PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS RECORDED AT REEL 052656, FRAME 0842

CONVEYING PARTY DATA

Name	Execution Date
DEUTSCHE BANK AG NEW YORK BRANCH, AS COLLATERAL AGENT	06/22/2023

RECEIVING PARTY DATA

Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
Street Address:	5005 EAST MCDOWELL ROAD, MAILDROP A700
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85008
Name:	FAIRCHILD SEMICONDUCTOR CORPORATION
Street Address:	5005 EAST MCDOWELL ROAD, MAILDROP A700
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85008

PROPERTY NUMBERS Total: 135

Property Type	Number
Application Number:	62923635
Application Number:	16686773
Application Number:	16732677
Application Number:	16733322
Application Number:	16734014
Application Number:	16734540
Application Number:	16734649
Application Number:	16735180
Application Number:	62957548
Application Number:	16735974
Application Number:	16736277
Application Number:	62958142
Application Number:	16737628
Application Number:	16738200
Application Number:	16739298

Property Type	Number
Application Number:	16739507
Application Number:	16740130
Application Number:	62959956
Application Number:	16742259
Application Number:	29720508
Application Number:	16744378
Application Number:	16745458
Application Number:	16745762
Application Number:	62962350
Application Number:	16748483
Application Number:	62963648
Application Number:	62963655
Application Number:	62963658
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Application Number:	16749743
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Application Number:	16775527
Application Number:	16776599
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Application Number:	16785968
Application Number:	62972431
Application Number:	16787343
Application Number:	16787472
Application Number:	16788483
Application Number:	16789499

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Application Number:	16790933
Application Number:	16791085
Application Number:	16791409
Application Number:	16791879
Application Number:	62976610
Application Number:	16793660
Application Number:	16794540
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Application Number:	16799026
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Application Number:	16799404
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Application Number:	16800117
Application Number:	16801406
Application Number:	62981902
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Application Number:	16804560
Application Number:	16804662
Application Number:	16806246
Application Number:	16806429

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Application Number:	16807438
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Application Number:	16829358
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Application Number:	16832113
Application Number:	16832228
Application Number:	16832624
Application Number:	16832671
Application Number:	16832948
Application Number:	16833237
Application Number:	16833912

Property Type	Number
Application Number:	16834946
Application Number:	16835052
Application Number:	16836693
Application Number:	11783613
Application Number:	12251859
Application Number:	15366113

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2136207848
Email: iprecordations@whitecase.com
Correspondent Name: JUSTINE LU/WHITE & CASE LLP
Address Line 1: 555 SOUTH FLOWER STREET, SUITE 2700
Address Line 4: LOS ANGELES, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER:	1111779-2989-S216
NAME OF SUBMITTER:	JUSTINE LU
SIGNATURE:	/Justine Lu/
DATE SIGNED:	06/23/2023

Total Attachments: 418
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RELEASE OF
SECURITY INTEREST IN PATENTS

This Release of Security Interest in Trademarks ("Patent Release") is made as of June 22, 2023, by **DEUTSCHE BANK AG NEW YORK BRANCH**, a German banking corporation (the "Collateral Agent") in favor of **SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC**, an Arizona limited liability company with an address at 5005 East McDowell Road, Maildrop A700, Phoenix, Arizona 85008 and **FAIRCHILD SEMICONDUCTOR CORPORATION** an Delaware corporation with an address at 5005 East McDowell Road, Maildrop A700, Phoenix, Arizona 85008 (each, a "Grantor" and collectively, the "Grantors").

W I T N E S S E T H:

WHEREAS, the Grantors entered into the following patent security agreements with Collateral Agent (collectively, the "Patent Security Agreements", and each, a "Patent Security Agreement"):

- Patent Security Agreement dated April 15, 2016 with Collateral Agent, notice of which was recorded at the United States Patent and Trademark Office (the "USPTO") on April 15, 2016 at the USPTO at Reel 038620, Frame 0087 (a corrective assignment was recorded at Reel 039853, Frame 0001);
- Patent Security Agreement dated September 19, 2016 with Collateral Agent, notice of which was recorded on September 19, 2016 at the USPTO at Reel 040075, Frame 0644;
- Patent Security Agreement dated December 21, 2016 with Collateral Agent, notice of which was recorded on December 23, 2016 at the USPTO at Reel 041187, Frame 0295;
- Patent Security Agreement dated February 10, 2017 with Collateral Agent, notice of which was recorded on June 22, 2018 at the USPTO at Reel 046410, Frame 0933;
- Patent Security Agreement dated May 4, 2017 with Collateral Agent, notice of which was recorded on November 17, 2017 at the USPTO at Reel 044481, Frame 0541;
- Patent Security Agreement dated July 26, 2017 with Collateral Agent, notice of which was recorded on November 17, 2017 at the USPTO at Reel 044481, Frame 0594;
- Patent Security Agreement dated November 10, 2017 with Collateral Agent, notice of which was recorded on July 11, 2018 at the USPTO at Reel 046530, Frame 0460;
- Patent Security Agreement dated February 6, 2018 with Collateral Agent, notice of which was recorded on July 11, 2018 at the USPTO at Reel 046530, Frame 0494;
- Patent Security Agreement dated April 26, 2018 with Collateral Agent, notice of which was recorded on December 6, 2018 at the USPTO at Reel 047734, Frame 0068;

- Patent Security Agreement dated August 13, 2018 with Collateral Agent, notice of which was recorded on October 16, 2018 at the USPTO at Reel 047864, Frame 0611;
- Patent Security Agreement dated October 18, 2018 with Collateral Agent, notice of which was recorded on November 1, 2018 at the USPTO at Reel 047399, Frame 0631;
- Patent Security Agreement dated January 22, 2019 with Collateral Agent, notice of which was recorded on January 21, 2022 at the USPTO at Reel 048327, Frame 0670;
- Patent Security Agreement dated October 15, 2019 with Collateral Agent, notice of which was recorded on November 26, 2019 at the USPTO at Reel 051145, Frame 0062;
- Patent Security Agreement dated February 13, 2020 with Collateral Agent, notice of which was recorded on October 16, 2020 at the USPTO at Reel 054090, Frame 0617;
- Patent Security Agreement dated May 5, 2020 with Collateral Agent, notice of which was recorded on May 13, 2020 at the USPTO at Reel 052656, Frame 0842;
- Patent Security Agreement dated July 28, 2021 with Collateral Agent, notice of which was recorded on August 2, 2021 at the USPTO at Reel 057054, Frame 0706;
- Patent Security Agreement dated October 28, 2021 with Collateral Agent, notice of which was recorded on November 12, 2021 at the USPTO at Reel 058871, Frame 0799;
- Patent Security Agreement dated April 26, 2022 with Collateral Agent, notice of which was recorded on May 3, 2022 at the USPTO at Reel 059847, Frame 0433; and
- Patent Security Agreement dated October 27, 2022 with Collateral Agent, notice of which was recorded on November 3, 2022 at the USPTO at Reel 061879, Frame 0655.

Capitalized terms used but not otherwise defined herein have the meanings given to them in the Patent Security Agreements.

WHEREAS, the Grantors granted the Collateral Agent, under the terms of the Patent Security Agreements, a continuing security interest (the "Security Interest") in favor of the Collateral Agent, in and to the Patent Collateral, including the Patents listed in Schedule 1.

WHEREAS, the Collateral Agent has agreed to terminate and release its security interest in the Patents listed in Schedule 1 as herein provided.

NOW, THEREFORE, in consideration of the foregoing and intending to be legally bound, the Collateral Agent, for itself and on behalf of the lenders in association with the Security Interest, hereby releases, terminates and discharges (in each case, without any recourse to, or any representation or warranty by, the Collateral Agent) any and all of its interest in the Patents listed in Schedule 1 hereto, and assigns, transfers and conveys to the Grantors (in each case, without any recourse to, or any representation or warranty by, the Collateral Agent) any interest in such intellectual property, including the Security Interest.

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IN WITNESS WHEREOF, the Collateral Agent has caused this Patent Release to be executed as of the day and year first written above.

DEUTSCHE BANK AG NEW YORK BRANCH,
as Collateral Agent

By: _____
Name: Philip Tancorra
Title: Director

By: _____
Name: Manfred Affenzeller
Title: Managing Director

SCHEDULE 1

PATENTS

Reel 038620, Frame 0087

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1.	ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT	10857409	5/28/2004	7405914	7/29/2008	Semiconductor Components Industries, LLC
2.	OPTICAL ACCELEROMETERS	13854343	4/1/2013	9285389	3/15/2016	Semiconductor Components Industries, LLC
3.	MICROELECTRONIC IMAGERS WITH STACKED LENS ASSEMBLIES AND PROCESSES FOR WAFER-LEVEL PACKAGING OF MICROELECTRONIC IMAGERS	12147421	6/26/2008	N/A	N/A	Semiconductor Components Industries, LLC
4.	SEMICONDUCTOR MODULE AND IMAGE PICKUP APPARATUS	12271398	11/14/2008	N/A	N/A	Semiconductor Components Industries, LLC
5.	SEMICONDUCTOR MODULE AND IMAGE PICKUP APPARATUS	12271459	11/14/2008	N/A	N/A	Semiconductor Components Industries, LLC
6.	METHOD OF FORMING AN EM PROTECTED SEMICONDUCTOR DIE	12689137	1/18/2010	9299664	03/29/2016	Semiconductor Components Industries, LLC
7.	PROGRAMMABLE LOW-DROPOUT REGULATOR AND METHODS THEREFOR	12759541	4/13/2010	N/A	N/A	Semiconductor Components Industries, LLC
8.	OFFSET CANCELLING CIRCUIT	12796167	6/8/2010	N/A	N/A	Semiconductor Components Industries, LLC
9.	SIGNAL PROCESSING CIRCUIT FOR ELECTROSTATIC CAPACITY TYPE TOUCH SENSOR	12796850	6/9/2010	N/A	N/A	Semiconductor Components Industries, LLC
10.	ELECTRONIC DEVICE WITH FLEXIBLE DATA AND POWER INTERFACE	13114935	5/24/2011	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
11.	SYSTEMS AND METHODS FOR IMAGE SENSING	13176945	7/6/2011	N/A	N/A	Semiconductor Components Industries, LLC
12.	METHOD OF FORMING A CIRCUIT HAVING A VOLTAGE REFERENCE AND STRUCTURE THEREFOR	13212001	8/17/2011	N/A	N/A	Semiconductor Components Industries, LLC
13.	SWITCH CIRCUIT	13219205	8/26/2011	9294598	3/22/16	Semiconductor Components Industries, LLC
14.	METHOD OF FORMING A SEMICONDUCTOR DEVICE TERMINATION AND STRUCTURE THEREFOR	13227011	9/7/2011	N/A	N/A	Semiconductor Components Industries, LLC
15.	DRIVE CONTROL CIRCUIT FOR VIBRATION SPEAKER	13228156	9/8/2011	9319777	4/19/2016	Semiconductor Components Industries, LLC
16.	RAMP AND SUCCESSIVE APPROXIMATION REGISTER ANALOG TO DIGITAL CONVERSION METHODS, SYSTEMS AND APPARATUS	13228502	9/9/2011	N/A	N/A	Semiconductor Components Industries, LLC
17.	ASYMMETRIC ANGULAR RESPONSE PIXELS FOR SINGLE SENSOR STEREO	13404319	2/24/2012	N/A	N/A	Semiconductor Components Industries, LLC
18.	SYSTEM AND METHOD FOR MONAURAL AUDIO PROCESSING BASED PRESERVING SPEECH INFORMATION	13425138	3/20/2012	N/A	N/A	Semiconductor Components Industries, LLC
19.	METHOD AND APPARATUS FOR DETERMINATION OF OBJECT TOPOLOGY	13469051	5/10/2012	N/A	N/A	Semiconductor Components Industries, LLC
20.	VIDEO SIGNAL PROCESSING SYSTEM	13530173	6/22/2012	N/A	N/A	Semiconductor Components Industries, LLC
21.	COLOR IMAGING USING TIME-MULTIPLEXED LIGHT SOURCES AND MONOCHROME IMAGE SENSORS WITH MULTI-STORAGENODE PIXELS	13557656	7/25/2012	N/A	N/A	Semiconductor Components Industries, LLC
22.	AUDIO SIGNAL PROCESSING CIRCUIT	13593723	8/24/2012	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
23.	TIME-DELAY-AND-INTEGRATE IMAGE SENSORS HAVING VARIABLE INTEGRATION TIMES	13625296	9/24/2012	N/A	N/A	Semiconductor Components Industries, LLC
24.	TOUCH PANELS WITH DYNAMIC ZOOMING AND LOW PROFILE BEZELS	13627920	9/26/2012	N/A	N/A	Semiconductor Components Industries, LLC
25.	TOUCH SENSOR	13851583	3/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
26.	CIRCUIT DEVICE AND METHOD FOR MANUFACTURING SAME	13882952	7/9/2013	N/A	N/A	Semiconductor Components Industries, LLC
27.	SIGNAL PROCESSING CIRCUIT OF ELECTROSTATIC CAPACITY TYPE TOUCH PANEL	13891740	5/10/2013	N/A	N/A	Semiconductor Components Industries, LLC
28.	PROVIDING NONLINEAR TEMPERATURE COMPENSATION FOR SENSING MEANS BY USE OF PADE APPROXIMANT FUNCTION EMULATORS	11123964	5/4/2005	7398173	7/8/2008	Semiconductor Components Industries, LLC
29.	INITIAL DECISION-POINT CIRCUIT OPERATION MODE	11371661	3/9/2006	7526693	4/28/2009	Semiconductor Components Industries, LLC
30.	LISTENING DEVICE	10023109	12/14/2001	7558390	7/7/2009	Semiconductor Components Industries, LLC
31.	CURRENT PROTECTION CIRCUIT USING MULTIPLE SEQUENCED BIPOLAR TRANSISTORS	11567688	12/6/2006	7636226	12/22/2009	Semiconductor Components Industries, LLC
32.	METHOD AND SYSTEM FOR DATA LOGGING IN A LISTENING DEVICE	11091747	3/28/2005	7706902	4/27/2010	Semiconductor Components Industries, LLC
33.	DIE IDENTIFICATION SYSTEMS AND METHODS	10883316	6/30/2004	7749690	7/6/2010	FLIR Systems, Inc. and Semiconductor Components Industries, LLC
34.	METHOD AND SYSTEM FOR PROCESSING SUBBAND SIGNALS USING ADAPTIVE FILTERS	10642847	8/18/2003	7783032	8/24/2010	Semiconductor Components Industries, LLC
35.	MULTI-FORMAT ALL-DIGITAL MODULATOR AND METHOD	12027692	2/7/2008	7795986	9/14/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
36.	THICK METAL INTERCONNECT WITH METAL PAD CAPS AT SELECTIVE SITES AND PROCESS FOR MAKING THE SAME	12012121	1/31/2008	7800239	9/21/2010	Semiconductor Components Industries, LLC
37.	CONFIGURABLE DEMODULATOR AND DEMODULATION METHOD	12028292	2/8/2008	7816979	10/19/2010	Semiconductor Components Industries, LLC
38.	MULTI-PAD SHARED CURRENT DISSIPATION WITH HETEROGENIC CURRENT PROTECTION STRUCTURES	11532478	9/15/2006	7940499	5/1/2011	Semiconductor Components Industries, LLC
39.	THICK METAL INTERCONNECT WITH METAL PAD CAPS AT SELECTIVE SITES AND PROCESS FOR MAKING THE SAME	12012120	1/31/2008	7947592	5/24/2011	Semiconductor Components Industries, LLC
40.	NON-LINEAR SENSOR TEMPERATURE COMPENSATION USING SUMMED TEMPERATURE COMPENSATION SIGNALS	11460948	7/28/2006	8081006	12/20/2011	Semiconductor Components Industries, LLC
41.	DIGITAL DATA ENCODING AND DECODING METHOD AND SYSTEM	12027703	2/7/2008	8144802	3/27/2012	Semiconductor Components Industries, LLC
42.	METHOD AND SYSTEM FOR PROTECTING CONTENT IN A PROGRAMMABLE SYSTEM	11091746	3/28/2005	8302159	10/30/2012	Semiconductor Components Industries, LLC
43.	SINGLE WELL EXCESS CURRENT DISSIPATION CIRCUIT	11532477	9/15/2006	7456441	11/25/2008	Semiconductor Components Industries, LLC
44.	HIGH TEMPERATURE RANGE ELECTRICAL CIRCUIT TESTING	11871716	10/12/2007	7816930	10/19/2010	Semiconductor Components Industries, LLC
45.	NON-VOLATILE MULTI-STATE MEMORY DEVICE WITH MEMORY CELL CAPABLE OF STORING MULTI-STATE DATA	8697903	8/30/1996	5625584	4/29/1997	Semiconductor Components Industries, LLC
46.	START UP CIRCUIT AND CURRENT-FOLDBACK PROTECTION FOR VOLTAGE REGULATORS	8722342	9/27/1996	5666044	9/9/1997	Semiconductor Components Industries, LLC
47.	SELF ADJUSTING SENSE AMPLIFIER CLOCK DELAY CIRCUIT	8665151	6/13/1996	5682353	10/28/1997	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
48.	MANUFACTURING METHOD FOR ROM ARRAY WITH MINIMAL BAND-TO-BAND TUNNELING	8665150	6/13/1996	5683925	11/4/1997	Semiconductor Components Industries, LLC
49.	OUTPUT DRIVER FOR HIGH-SPEED DEVICE	8758999	12/2/1996	5719491	2/17/1998	Semiconductor Components Industries, LLC
50.	D/A CONVERTER	8815497	3/11/1997	5724039	3/3/1998	Semiconductor Components Industries, LLC
51.	METHOD AND CIRCUIT FOR REDUCING OFFSET VOLTAGES FOR A DIFFERENTIAL INPUT STAGE	8706095	8/30/1996	5726597	3/10/1998	Semiconductor Components Industries, LLC
52.	BALANCED DELTA CURRENT METHOD FOR CURRENT CONTROL IN A HYSTERETIC POWER SUPPLY	8719031	9/24/1996	5734259	3/31/1998	Semiconductor Components Industries, LLC
53.	METHOD OF MANUFACTURING VERTICAL MOSFET	8684802	7/22/1996	5747371	5/5/1998	Semiconductor Components Industries, LLC
54.	INTEGRATED CIRCUIT AND METHOD FOR GENERATING A TRANSIMPEDANCE FUNCTION	8706886	9/3/1996	5751192	5/12/1998	Semiconductor Components Industries, LLC
55.	COMPARATOR WITH LATCH	8699493	8/19/1996	5757210	5/26/1998	Semiconductor Components Industries, LLC
56.	SWITCHED CAPACITANCE VOLTAGE MULTIPLIER	8799868	2/14/1997	5757632	5/26/1998	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
57.	SEMICONDUCTOR MEMORY DEVICE	8805504	2/26/1997	5757700	5/26/1998	Semiconductor Components Industries, LLC
58.	PROGRAMMABLE OSCILLATOR USING ONE CAPACITOR	8748337	11/13/1996	5770979	6/23/1998	Semiconductor Components Industries, LLC
59.	IMAGE DATA REPRODUCING APPARATUS	8645566	5/14/1996	5774590	6/30/1998	Semiconductor Components Industries, LLC
60.	DATA DEMODULATION APPARATUS	8840477	4/21/1997	5777511	7/7/1998	Semiconductor Components Industries, LLC
61.	SIGNAL PROCESSING CIRCUIT FOR AN OPTICAL DISK PLAYER INCLUDING DATA DECODING BASED ON A REGENERATED BIT CLOCK	8670797	6/21/1996	5777955	7/7/1998	Semiconductor Components Industries, LLC
62.	TOTEM POLE DRIVER WITH CROSS CONDUCTION PROTECTION AND DEFAULT LOW IMPEDANCE STATE OUTPUT	8682323	7/17/1996	5781058	7/14/1998	Semiconductor Components Industries, LLC
63.	ADAPTIVE ENCODER CIRCUIT FOR MULTIPLE DATA CHANNELS AND METHOD OF ENCODING	8811062	3/3/1997	5781129	7/14/1998	Semiconductor Components Industries, LLC
64.	IMAGE PROCESSING APPARATUS AND MAPPING METHOD FOR FRAME MEMORY	8799341	2/13/1997	5781242	7/14/1998	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
65.	METHOD OF MANUFACTURING SEMICONDUCTOR COMPONENT	8850307	5/5/1997	5785791	7/28/1998	Semiconductor Components Industries, LLC
66.	TEMPERATURE-COMPENSATED VOLTAGE CLAMP WITH FORCED PASS TRANSISTOR VOLTAGE SHARING	8664236	6/7/1996	5786972	7/28/1998	Semiconductor Components Industries, LLC
67.	MONOLITHIC CLAMPING CIRCUIT AND METHOD OF PREVENTING TRANSISTOR AVALANCHE BREAKDOWN	8791711	1/31/1997	5789951	8/4/1998	Semiconductor Components Industries, LLC
68.	CURRENT SLEW RATE LIMITER	8729628	10/10/1996	5789955	8/4/1998	Semiconductor Components Industries, LLC
69.	HIGH SPEED ACTIVE OP-AMP CLAMP	8699770	8/20/1996	5793241	8/11/1998	Semiconductor Components Industries, LLC
70.	THERMAL LIMIT CIRCUIT WITH BUILT-IN HYSTERESIS	8795942	2/5/1997	5796280	8/18/1998	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
71.	CLAMP DISPOSED AT EDGE OF A DIELECTRIC STRUCTURE IN A SEMICONDUCTOR DEVICE AND METHOD OF FORMING SAME	8829073	3/31/1997	5804869	9/8/1998	Semiconductor Components Industries, LLC
72.	BATTERY PROTECTION SYSTEM AND PROCESS FOR CHARGING A BATTERY	8833437	4/7/1997	5804944	9/8/1998	Semiconductor Components Industries, LLC
73.	LOW VOLTAGE CURRENT LIMIT CIRCUIT WITH TEMPERATURE INSENSITIVE FOLDBACK NETWORK	8741625	10/30/1996	5804955	9/8/1998	Semiconductor Components Industries, LLC
74.	SYNCHRONIZATION REGENERATION CIRCUIT	8654858	5/29/1996	5809094	9/15/1998	Semiconductor Components Industries, LLC
75.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE	8807659	2/27/1997	5818759	10/6/1998	Semiconductor Components Industries, LLC
76.	METHOD FOR SYNCHRONIZING SIGNALS AND STRUCTURES THEREFOR	8719423	9/24/1996	5818890	10/6/1998	Semiconductor Components Industries, LLC
77.	DESCRAMBLING DEVICE	8712123	9/11/1996	5825888	10/20/1998	Semiconductor Components Industries, LLC
78.	LATERAL PNP FAST TURN-ON CIRCUIT	8867627	6/2/1997	5834964	11/10/1998	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
79.	AMPLIFYING CIRCUIT WITH POWER SUPPLY SWITCHING CIRCUIT	8740759	10/30/1996	5834977	11/10/1998	Semiconductor Components Industries, LLC
80.	OPERATING METHOD FOR ROM ARRAY WHICH MINIMIZES BAND-TO-BAND TUNNELING	8665136	6/13/1996	5838046	11/17/1998	Semiconductor Components Industries, LLC
81.	APPARATUS HAVING A SUBSTRATE AND ELECTRONIC CIRCUIT SOLDER-CONNECTED WITH THE SUBSTRATE	8770406	12/20/1996	5838070	11/17/1998	Semiconductor Components Industries, LLC
82.	3V/5V INPUT BUFFER	8708595	9/5/1996	5838168	11/17/1998	Semiconductor Components Industries, LLC
83.	CURRENT LIMIT CIRCUIT FOR INHIBITING VOLTAGE OVERSHOOT	8820880	3/21/1997	5838524	11/17/1998	Semiconductor Components Industries, LLC
84.	RADIO RECEIVER WITH PROGRAMMABLE DIGITAL TUNER IMMUNE TO MANUFACTURING VARIATIONS IN VARACTOR CAPACITANCE	8718820	9/24/1996	5842120	11/24/1998	Semiconductor Components Industries, LLC
85.	VIDEO SIGNAL REPRODUCTION APPARATUS FOR CHROMINANCE SIGNALS	8841083	4/29/1997	5845040	12/1/1998	Semiconductor Components Industries, LLC
86.	TRACK DETECTION CIRCUIT FOR OPTICAL DISC PLAYBACK APPARATUS	8962053	10/31/1997	5854781	12/29/1998	Semiconductor Components Industries, LLC
87.	POWER CONVERSION INTEGRATED CIRCUIT AND METHOD FOR PROGRAMMING	8869297	6/4/1997	5859768	1/12/1999	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
88.	TEMPERATURE INSENSITIVE FOLDBACK NETWORK	9063980	4/21/1998	5886511	3/23/1999	Semiconductor Components Industries, LLC
89.	SEMICONDUCTOR UNIT	8703884	8/27/1996	5886558	3/23/1999	Semiconductor Components Industries, LLC
90.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE	8805015	2/24/1997	5889699	3/30/1999	Semiconductor Components Industries, LLC
91.	SEMICONDUCTOR DEVICE INCLUDING AN INTRUSION FILM LAYER	8806425	2/26/1997	5892269	4/6/1999	Semiconductor Components Industries, LLC
92.	HIGH SPEED TOTEM POLE FET DRIVER CIRCUIT WITH DIFFERENTIAL CROSS CONDUCTION PREVENTION	8829004	3/31/1997	5896058	4/20/1999	Semiconductor Components Industries, LLC
93.	POWER SWITCHING TRENCH MOSFET HAVING ALIGNED SOURCE REGIONS AND METHOD OF MAKING	9050164	3/30/1998	5897343	4/27/1999	Semiconductor Components Industries, LLC
94.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICES	8870122	6/3/1997	5898197	4/27/1999	Semiconductor Components Industries, LLC
95.	SEMICONDUCTOR DEVICES HAVING UPPER AND LOWER WIRING LAYERS	8953822	9/25/1997	5898221	4/27/1999	Semiconductor Components Industries, LLC
96.	SPREAD SPECTRUM SIGNAL RECEIVER	8807837	2/25/1997	5903593	5/11/1999	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
97.	METHOD FOR PACKAGING A SEMICONDUCTOR DEVICE	9016985	2/2/1998	5904555	5/18/1999	Semiconductor Components Industries, LLC
98.	VOLTAGE REGULATOR PREDRIVER CIRCUIT	8990689	12/15/1997	5909109	6/1/1999	Semiconductor Components Industries, LLC
99.	ROM/RAM OVERLAP CIRCUIT	8965386	11/6/1997	5912861	6/15/1999	Semiconductor Components Industries, LLC
100.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	8660479	6/7/1996	5915179	6/22/1999	Semiconductor Components Industries, LLC
101.	BATTERY PROTECTION SYSTEM AND PROCESS FOR CHARGING A BATTERY	9103826	6/24/1998	5920181	7/6/1999	Semiconductor Components Industries, LLC
102.	POWER AMPLIFIER APPARATUS	8961745	10/31/1997	5920229	7/6/1999	Semiconductor Components Industries, LLC
103.	MAGING SYSTEM WITH IMAGE PROCESSING FOR REWRITING A PORTION OF A PIXEL BLOCK	8696033	8/9/1996	5920343	7/6/1999	Semiconductor Components Industries, LLC
104.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE HAVING LONG-LIFE MEMORY CELLS AND DATA ERASING METHOD	8961390	10/30/1997	5923589	7/13/1999	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
105.	ROW FUSE DETECT CIRCUIT	9063818	4/21/1998	5923598	7/13/1999	Semiconductor Components Industries, LLC
106.	STROBED WORDLINE DRIVER FOR FAST MEMORIES	8933159	9/18/1997	5923609	7/13/1999	Semiconductor Components Industries, LLC
107.	MICROCOMPUTER CAPABLE OF PREVENTING WRITING ERRORS IN A NON-VOLATILE MEMORY	8821598	3/20/1997	5925139	7/20/1999	Semiconductor Components Industries, LLC
108.	SEMICONDUCTOR ENCAPSULATION METHOD	8654364	5/28/1996	5930652	7/27/1999	Semiconductor Components Industries, LLC
109.	PIXEL STRUCTURE, IMAGE SENSOR USING SUCH PIXEL STRUCTURE AND CORRESPONDING PERIPHERAL CIRCUITRY	8635035	4/18/1996	5933190	8/3/1999	Semiconductor Components Industries, LLC
110.	MULTISTATE MEMORY DEVICE WITH REFERENCE BIT LINES	8980884	11/28/1997	5933366	8/3/1999	Semiconductor Components Industries, LLC
111.	SEMICONDUCTOR DEVICE WITH FILM COVERING	8826314	3/24/1997	5936300	8/10/1999	Semiconductor Components Industries, LLC
112.	SPLIT GATE TYPE TRANSISTOR MEMORY DEVICE	8825109	3/27/1997	5936883	8/10/1999	Semiconductor Components Industries, LLC
113.	SYSTEM FOR PRIORITIZING SLAVE INPUT REGISTER TO RECEIVE DATA TRANSMISSION VIA BI-DIRECTIONAL DATA LINE FROM MASTER	8805682	2/25/1997	5938746	8/17/1999	Semiconductor Components Industries, LLC
114.	SPLIT GATE TRANSISTOR ARRAY	8824213	3/25/1997	5939749	8/17/1999	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
115.	METHOD FOR PRODUCTION OF SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	8690485	7/31/1996	5940708	8/17/1999	Semiconductor Components Industries, LLC
116.	POWER SEMICONDUCTOR DEVICE AND METHOD FOR INCREASING TURN ON TIME OF THE POWER SEMICONDUCTOR DEVICE	9004656	1/8/1998	5945868	8/31/1999	Semiconductor Components Industries, LLC
117.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR WRITING INFORMATION THEREIN	9049307	3/27/1998	5946236	8/31/1999	Semiconductor Components Industries, LLC
118.	MICROCOMPUTER USING A NON-VOLATILE MEMORY	8811572	3/5/1997	5950222	9/7/1999	Semiconductor Components Industries, LLC
119.	METHOD FOR REDUCING FIXED PATTERN NOISE IN SOLID STATE IMAGING DEVICES	9164158	9/30/1998	5953060	9/14/1999	Semiconductor Components Industries, LLC
120.	SWITCH WITH PROGRAMMABLE DELAY	9132511	8/11/1998	5955910	9/21/1999	Semiconductor Components Industries, LLC
121.	DEVICE FOR WRITING AND READING OF SIZE-REDUCED VIDEO ON A ALTERNATING FIELD MEMORIES DURING RESIZE OPERATION	8732845	10/15/1996	5963221	10/5/1999	Semiconductor Components Industries, LLC
122.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE HAVING GATE ELECTRODES FORMED IN TRENCH STRUCTURES BEFORE FORMATION OF SOURCE LAYERS	9138617	8/24/1998	5970344	10/19/1999	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
123.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	8958992	10/28/1997	5972741	10/26/1999	Semiconductor Components Industries, LLC
124.	POWER AMPLIFIER APPARATUS	8972315	11/18/1997	5973555	10/26/1999	Semiconductor Components Industries, LLC
125.	SEMICONDUCTOR MEMORY DEVICE WITH IMPROVED READ CHARACTERISTICS FOR DATA HAVING MULTI VALUES	8920366	8/29/1997	5982662	11/9/1999	Semiconductor Components Industries, LLC
126.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE	9119826	7/21/1998	5986930	11/16/1999	Semiconductor Components Industries, LLC
127.	REWRITING PROTECTION OF SIZE VARYING FIRST REGIION OF REPROGRAMMABLE NON-VOLATILE MEMORY	8833295	4/8/1997	5991849	11/23/1999	Semiconductor Components Industries, LLC
128.	SEMICONDUCTOR DEVICE AND FABRICATION METHOD THEREOF	9027715	2/23/1998	6008141	12/28/1999	Semiconductor Components Industries, LLC
129.	IMPROVED TERMINATION CIRCUITS AND METHODS THEREFOR	9074525	5/7/1998	6008665	12/28/1999	Semiconductor Components Industries, LLC
130.	REDUCED VIDEO SIGNAL PROCESSING CIRCUIT	8730596	10/15/1996	6008854	12/28/1999	Semiconductor Components Industries, LLC
131.	IMAGE DATA PROCESSING APPARATUS	8903389	7/30/1997	6008859	12/28/1999	Semiconductor Components Industries, LLC
132.	METHOD FOR OBTAINING A HIGH DYNAMIC RANGE READ-OUT SIGNAL OF A CMOS-BASED PIXEL STRUCTURE AND SUCH CMOS-BASED PIXEL STRUCTURE	9021011	2/9/1998	6011251	1/4/2000	Semiconductor Components Industries, LLC
133.	ADDRESS TRANSITION DETECTOR FOR MEMORY DEVICE	9275737	3/24/1999	6016284	1/18/2000	Semiconductor Components Industries, LLC
134.	IMAGE DATA PROCESSING APPARATUS HAVING PIXEL QUANTITY CONVERSION AND ERROR DIFFUSION FUNCTIONS	8889720	7/8/1997	6016370	1/18/2000	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
135.	ERROR CORRECTION DEVICE	8654859	5/29/1996	6017146	1/25/2000	Semiconductor Components Industries, LLC
136.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD	9045074	3/20/1998	6022757	2/8/2000	Semiconductor Components Industries, LLC
137.	CHARGE STORAGE IMAGE SCANNER HAVING EQUALIZING PRE-CHARGE AND RESET IMPROVEMENTS	9001875	12/31/1997	6025935	2/15/2000	Semiconductor Components Industries, LLC
138.	INPUT STAGE FOR RAIL-TO-RAIL INPUT OP AMP	9167509	10/6/1998	6031423	2/29/2000	Semiconductor Components Industries, LLC
139.	OFFSET CORRECTION CIRCUIT	9046221	3/23/1998	6037823	3/14/2000	Semiconductor Components Industries, LLC
140.	BTL AMPLIFYING CIRCUIT	9179214	10/27/1998	6037839	3/14/2000	Semiconductor Components Industries, LLC
141.	IMAGE SENSING APPARATUS AND METHOD FOR DISCHARGING DARK CURRENT CHARGE STORED THEREIN	8774253	11/27/1996	6040859	3/21/2000	Semiconductor Components Industries, LLC
142.	CHARACTER DISPLAY CONTROL CIRCUIT	9148824	9/4/1998	6064402	5/16/2000	Semiconductor Components Industries, LLC
143.	FABRICATION METHOD OF SEMICONDUCTOR DEVICE INCLUDING INSULATION FILM WITH DECOMPOSED ORGANIC CONTENT	8997049	12/23/1997	6071807	6/6/2000	Semiconductor Components Industries, LLC
144.	AUDIO LEVEL COMPRESSION CIRCUIT	9156798	9/17/1998	6072365	6/6/2000	Semiconductor Components Industries, LLC
145.	SEMICONDUCTOR DEVICE	8881356	6/24/1997	6075279	6/13/2000	Semiconductor Components Industries, LLC
146.	RADIO RECEIVER WITH OBJECT STATION SENSITIVITY	9049876	3/27/1998	6078798	6/20/2000	Semiconductor Components Industries, LLC
147.	METHOD OF PRODUCING A SEMICONDUCTOR DEVICE USING A REDUCED MOUNTING AREA	9219508	12/23/1998	6080602	6/27/2000	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
148.	SEMICONDUCTOR PACKAGE CONSISTING OF MULTIPLE CONDUCTIVE LAYERS	9106472	6/29/1998	6081031	6/27/2000	Semiconductor Components Industries, LLC
149.	FM MULTIPLEX BROADCASTING RECEIVER	9044619	3/19/1998	6081699	6/27/2000	Semiconductor Components Industries, LLC
150.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	9087990	6/1/1998	6093583	7/25/2000	Semiconductor Components Industries, LLC
151.	CHARGE PUMP TYPE BOOSTER CIRCUIT	9288306	4/8/1999	6097161	8/1/2000	Semiconductor Components Industries, LLC
152.	TERMINATION CIRCUITS AND METHODS FOR MEMORY BUSES AND DEVICES	9433522	11/3/1999	6100713	8/8/2000	Semiconductor Components Industries, LLC
153.	TONE CONTROL DEVICE AND SOUND VOLUME/TONE CONTROL DEVICE FOR REDUCING NOISE AT THE TIME OF TONE MODIFICATION	8839013	4/23/1997	6108428	8/22/2000	Semiconductor Components Industries, LLC
154.	SEMICONDUCTOR INTEGRATED CIRCUIT AND MANUFACTURING METHOD THEREOF	9016512	1/30/1998	6110772	8/29/2000	Semiconductor Components Industries, LLC
155.	METHOD OF FABRICATING A SEMICONDUCTOR DEVICE HAVING A FLOATING FIELD CONDUCTOR	8887718	7/7/1997	6110804	8/29/2000	Semiconductor Components Industries, LLC
156.	SEMICONDUCTOR INTEGRATION DEVICE AND FABRICATION METHOD OF THE SAME	9038885	3/12/1998	6114744	9/5/2000	Semiconductor Components Industries, LLC
157.	DIFFERENTIAL AMPLIFIER FOR CORRECTING OFFSETS AT INPUTS USING LOW CAPACITANCE CAPACITOR	8863844	5/27/1997	6114909	9/5/2000	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
158.	FRAME TRANSFER SYSTEM HAVING CCD SOLID STATE IMAGE PICK-UP DEVICE	9004211	1/8/1998	6118481	9/12/2000	Semiconductor Components Industries, LLC
159.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE	9151080	9/10/1998	6118695	9/12/2000	Semiconductor Components Industries, LLC
160.	DATA DEMODULATOR DEVICE	8840970	4/21/1997	6118831	9/12/2000	Semiconductor Components Industries, LLC
161.	DECODER FOR EXECUTING ERROR CORRECTION AND ERROR DETECTION IN PARALLEL	8939992	9/29/1997	6119260	9/12/2000	Semiconductor Components Industries, LLC
162.	RADIO RECEIVER HAVING AUTOMATIC BROADCASTING-STATION SELECTING FUNCTION	8756532	11/25/1996	6122493	9/19/2000	Semiconductor Components Industries, LLC
163.	POWER AMPLIFICATION DEVICE	9182769	10/29/1998	6127888	10/3/2000	Semiconductor Components Industries, LLC
164.	DATA PROCESSOR FOR FM MULTIPLEX BROADCAST	8854602	5/12/1997	6128390	10/3/2000	Semiconductor Components Industries, LLC
165.	MOTOR DRIVE CIRCUIT	9351898	7/13/1999	6130989	10/10/2000	Semiconductor Components Industries, LLC
166.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE	9252680	2/22/1999	6134147	10/17/2000	Semiconductor Components Industries, LLC
167.	SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME	9131345	8/7/1998	6137135	10/24/2000	Semiconductor Components Industries, LLC
168.	IMAGE DISPLAY CONTROL DEVICE FOR RESTRICTING DISPLAY OF VIDEO DATA VIEWED ON A TELEVISION IN ACCORDANCE WITH A RESTRICT LEVEL OF THE VIDEO DATA	8936048	9/23/1997	6137486	10/24/2000	Semiconductor Components Industries, LLC
169.	SEMICONDUCTOR DEVICES WITH MEANS TO REDUCE CONTAMINATION	9030560	2/25/1998	6150725	11/21/2000	Semiconductor Components Industries, LLC
170.	MOTOR DRIVE CIRCUIT	9363621	7/29/1999	6157151	12/5/2000	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
171.	VIDEO SIGNAL PROCESSING CIRCUIT	9047712	3/25/1998	6160590	12/12/2000	Semiconductor Components Industries, LLC
172.	IMAGE SIGNAL PROCESSING APPARATUS	9219259	12/22/1998	6160593	12/12/2000	Semiconductor Components Industries, LLC
173.	METHOD OF DRIVING A LOAD AND SEMICONDUCTOR LOAD DRIVER CIRCUIT THEREFOR	9216763	12/21/1998	6160691	12/12/2000	Semiconductor Components Industries, LLC
174.	LOW VOLTAGE AND LOW POWER STATIC RANDOM ACCESS MEMORY (SRAM	8920682	8/29/1997	6160733	12/12/2000	Semiconductor Components Industries, LLC
175.	ONE BIT DIGITAL PHASE SHIFT KEYED CARRIER RECOVERY AND DEMODULATOR CIRCUIT	9211550	12/15/1998	6163208	12/19/2000	Semiconductor Components Industries, LLC
176.	ELECTRONIC COMPONENT AND METHOD OF MANUFACTURE	9108448	7/1/1998	6164523	12/26/2000	Semiconductor Components Industries, LLC
177.	BASIC CELL STRUCTURE HAVING A PLURALITY OF TRANSISTORS FOR MASTER SLICE TYPE SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	8926625	9/8/1997	6166560	12/26/2000	Semiconductor Components Industries, LLC
178.	SEMICONDUCTOR LOAD DRIVER CIRCUIT AND METHOD THEREFOR	9217288	12/21/1998	6166893	12/26/2000	Semiconductor Components Industries, LLC
179.	SIGNAL DETECTION CIRCUIT FOR A MEMORY TEST MODE	9063819	4/21/1998	6167543	12/26/2000	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
180.	PHASE DETECTOR	9247679	2/9/1999	6177812	1/23/2001	Semiconductor Components Industries, LLC
181.	METHOD FOR MANUFACTURING A SPLIT GAME TYPE TRANSISTOR	9258243	2/25/1999	6184088	2/6/2001	Semiconductor Components Industries, LLC
182.	FAN SPEED CONTROL SYSTEM	9470800	12/23/1999	6188189	2/13/2001	Semiconductor Components Industries, LLC
183.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9448942	11/24/1999	6197616	3/6/2001	Semiconductor Components Industries, LLC
184.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	9217120	12/21/1998	6197640	3/6/2001	Semiconductor Components Industries, LLC
185.	INTEGRATED ELECTRICAL OVERLOAD PROTECTION DEVICE AND METHOD OF FORMATION	9326499	6/4/1999	6201679	3/13/2001	Semiconductor Components Industries, LLC
186.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE	9259602	3/1/1999	6204097	3/20/2001	Semiconductor Components Industries, LLC
187.	PWM CONTROL APPARATUS	9585131	6/1/2000	6208538	3/27/2001	Semiconductor Components Industries, LLC
188.	A METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE	9362125	7/27/1999	6211046	4/3/2001	Semiconductor Components Industries, LLC
189.	PHASE-LOCKED LOOP	9465958	12/17/1999	6222421	4/24/2001	Semiconductor Components Industries, LLC
190.	A DETECTOR FOR ELECTROMAGNETIC RADIATION, PIXEL STRUCTURE WITH HIGH SENSITIVITY USING SUCH DETECTOR AND METHOD OF MANUFACTURING SUCH DETECTOR	9021010	2/9/1998	6225670	5/1/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
191.	A METHOD OF MANUFACTURING A VARIABLE CAPACITANCE SEMICONDUCTOR DEVICE	9229099	1/12/1999	6228734	5/8/2001	Semiconductor Components Industries, LLC
192.	SEMICONDUCTOR DEVICE INCLUDING INSULATION FILM AND FABRICATION METHOD THEREOF	9160044	9/25/1998	6235648	5/22/2001	Semiconductor Components Industries, LLC
193.	RADIO RECEIVER	9046227	3/23/1998	6236842	5/22/2001	Semiconductor Components Industries, LLC
194.	MEMORY COLUMN REDUNDANCY	9546919	4/11/2000	6240029	5/29/2001	Semiconductor Components Industries, LLC
195.	CODE ERROR CORRECTING AND DETECTING APPARATUS	9098095	6/16/1998	6243845	6/5/2001	Semiconductor Components Industries, LLC
196.	DISPLAY DRIVING CIRCUIT FOR DISPLAYING CHARACTER ON DISPLAY PANEL	9309035	5/10/1999	6246388	6/12/2001	Semiconductor Components Industries, LLC
197.	DIFFERENTIAL-MODE CHARGE TRANSFER AMPLIFIER	9451562	11/30/1999	6249181	6/19/2001	Semiconductor Components Industries, LLC
198.	OPTICAL SEMICONDUCTOR DEVICE AND OPTICAL SEMICONDUCTOR MODULE EQUIPPED WITH THE SAME	9291202	4/14/1999	6252252	6/26/2001	Semiconductor Components Industries, LLC
199.	HARDWARE-EFFICIENT SYSTEM FOR HYBRID-BILINEAR IMAGE SCALING	9130628	8/6/1998	6252576	6/26/2001	Semiconductor Components Industries, LLC
200.	ADDRESS SELECTION CIRCUITRY AND METHOD USING SINGLE ANALOG INPUT LINE	9383447	8/26/1999	6255973	7/3/2001	Semiconductor Components Industries, LLC
201.	RDS SIGNAL DETECTION DEVICE	8840988	4/21/1997	6256359	7/3/2001	Semiconductor Components Industries, LLC
202.	HYBRID INTEGRATED CIRCUIT DEVICE, AND METHOD OF MANUFACTURING THEREOF	9188717	11/10/1998	6259157	7/10/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
203.	MEMORY DEVICE	9235842	1/22/1999	6260122	7/10/2001	Semiconductor Components Industries, LLC
204.	IMPROVED INTEGRATED CIRCUIT STRUCTURES AND METHODS TO FACILITATE ACCURATE MEASUREMENT OF THE IC DEVICES	8914309	8/18/1997	6262434	7/17/2001	Semiconductor Components Industries, LLC
205.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND MANUFACTURING METHOD THEREFOR	9160134	9/25/1998	6262452	7/17/2001	Semiconductor Components Industries, LLC
206.	IMAGE DISPLAY CONTROL DEVICE FOR RESTRICTING DISPLAY OF VIDEO DATA VIEWED ON A TELEVISION IN ACCORDANCE WITH A RESTRICT LEVEL OF THE VIDEO DATA	9628752	7/31/2000	6263500	7/17/2001	Semiconductor Components Industries, LLC
207.	LOW COST CCD PACKAGING	9417747	10/14/1999	6268231	7/31/2001	Semiconductor Components Industries, LLC
208.	SYNCHRONOUS RECTIFIER AND METHOD OF OPERATION	9287279	4/7/1999	6271712	8/7/2001	Semiconductor Components Industries, LLC
209.	OSCILLATOR CONTROLLER WITH FIRST AND SECOND VOLTAGE REFERENCE	9455416	12/6/1999	6271735	8/7/2001	Semiconductor Components Industries, LLC
210.	ABSOLUTE CONTROL OF NON OVERLAP TIME IN SWITCH MODE POWER CONTROLLER OUTPUT STAGES	9711386	11/14/2000	6275019	8/14/2001	Semiconductor Components Industries, LLC
211.	CIRCUIT AND METHOD FOR A TRANSISTOR-TRANSISTOR LOGIC (TTL) COMPATIBLE OUTPUT DRIVE	9458736	12/13/1999	6278293	8/21/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
212.	PROGRAMMABLE INTEGRATED PASSIVE DEVICES	9437587	11/9/1999	6281564	8/28/2001	Semiconductor Components Industries, LLC
213.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT FROM A CONDUCTIVE SUBSRATE CONTAINING A PLURALITY OF VIAS	9221433	12/28/1998	6284570	9/4/2001	Semiconductor Components Industries, LLC
214.	VOLTAGE SORCE SWITCHING CIRCUIT AT REDUCED VOLTAGE DROP LEVELS	9309209	5/10/1999	6285091	9/4/2001	Semiconductor Components Industries, LLC
215.	LOW DROP-OUT REGULATOR CAPABLE OF FUNCTIONING IN LINEAR AND SATURATED REGIONS OF OUTPUT DRIVER	9153571	9/15/1998	6285246	9/4/2001	Semiconductor Components Industries, LLC
216.	SWITCHED MODE POWER SUPPLY CONTROLLER CIRCUIT AND METHOD THEREOF	9507652	2/22/2000	6285569	9/4/2001	Semiconductor Components Industries, LLC
217.	NON-VOLATILE SEMICONDUCTOR MEMORY APPARATUS	9049311	3/27/1998	6285589	9/4/2001	Semiconductor Components Industries, LLC
218.	SEMICONDUCTOR DEVICE INCLUDING INSULATION FILM AND FABRICATION METHOD THEREOF	8923901	9/4/1997	6288438	9/11/2001	Semiconductor Components Industries, LLC
219.	PROCESS FOR CHARGE COUPLED IMAGE SENSOR WITH U-SHAPED GATES	9443271	11/18/1999	6300160	10/9/2001	Semiconductor Components Industries, LLC
220.	SEMICONDUCTOR DEVICE WITH FLAME SPRAYED HEAT SPREADING LAYER AND METHOD	8354384	12/12/1994	6300167	10/9/2001	Semiconductor Components Industries, LLC
221.	FLEXIBLE SUBSTRATE FOR PACKAGING A SEMICONDUCTOR COMPONENT	9087674	6/1/1998	6300679	10/9/2001	Semiconductor Components Industries, LLC
222.	SUCCESSIVE APPROXIMATION AD CONVERTER AND MICROCOMPUTER INCORPORATING THE SAME	9631260	8/3/2000	6304203	10/16/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
223.	SEMICONDUCTOR DEVICE HAVING CAPACITANCE ELEMENT AND METHOD OF PRODUCING THE SAME	9444820	11/22/1999	6307251	10/23/2001	Semiconductor Components Industries, LLC
224.	TERMINATION CIRCUITS AND METHODS FOR BUSED AND NETWORKED DEVICES	9605919	6/28/2000	6307395	10/23/2001	Semiconductor Components Industries, LLC
225.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9770208	1/29/2001	6309911	10/30/2001	Semiconductor Components Industries, LLC
226.	SOLID STATE IMAGE SENSING DEVICE AND METHOD OF MANUFACTURING THE SAME	9174027	10/16/1998	6310370	10/30/2001	Semiconductor Components Industries, LLC
227.	SEMICONDUCTOR MEMORY DEVICE	9614778	7/12/2000	6317362	11/13/2001	Semiconductor Components Industries, LLC
228.	TERMINATION CIRCUITS AND METHODS THEREFOR	9705425	11/2/2000	6323675	11/27/2001	Semiconductor Components Industries, LLC
229.	TERMINATION CIRCUITS AND METHODS THEREFOR	9706239	11/2/2000	6323676	11/27/2001	Semiconductor Components Industries, LLC
230.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9441885	11/17/1999	6326232	12/4/2001	Semiconductor Components Industries, LLC
231.	CHIP SIZE PACKAGE AND MANUFACTURING METHOD THEREOF	9512481	2/23/2000	6326701	12/4/2001	Semiconductor Components Industries, LLC
232.	TERMINATION CIRCUITS AND METHODS THEREFOR	9705423	11/2/2000	6326804	12/4/2001	Semiconductor Components Industries, LLC
233.	TERMINATION CIRCUITS AND METHODS THEREFOR	9705520	11/2/2000	6326805	12/4/2001	Semiconductor Components Industries, LLC
234.	SEMICONDUCTOR MEMORY DEVICE INCLUDING SERIAL/PARALLEL CONVERSION CIRCUIT	9816609	3/23/2001	6327206	12/4/2001	Semiconductor Components Industries, LLC
235.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	9489709	1/24/2000	6329288	12/11/2001	Semiconductor Components Industries, LLC
236.	TERMINATION CIRCUITS AND METHODS THEREFOR	9705595	11/2/2000	6329837	12/11/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
237.	TERMINATION CIRCUITS AND METHODS THEREFOR	9705414	11/2/2000	6331786	12/18/2001	Semiconductor Components Industries, LLC
238.	TERMINATION CIRCUITS AND METHODS THEREFOR	9706237	11/2/2000	6331787	12/18/2001	Semiconductor Components Industries, LLC
239.	SURFACE MOUNT SEMICONDUCTOR DIODE DEVICE	8820428	3/12/1997	6333550	12/25/2001	Semiconductor Components Industries, LLC
240.	INTEGRATED IGNITION CIRCUIT AND METHOD	9669451	9/25/2000	6333604	12/25/2001	Semiconductor Components Industries, LLC
241.	METHOD FOR FORMING LOW-LEAKAGE IMPURITY REGIONS BY SEQUENCE OF HIGH- AND LOW- TEMPERATURE TREATMENTS	9518246	3/3/2000	6342440	1/29/2002	Semiconductor Components Industries, LLC
242.	CIRCUITS AND METHODS FOR PROVIDING A BANDGAP VOLTAGE REFERENCE USING COMPOSITE RESISTORS	9834709	4/13/2001	6342781	1/29/2002	Semiconductor Components Industries, LLC
243.	SEMICONDUCTOR DEVICE WITH AN UNDULATING BASE REGION AND METHOD THEREFOR	9426108	10/22/1999	6344379	2/5/2002	Semiconductor Components Industries, LLC
244.	LOGARITHMIC VALUE CALCULATION CIRCUIT	9233661	1/19/1999	6345285	2/5/2002	Semiconductor Components Industries, LLC
245.	CODE ERROR CORRECTING APPARATUS	9354961	7/16/1999	6345374	2/5/2002	Semiconductor Components Industries, LLC
246.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD	9474583	12/29/1999	6346434	2/12/2002	Semiconductor Components Industries, LLC
247.	SOLID STATE IMAGE SENSING DEVICE AND METHOD OF MANUFACTURING THE SAME	9189323	11/9/1998	6348720	2/19/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
248.	READ PROTECTION CIRCUIT OF NONVOLATILE MEMORY	9892984	6/27/2001	6349057	2/19/2002	Semiconductor Components Industries, LLC
249.	NON-VOLATILE SEMICONDUCTOR MEMORY	9375697	8/17/1999	6349061	2/19/2002	Semiconductor Components Industries, LLC
250.	CCD IMAGE SENSOR	8633598	4/17/1996	6351001	2/26/2002	Semiconductor Components Industries, LLC
251.	CIRCUITS AND METHODS FOR PROVIDING A CURRENT REFERENCE WITH A CONTROLLED TEMPERATURE COEFFICIENT USING A SERIES COMPOSITE RESISTOR	9834421	4/13/2001	6351111	2/26/2002	Semiconductor Components Industries, LLC
252.	IMPEDANCE EMULATOR	9637350	8/15/2000	6351137	2/26/2002	Semiconductor Components Industries, LLC
253.	TRACKING SERVO CIRCUIT	9440416	11/15/1999	6351437	2/26/2002	Semiconductor Components Industries, LLC
254.	WRITE CIRCUIT FOR A SEMICONDUCTOR MEMORY DEVICE	9241589	2/2/1999	6353559	3/5/2002	Semiconductor Components Industries, LLC
255.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD	9474403	12/29/1999	6355542	3/12/2002	Semiconductor Components Industries, LLC
256.	SYSTEMS AND METHODS FOR ENHANCING CHARGE TRANSFER AMPLIFIER GAIN	9620277	7/18/2000	6356148	3/12/2002	Semiconductor Components Industries, LLC
257.	ACCURATE SELF-ALIGNED RESISTOR STRUCTURE AND METHOD OF MAKING THE SAME	9783522	2/15/2001	6362067	3/26/2002	Semiconductor Components Industries, LLC
258.	PROGRAMMABLE TERMINATION FOR INTEGRATED CIRCUITS	9630090	8/1/2000	6362644	3/26/2002	Semiconductor Components Industries, LLC
259.	SYNCHRONOUS CIRCUIT FOR FM MULTIPLE BROADCAST RECEIVER	9047824	3/25/1998	6363063	3/26/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
260.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	9557964	4/25/2000	6365433	4/2/2002	Semiconductor Components Industries, LLC
261.	SEMICONDUCTOR INTEGRATED DEVICE COMPRISING A PLURALITY OF BASIC CELLS	9238733	1/28/1999	6369412	4/9/2002	Semiconductor Components Industries, LLC
262.	REGULATED AUXILIARY POWER SUPPLY	9781705	2/12/2001	6369552	4/9/2002	Semiconductor Components Industries, LLC
263.	APPARATUS AND METHOD FOR PROVIDING ADAPTIVE LOOP RESPONSE IN SWITCH-MODE POWER SUPPLY CONTROLLERS	9804336	3/12/2001	6369557	4/9/2002	Semiconductor Components Industries, LLC
264.	METHOD OF MANUFACTURING SEMICONDUCTOR COMPONENTS	9055458	4/6/1998	6372526	4/16/2002	Semiconductor Components Industries, LLC
265.	SEMICONDUCTOR DEVICE HAVING BONDING WIRE SPACED FROM SEMICONDUCTOR CHIP	9138616	8/24/1998	6372625	4/16/2002	Semiconductor Components Industries, LLC
266.	SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME	9033628	3/4/1998	6373100	4/16/2002	Semiconductor Components Industries, LLC
267.	VOLTAGE LEVEL SHIFTING CIRCUIT FOR BIDIRECTIONAL DATA	9637685	8/14/2000	6373284	4/16/2002	Semiconductor Components Industries, LLC
268.	RAIL-TO-RAIL DRIVER FOR USE IN A REGULATOR, AND METHOD	9337714	6/21/1999	6373295	4/16/2002	Semiconductor Components Industries, LLC
269.	METHOD AND APPARATUS FOR PROCESSING IMAGE DATA	9457159	12/8/1999	6373532	4/16/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
270.	SEMICONDUCTOR PACKAGE AND METHOD FOR FORMING SAME	9706599	11/6/2000	6376266	4/23/2002	Semiconductor Components Industries, LLC Stray Assignment to New York Blood Center Inc.
271.	SHARP TRANSITION PUSH-PULL DRIVE CIRCUIT WITH SWITCHING SIGNAL INPUT CIRCUIT	9621037	7/21/2000	6377088	4/23/2002	Semiconductor Components Industries, LLC
272.	CIRCUIT AND METHOD OF MAXIMUM VOLTAGE BIAS CONTROL	9728750	12/4/2000	6377106	4/23/2002	Semiconductor Components Industries, LLC
273.	CIRCUIT AND METHOD FOR PMOS DEVICE N-WELL BIAS CONTROL	9729535	12/5/2000	6377112	4/23/2002	Semiconductor Components Industries, LLC
274.	SWITCHING POWER SUPPLY WITH REDUCED ENERGY TRANSFER DURING A FAULT CONDITION	9745558	12/21/2000	6385060	5/7/2002	Semiconductor Components Industries, LLC
275.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT AND SEMICONDUCTOR COMPONENT THEREOF	9649782	8/29/2000	6387768	5/14/2002	Semiconductor Components Industries, LLC
276.	SEMICONDUCTOR DEVICE AND METHOD FOR PATTERN LAYOUT FOR THE SAME USING TOTAL SIZE OF TRANSISTORS	9487940	1/19/2000	6389583	5/14/2002	Semiconductor Components Industries, LLC
277.	TRANSIENT SUPPRESSING DEVICE AND METHOD	9768579	1/25/2001	6392266	5/21/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
278.	LEAD FRAME FOR ASSEMBLY FOR THIN SMALL OUTLINE PLASTIC ENCAPSULATED PACKAGES	9728391	12/4/2000	6392288	5/21/2002	Semiconductor Components Industries, LLC
279.	SENSE AMPLIFIER WITH IMPROVED SENSITIVITY	9270289	3/16/1999	6392447	5/21/2002	Semiconductor Components Industries, LLC
280.	CIRCUIT AND METHOD FOR A PULSE WIDTH MODULATED	9580324	5/26/2000	6392906	5/21/2002	Semiconductor Components Industries, LLC
281.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9652013	8/31/2000	6395604	5/28/2002	Semiconductor Components Industries, LLC
282.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	9789055	2/20/2001	6399468	6/4/2002	Semiconductor Components Industries, LLC
283.	VARIABLE RESISTANCE CIRCUIT, OPERATIONAL AMPLIFICATION CIRCUIT, SEMICONDUCTOR INTEGRATED CIRCUIT, TIME CONSTANT SWITCHING CIRCUIT AND WAVEFORM SHAPING CIRCUIT	9795443	3/1/2001	6403943	6/11/2002	Semiconductor Components Industries, LLC
284.	CHARGE COUPLED IMAGE SENSOR WITH U-SHAPED GATES	9443011	11/18/1999	6403993	6/11/2002	Semiconductor Components Industries, LLC
285.	SEMICONDUCTOR DEVICE	9520547	3/8/2000	6404016	6/11/2002	Semiconductor Components Industries, LLC
286.	INSULATED GATE BIPOLAR TRANSISTOR	9179739	10/27/1998	6404037	6/11/2002	Semiconductor Components Industries, LLC
287.	CIRCUIT AND METHOD OF A THREE STATE PHASE FREQUENCY LOCK DETECTOR	9699104	10/30/2000	6404240	6/11/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
288.	DIGITAL FILTERS	9237520	1/26/1999	6405229	6/11/2002	Semiconductor Components Industries, LLC
289.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME	9543861	4/5/2000	6410363	6/25/2002	Semiconductor Components Industries, LLC
290.	LOGIC CIRCUIT WITH OUTPUT HIGH VOLTAGE BOOST AND METHOD OF USING	9677610	10/3/2000	6411129	6/25/2002	Semiconductor Components Industries, LLC
291.	BIAS STABILIZER CIRCUIT AND METHOD OF OPERATION	9785750	2/20/2001	6411154	6/25/2002	Semiconductor Components Industries, LLC
292.	SEMICONDUCTOR DEVICE AND METHOD	9802402	3/12/2001	6420756	7/16/2002	Semiconductor Components Industries, LLC
293.	SEMICONDUCTOR DEVICE	9500271	2/8/2000	6424051	7/23/2002	Semiconductor Components Industries, LLC
294.	POWER SUPPLY CIRCUIT AND METHOD	9773469	2/2/2001	6424203	7/23/2002	Semiconductor Components Industries, LLC
295.	LOW VOLTAGE ACMOS REFERENCE WITH IMPROVED PSRR	9633773	8/7/2000	6424205	7/23/2002	Semiconductor Components Industries, LLC
296.	CIRCUIT AND METHOD FOR SENSING AN OVER-CURRENT CONDITION OF A DUAL MODE VOLTAGE CONVERTER	9728860	12/4/2000	6426612	7/30/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
297.	REDUCED DROP OUT DRIVER AND METHOD OF USING	9848197	5/4/2001	6426613	7/30/2002	Semiconductor Components Industries, LLC
298.	PIN PROGRAMMABLE REFERENCE	9702604	11/1/2000	6429680	8/6/2002	Semiconductor Components Industries, LLC
299.	PLL CIRCUIT AND PHASE LOCK DETECTOR	9009484	1/20/1998	6429901	8/6/2002	Semiconductor Components Industries, LLC
300.	ADDRESS GENERATING CIRCUIT	9237804	1/27/1999	6434686	8/13/2002	Semiconductor Components Industries, LLC
301.	METHOD FOR MANUFACTURING A SEMICONDUCTOR PACKAGE ON A LEADFRAME	9710623	11/13/2000	6436736	8/20/2002	Semiconductor Components Industries, LLC
302.	DELAY LOCK LOOP WITH WIDE FREQUENCY RANGE CAPABILITY	9741317	12/19/2000	6437616	8/20/2002	Semiconductor Components Industries, LLC
303.	OSCILLATING CIRCUIT	9821576	3/29/2001	6437651	8/20/2002	Semiconductor Components Industries, LLC
304.	IMAGING APPARATUS AND NETWORK SYSTEM USING THE SAME	9207000	12/7/1998	6438587	8/20/2002	Semiconductor Components Industries, LLC
305.	REDUNDANCY MEMORY CIRCUIT	9892935	6/27/2001	6442083	8/27/2002	Semiconductor Components Industries, LLC
306.	RADIO RECEIVER	9450902	11/29/1999	6445909	9/3/2002	Semiconductor Components Industries, LLC
307.	HIGH VOLTAGE METAL OXIDE DEVICE WITH ENHANCED WELL REGION	9808966	3/16/2001	6448625	9/10/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
308.	CIRCUIT AND METHOD FOR HIGH-SPEED BREAK-BEFORE-MAKE ELECTRONIC SWITCH	9808829	3/16/2001	6448838	9/10/2002	Semiconductor Components Industries, LLC
309.	METHOD OF FABRICATING A SEMICONDUCTOR DEVICE WITH A DECREASED MOUNTING AREA	9584076	6/1/2000	6451628	9/17/2002	Semiconductor Components Industries, LLC
310.	CIRCUIT AND METHOD OF OPERATING A LOW-NOISE, ON-DEMAND REGULATOR IN SWITCHED OR LINEAR MODE	9733723	12/11/2000	6452368	9/17/2002	Semiconductor Components Industries, LLC
311.	VOLTAGE TRIMMABLE RESISTOR	9957193	9/19/2001	6452478	9/17/2002	Semiconductor Components Industries, LLC
312.	METHOD FOR MANUFACTURING AN ELECTRONIC DEVICE	9874969	6/7/2001	6461893	10/8/2002	Semiconductor Components Industries, LLC
313.	CONSTANT SPEED, VARIABLE RESOLUTION TWO-PHASE CCD	9028006	2/23/1998	6462779	10/8/2002	Semiconductor Components Industries, LLC
314.	SEMICONDUCTOR INTEGRATED CIRCUIT AND DIGITAL CAMERA COMPRISING THE SAME	9666478	9/20/2000	6465817	10/15/2002	Semiconductor Components Industries, LLC
315.	VOLTAGE REGULATION EMPLOYING A COMPOSITE FEEDBACK SIGNAL	9431024	11/1/1999	6465993	10/15/2002	Semiconductor Components Industries, LLC
316.	SEMICONDUCTOR MEMORY DEVICE HAVING SWITCHING AND MEMORY CELL TRANSISTORS WITH THE MEMORY CELL HAVING THE LOWER THRESHOLD VOLTAGE	9537804	3/24/2000	6466502	10/15/2002	Semiconductor Components Industries, LLC
317.	SEMICONDUCTOR DEVICE HAVING SILICON OXITE SIDEWALLS	9747974	12/27/2000	6469391	10/22/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
318.	POWER SUPPLY CIRCUIT AND METHOD THEREOF TO DETECT DEMAGNITIZATION OF THE POWER SUPPLY	9785751	2/20/2001	6469484	10/22/2002	Semiconductor Components Industries, LLC
319.	POWER SUPPLY CIRCUIT AND METHOD	9821988	4/2/2001	6469567	10/22/2002	Semiconductor Components Industries, LLC
320.	SOLDER CLAD LEAD FRAME FOR ASSEMBLY OF SEMICONDUCTOR DEVICES AND METHOD	9728388	12/4/2000	6472731	10/29/2002	Semiconductor Components Industries, LLC
321.	REDUCED NOISE BAND GAP REFERENCE WITH CURRENT FEEDBACK AND METHOD OF USING	9848198	5/4/2001	6472928	10/29/2002	Semiconductor Components Industries, LLC
322.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT AND SEMICONDUCTOR COMPONENT THEREOF	9728392	12/4/2000	6475834	11/5/2002	Semiconductor Components Industries, LLC
323.	HALF-BRIDGE INVERTER CIRCUIT	10059276	1/31/2002	6486714	11/26/2002	Semiconductor Components Industries, LLC
324.	CONTROLLER FOR DATA RECORDER	9718173	11/21/2000	6487616	11/26/2002	Semiconductor Components Industries, LLC
325.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE	9783794	2/15/2001	6489661	12/3/2002	Semiconductor Components Industries, LLC
326.	METHOD FOR MANUFACTURING A HIGH VOLTAGE MOSFET DEVICE WITH REDUCED ON-RESISTANCE	9920655	8/3/2001	6492679	12/10/2002	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
327.	MERGED SEMICONDUCTOR DEVICE AND METHOD	9849898	5/7/2001	6492687	12/10/2002	Semiconductor Components Industries, LLC
328.	PULSE WIDTH CONTROL CIRCUIT	9273617	3/22/1999	6493305	12/10/2002	Semiconductor Components Industries, LLC
329.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	9911924	7/24/2001	6495379	12/17/2002	Semiconductor Components Industries, LLC
330.	CONSTANT CURRENT GENERATION CIRCUIT, CONSTANT VOLTAGE GENERATION CIRCUIT, CONSTANT VOLTAGE/CONSTANT CURRENT GENERATION CIRCUIT, AND AMPLIFICATION CIRCUIT	9921787	8/6/2001	6496057	12/17/2002	Semiconductor Components Industries, LLC
331.	SEMICONDUCTOR DEVICE AND METHOD OF INTEGRATING TRENCH STRUCTURES	9977935	10/17/2001	6498069	12/24/2002	Semiconductor Components Industries, LLC
332.	METHOD AND APPARATUS FOR CONTROLLING TRACK JUMP	9444924	11/24/1999	6501714	12/31/2002	Semiconductor Components Industries, LLC
333.	DYNAMIC THRESHOLDING MODULE WITH IR LED LIGHT SOURCE FOR A CONTACT IMAGE SENSOR	9505393	2/16/2000	6501865	12/31/2002	Semiconductor Components Industries, LLC
334.	SEMICONDUCTOR INTEGRATED CIRCUIT AND DIGITAL CAMERA COMPRISING THE SAME	9666477	9/20/2000	6504187	1/7/2003	Semiconductor Components Industries, LLC
335.	FAST LINE DUMP STRUCTURE FOR SOLID STATE IMAGE SENSOR	9533050	3/22/2000	6507056	1/14/2003	Semiconductor Components Industries, LLC
336.	SEMICONDUCTOR DEVICE AND METHOD OF MAKING	8755926	11/25/1996	6507070	1/14/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
337.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9939840	8/28/2001	6511864	1/28/2003	Semiconductor Components Industries, LLC
338.	TRANSIENT VOLTAGE SUPPRESSOR WITH DIODE OVERLAYING ANOTHER DIODE FOR CONSERVING SPACE	9788710	2/21/2001	6515345	2/4/2003	Semiconductor Components Industries, LLC
339.	CHARGE PUMP CIRCUIT FOR PHASE-LOCKED LOOP CIRCUITRY	9783631	2/14/2001	6515520	2/4/2003	Semiconductor Components Industries, LLC
340.	CHARGE PUMP CIRCUIT	9769034	1/25/2001	6515535	2/4/2003	Semiconductor Components Industries, LLC
341.	SWITCHING REGULATOR CONTROL CIRCUIT WITH PROACTIVE TRANSIENT RESPONSE	9537319	3/29/2000	6518738	2/11/2003	Semiconductor Components Industries, LLC
342.	CIRCUIT AND METHOD FOR REDUCING LEAKAGE CURRENT WITHIN AN ELECTRONIC SYSTEM	9854866	5/14/2001	6518834	2/11/2003	Semiconductor Components Industries, LLC
343.	CIRCUITS AND METHODS FOR INITIALIZING MEMORY CELLS	10016163	12/10/2001	6519177	2/11/2003	Semiconductor Components Industries, LLC
344.	MANUFACTURING METHOD FOR A SEMICONDUCTOR DEVICE	9632170	8/3/2000	6521482	2/18/2003	Semiconductor Components Industries, LLC
345.	SEMICONDUCTOR DEVICE WITH HIHG RESISTIVITY	10119711	4/11/2002	6522012	2/18/2003	Semiconductor Components Industries, LLC
346.	DC-DC CONVERTER CIRCUIT FOR PREVENTING BEAT INTERFERENCE	9675624	9/29/2000	6522107	2/18/2003	Semiconductor Components Industries, LLC
347.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	9911972	7/24/2001	6528330	3/4/2003	Semiconductor Components Industries, LLC
348.	METHOD AND APPARATUS FOR DETERMINING FAN SPEED	9595953	6/19/2000	6528987	3/4/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
349.	METHOD OF MAKING A SEMICONDUCTOR DEVICE WITH A LOW PERMITTIVITY REGION	10123657	4/17/2002	6531376	3/11/2003	Semiconductor Components Industries, LLC
350.	METHOD OFMAKING A CHIP SIZE PACKAGE	9680613	10/6/2000	6534387	3/18/2003	Semiconductor Components Industries, LLC
351.	HIGH EFFICIENCY CHARGE PUMP CIRCUIT	9948484	9/7/2001	6535052	3/18/2003	Semiconductor Components Industries, LLC
352.	SEMICONDUCTOR DEVICE AND A METHOD OF FABRICATING THE SAME	9153346	9/15/1998	6537899	3/25/2003	Semiconductor Components Industries, LLC
353.	VARIABLE RESISTANCE CIRCUIT, OPERATIONAL AMPLIFICATION CIRCUIT, SEMICONDUCTOR INTEGRATED CIRCUIT, TIME CONSTANT SWITCHING CIRCUIT AND WAVEFORM SHAPING CIRCUIT	10137427	5/3/2002	6538246	3/25/2003	Semiconductor Components Industries, LLC
354.	METHOD FOR CONTROLLING STEPPING MOTOR	10154159	5/23/2002	6541935	4/1/2003	Semiconductor Components Industries, LLC
355.	METHOD TO INCREASE CONVERSION GAIN OF AN ACTIVE PIXEL, AND CORRESPONDING ACTIVE PIXEL	9993821	11/6/2001	6545303	4/8/2003	Semiconductor Components Industries, LLC
356.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	9946216	9/5/2001	6545337	4/8/2003	Semiconductor Components Industries, LLC
357.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	9810110	3/16/2001	6545364	4/8/2003	Semiconductor Components Industries, LLC
358.	SOLID-STATE IMAGE PICKUP APPARATUS	9014944	1/28/1998	6545713	4/8/2003	Semiconductor Components Industries, LLC
359.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	9610767	7/6/2000	6546534	4/8/2003	Semiconductor Components Industries, LLC
360.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10122169	4/15/2002	6549156	4/15/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
361.	MAGNETIC MEMORY DEVICE INCLUDING STORAGE ELEMENT EXHIBITING FERROMAGNETIC TUNNEL EFFECT	9985770	11/6/2001	6549455	4/15/2003	Semiconductor Components Industries, LLC
362.	METHOD FOR MANUFACTURING A NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE	9488917	1/19/2000	6551867	4/22/2003	Semiconductor Components Industries, LLC
363.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THEREOF	9491033	1/25/2000	6555459	4/29/2003	Semiconductor Components Industries, LLC
364.	SEMICONDUCTOR DEVICE	9520950	3/8/2000	6555857	4/29/2003	Semiconductor Components Industries, LLC
365.	NMOSFET WITH NEGATIVE VOLTAGE CAPABILITY FORMED IN P-TYPE SUBSTRATE AND METHOD OF MAKING THE SAME	9939552	8/27/2001	6555877	4/29/2003	Semiconductor Components Industries, LLC
366.	METHOD AND APPARATUS FOR NON-LINEAR TERMINATION OF A TRANSMISSION LINE	10210771	7/31/2002	6556040	4/29/2003	Semiconductor Components Industries, LLC
367.	METHOD AND APPARATUS FOR MAINTAINING STABILITY IN A CIRCUIT UNDER VARIABLE LOAD CONDITIONS	9736461	12/15/2000	6556083	4/29/2003	Semiconductor Components Industries, LLC
368.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE HAVING ELEMENT ISOLATION TRENCH	9960494	9/24/2001	6559031	5/6/2003	Semiconductor Components Industries, LLC
369.	LATERAL DOUBLE DIFFUSED MOS TRANSISTOR	10039830	1/4/2002	6559504	5/6/2003	Semiconductor Components Industries, LLC
370.	SYNCHRONOUS CIRCUIT OF FM MULTIPLEX BROADCASTING RECEIVER	9255525	2/22/1999	6560207	5/6/2003	Semiconductor Components Industries, LLC
371.	REFERENCE-FREE CHARGE TRANSFER AMPLIFIER	10034801	12/26/2001	6566943	5/20/2003	Semiconductor Components Industries, LLC
372.	PULSE SIGNAL DELAY CIRCUIT	9273182	3/19/1999	6567490	5/20/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
373.	ADAPTIVE EQUALIZATION CIRCUIT AND METHOD	8811414	3/4/1997	6570916	5/27/2003	Semiconductor Components Industries, LLC
374.	SEMICONDUCTOR SWITCHING DEVICE	10152880	5/24/2002	6573529	6/3/2003	Semiconductor Components Industries, LLC
375.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10091991	3/6/2002	6576518	6/10/2003	Semiconductor Components Industries, LLC
376.	INSULATED GATE FIELD EFFECT SEMICONDUCTOR DEVICE	9917239	7/30/2001	6576955	6/10/2003	Semiconductor Components Industries, LLC
377.	COMPOUND SEMICONDUCTOR DEVICE WITH DEPLETION LAYER STOP REGION	9973197	10/10/2001	6580107	6/17/2003	Semiconductor Components Industries, LLC
378.	DIGITAL CAMERA INCORPORATING HIGH FRAME RATE MODE	9185038	11/3/1998	6580457	6/17/2003	Semiconductor Components Industries, LLC
379.	ACCUMULATION MODE CLOCKING OF A CHARGE-COUPLED DEVICE	10263169	10/2/2002	6586784	7/1/2003	Semiconductor Components Industries, LLC
380.	PHASE SHIFT CIRCUIT AND FM DETECTOR CIRCUIT	9821395	3/28/2001	6586922	7/1/2003	Semiconductor Components Industries, LLC
381.	METHOD AND APPARATUS FOR PROVIDING INTEGRATED LOW POWER SELF-SUPPLY IN SWITCHED MODE POWER SUPPLIES	9707800	11/8/2000	6587357	7/1/2003	Semiconductor Components Industries, LLC
382.	METHOD FOR MANUFACTURING AN ELECTRONIC DEVICE PACKAGE	9710786	11/13/2000	6588098	7/8/2003	Semiconductor Components Industries, LLC
383.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10195166	7/16/2002	6589845	7/8/2003	Semiconductor Components Industries, LLC
384.	IMAGE SENSOR HAVING A CAPACITANCE CONTROL GATE FOR IMPROVED GAIN CONTROL AND ELIMINATING UNDESIRED CAPACITANCE	10074519	2/12/2002	6590238	7/8/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
385.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	10029895	12/21/2001	6590273	7/8/2003	Semiconductor Components Industries, LLC
386.	LOGARITHMIC AMPLIFIER	10061993	2/1/2002	6590437	7/8/2003	Semiconductor Components Industries, LLC
387.	METHOD OF MAKING HYBRID INTEGRATED CIRCUIT DEVICE	10183757	6/27/2002	6593169	7/15/2003	Semiconductor Components Industries, LLC
388.	DATA RECORDER	9717777	11/21/2000	6594213	7/15/2003	Semiconductor Components Industries, LLC
389.	SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THEREOF	9716782	11/20/2000	6599782	7/29/2003	Semiconductor Components Industries, LLC
390.	METHOD OF FORMING A VOLTAGE DETECTION DEVICE AND STRUCTURE THEREFOR	10254274	9/25/2002	6605978	8/12/2003	Semiconductor Components Industries, LLC
391.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT	9764981	1/16/2001	6610143	8/26/2003	Semiconductor Components Industries, LLC
392.	METHOD OF FORMING ISOLATION FILM IN SEMICONDUCTOR DEVICE	9584850	6/1/2000	6610581	8/26/2003	Semiconductor Components Industries, LLC
393.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10194165	7/15/2002	6613622	9/2/2003	Semiconductor Components Industries, LLC
394.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE HAVING ELEMENT ISOLATION TRENCH	10015756	12/17/2001	6613635	9/2/2003	Semiconductor Components Industries, LLC
395.	MANUFACTURING METHOD OF GATE INSULATING FILM	10215198	8/9/2002	6613659	9/2/2003	Semiconductor Components Industries, LLC
396.	METHOD AND APPARATUS FOR COMBINED MEASUREMENT OF SURFACE NON-UNIFORMITY INDEX OF REFRACTION VARIATTION AND THICKNESS VARIATION	9460280	12/14/1999	6614534	9/2/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
397.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	9748230	12/27/2000	6617240	9/9/2003	Semiconductor Components Industries, LLC
398.	IMAGE PICKUP APPARATUS FOR CONTROLLING THE DISCHARGE OF INFORMATION CHARGES IN THE IMAGE PICKUP APPARATUS	8978071	11/25/1997	6618085	9/9/2003	Semiconductor Components Industries, LLC
399.	SEMICONDUCTOR DEVICE HAVING REGIONS OF LOW SUBSTRATE CAPACITANCE	9964727	9/28/2001	6621136	9/16/2003	Semiconductor Components Industries, LLC
400.	SEMICONDUCTOR DEVICE AND METHOD OF ACTIVATING A PROTECTION CIRCUIT WITH A SAMPLING PULSE	9811271	3/19/2001	6624995	9/23/2003	Semiconductor Components Industries, LLC
401.	SEMICONDUCTOR SWITCHING DEVICE	10163873	6/7/2002	6627956	9/30/2003	Semiconductor Components Industries, LLC
402.	SCHOTTKY BARRIER DIODE	10205608	7/26/2002	6627967	9/30/2003	Semiconductor Components Industries, LLC
403.	MULTICHIP MODULE	9957155	9/20/2001	6630744	10/7/2003	Semiconductor Components Industries, LLC
404.	APPARATUS AND METHOD FOR PROVIDING OVERCURRENT PROTECTION FOR SWITCH-MODE POWER SUPPLIES	9777241	2/6/2001	6631064	10/7/2003	Semiconductor Components Industries, LLC
405.	LOW VOLTAGE TRANSIENT VOLTAGE SUPPRESSOR AND METHOD OF MAKING	9849720	5/4/2001	6633063	10/14/2003	Semiconductor Components Industries, LLC
406.	METHOD OF FORMING A SWITCHING DEVICE AND STRUCTURE THEREFOR	10117209	4/8/2002	6633193	10/14/2003	Semiconductor Components Industries, LLC
407.	INTEGRATED CIRCUIT FOR DRIVING LIQUID CRYSTAL	9455856	12/7/1999	6633271	10/14/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
408.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	9652891	8/31/2000	6635925	10/21/2003	Semiconductor Components Industries, LLC
409.	BI-DIRECTIONAL TRANSMITTER/RECEIVER SYSTEM AND BI-DIRECTIONAL TRANSMITTER/RECEIVER	9218673	12/22/1998	6636550	10/21/2003	Semiconductor Components Industries, LLC
410.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING IT	9789163	2/20/2001	6638827	10/28/2003	Semiconductor Components Industries, LLC
411.	SILICON SUB-MOUNT CAPABLE OF SINGLE WIRE BONDING AND OF PROVIDING ESD PROTECTION FOR LIGHT EMITTING DIODE DEVICES	10228728	8/26/2002	6642550	11/4/2003	Semiconductor Components Industries, LLC
412.	NONVOLATILE SEMICONDUCTOR MEMORY	10271556	10/17/2002	6642571	11/4/2003	Semiconductor Components Industries, LLC
413.	CIRCUIT AND METHOD OF DIRECT DUTY CYCLE CURRENT SHARING	9690145	10/17/2000	6642631	11/4/2003	Semiconductor Components Industries, LLC
414.	BANDGAP VOLTAGE REFERENCE USING DIFFERENTIAL PAIRS TO PERFORM TEMPERATURE CURVATURE COMPENSATION	10134108	4/29/2002	6642699	11/4/2003	Semiconductor Components Industries, LLC
415.	SIGNAL AMPLIFICATION DEVICE WITH CIRCUIT MAINTAINING POTENTIAL OF INPUT SIDE OF CURRENT MIRROR CIRCUIT AT PREDETERMINED VALUE	10104642	3/21/2002	6642792	11/4/2003	Semiconductor Components Industries, LLC
416.	SEMICONDUCTOR DEVICE AND SEMICONDUCTOR MODULE	9809857	3/16/2001	6646331	11/11/2003	Semiconductor Components Industries, LLC
417.	FAST LINE DUMP STRUCTURE FOR SOLID STATE IMAGE SENSOR	10293672	11/13/2002	6649442	11/18/2003	Semiconductor Components Industries, LLC
418.	FREQUENCY-VARIABLE RC OSCILLATOR AND MICROCOMPUTER	10051508	1/17/2002	6653907	11/25/2003	Semiconductor Components Industries, LLC
419.	INTEGRATED CIRCUIT FOR DRIVING LIQUID CRYSTAL	9460171	12/10/1999	6653999	11/25/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
420.	METHOD OF FORMING A LOW VOLTAGE SEMICONDUCTOR STORAGE DEVICE AND STRUCTURE THEREFOR	10228399	8/27/2002	6654312	11/25/2003	Semiconductor Components Industries, LLC
421.	A METHOD OF MANUFACTURING A CHIP SIZE PACKAGE	9684604	10/6/2000	6656758	12/2/2003	Semiconductor Components Industries, LLC
422.	SEMICONDUCTOR DEVICE AND METHOD OF PROVIDING REGIONS OF LOW SUBSTRATE CAPACITANCE	10102505	3/20/2002	6661068	12/9/2003	Semiconductor Components Industries, LLC
423.	HETEROJUNCTION SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING	9945683	9/5/2001	6664574	12/16/2003	Semiconductor Components Industries, LLC
424.	VOLTAGE MODE VOLTAGE REGULATOR WITH CURRENT MODE START-UP	10153986	5/23/2002	6664773	12/16/2003	Semiconductor Components Industries, LLC
425.	SEMICONDUCTOR DEVICE HAVING CAPACITANCE ELEMENT AND METHOD OF PRODUCING THE SAME	9924047	8/7/2001	6670236	12/30/2003	Semiconductor Components Industries, LLC
426.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10059870	1/29/2002	6674114	1/6/2004	Semiconductor Components Industries, LLC
427.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10189748	7/8/2002	6674305	1/6/2004	Semiconductor Components Industries, LLC
428.	METHOD AND APPARATUS FOR PROCESSING IMAGE DATA	9448028	11/23/1999	6674465	1/6/2004	Semiconductor Components Industries, LLC
429.	CODE ERROR CORRECTING AND DETECTING APPARATUS	9692893	10/20/2000	6675343	1/6/2004	Semiconductor Components Industries, LLC
430.	SOLID STATE IMAGE SENSOR AND METHOD FOR MANUFACTURING THE SAME	9721866	11/24/2000	6677177	1/13/2004	Semiconductor Components Industries, LLC
431.	HICCUP-MODE SHORT CIRCUIT PROTECTION CIRCUIT AND METHOD FOR LINEAR VOLTAGE REGULATORS	9882998	6/14/2001	6680837	1/20/2004	Semiconductor Components Industries, LLC
432.	MANUFACTURING METHOD OF SCHOTTKY BARRIER DIODE	10205620	7/26/2002	6682968	1/27/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
433.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	9652892	8/31/2000	6683349	1/27/2004	Semiconductor Components Industries, LLC
434.	MULTIPLE OR GRADED EPITAXIAL WAFERS FOR PARTICLE OR RADIATION DETECTION	10056573	1/24/2002	6683360	1/27/2004	Semiconductor Components Industries, LLC
435.	DIGITAL DATA COINCIDENCE DETERMINING CIRCUIT	10066723	2/6/2002	6686776	2/3/2004	Semiconductor Components Industries, LLC
436.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	9814942	3/23/2001	6689642	2/10/2004	Semiconductor Components Industries, LLC
437.	INSULATED GATE SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD	9925628	8/10/2001	6690070	2/10/047	Semiconductor Components Industries, LLC
438.	RADIATION RESISTANT SEMICONDUCTOR DEVICE STRUCTURE	10233894	9/3/2002	6690074	2/10/2004	Semiconductor Components Industries, LLC
439.	SEMICONDUCTOR DEVICE INCLUDING INSULATION FILM AND FABRICATION METHOD THEREOF	9716334	11/21/2000	6690084	2/10/2004	Semiconductor Components Industries, LLC
440.	OPTICAL SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND MANUFACTURING METHOD FOR THE SAME	10355220	1/31/2003	6692982	2/17/2004	Semiconductor Components Industries, LLC
441.	SEMICONDUCTOR DEVICE	10290126	11/7/2002	6693341	2/17/2004	Semiconductor Components Industries, LLC
442.	FAST-DUMP STRUCTURE FOR FULL-FRAME IMAGE SENSORS WITH LOD ANTIBLOOMING STRUCTURES	9533051	3/22/2000	6693671	2/17/2004	Semiconductor Components Industries, LLC
443.	CONTROL METHOD OF DC-DC CONVERTER	10244775	9/16/2002	6693808	2/17/2004	Semiconductor Components Industries, LLC
444.	SRAM ROW REDUNDANCY	9799884	3/5/2001	6694448	2/17/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
445.	VARIABLE RESISTANCE CIRCUIT, OPERATIONAL AMPLIFICATION CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT	10358310	2/5/2003	6696680	2/24/2004	Semiconductor Components Industries, LLC
446.	LDD HIGH VOLTAGE MOS TRANSISTOR	9829258	4/9/2001	6696734	2/24/2004	Semiconductor Components Industries, LLC
447.	DIGITAL DEMODULATION APPARATUS	9536199	3/27/2000	6700941	3/2/2004	Semiconductor Components Industries, LLC
448.	RUNTIME PROGRAMMABLE REED-SOLOMON DECODER	9613471	7/11/2000	6704901	3/9/2004	Semiconductor Components Industries, LLC
449.	POLYGONAL STRUCTURE SEMICONDUCTOR DEVICE	10215260	8/9/2002	6707119	3/16/2004	Semiconductor Components Industries, LLC
450.	PRIMARY SIDE SENSING CIRCUIT AND METHOD FOR PRODUCING A SECONDARY SIDE CONSTANT CURRENT, CONSTANT VOLTAGE OUTPUT	9608928	7/3/2000	6707283	3/16/2004	Semiconductor Components Industries, LLC
451.	LOW VOLTAGE ENHANCED OUTPUT IMPEDANCE CURRENT MIRROR	10373912	2/24/2003	6707286	3/16/2004	Semiconductor Components Industries, LLC
452.	A SEMICONDUCTOR INTEGRATED CIRCUIT RELATED TO A CIRCUIT OPERATING ON THE BASIS OF A CLOCK SIGNAL	9745990	12/26/2000	6707328	3/16/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
453.	CONTROL METHOD OF CHARGE-PUMP CIRCUIT	10177862	6/20/2002	6707335	3/16/2004	Semiconductor Components Industries, LLC
454.	WHITE BALANCE ADJUSTING APPARATUS	9344751	6/25/1999	6710821	3/23/2004	Semiconductor Components Industries, LLC
455.	SRUCTURES AND METHODS FOR DIRECT CONVERSION FROM RADIO FREQUENCY MODULATED SIGNALS TO BASEBAND SIGNALS	9716305	11/20/2000	6711397	3/23/2004	Semiconductor Components Industries, LLC
456.	INTEGRATED CIRCUIT AND LAMINATED LEADFRAME PACKAGE	10215279	8/12/2002	6713317	3/30/2004	Semiconductor Components Industries, LLC
457.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	9944452	8/31/2001	6713331	3/30/2004	Semiconductor Components Industries, LLC
458.	DUAL DIE MEMORY	10014928	12/11/2001	6713855	3/30/2004	Semiconductor Components Industries, LLC
459.	SEMICONDUCTOR DEVICE AND THE MANUFACTURING METHOD THEREOF	10183980	6/28/2002	6717243	4/6/2004	Semiconductor Components Industries, LLC
460.	METHOD OF FORMING AN AUDIO AMPLIFIER VOLTAGE REFERENCE AND STRUCTURE THEREFOR	10270413	10/15/2002	6717473	4/6/2004	Semiconductor Components Industries, LLC
461.	A CIRCUIT FOR CONTROLLING A NON-CONDUCTIVE STATE OF A USB INTERFACE	10010348	11/8/2001	6717477	4/6/2004	Semiconductor Components Industries, LLC
462.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE INCLUDING CIRCUIT BLOCK HAVING HIERARCHICAL STRUCTURE AND METHOD OF DESIGNING THE SAME	10011978	12/11/2001	6721932	4/13/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
463.	LEAD FRAME, RESIN SEALING MOLD AND METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE USING THE SAME	10291815	11/12/2002	6724072	4/20/2004	Semiconductor Components Industries, LLC
464.	APPARATUS AND METHOD FOR MEASURING DIGITAL IMAGER, PACKAGE AND WAFER BOW AND DEVIATION FROM FLATNESS	10163519	6/6/2002	6724487	4/20/2004	Semiconductor Components Industries, LLC
465.	METHOD FOR REUSING RESOURCE FOR DESIGNING OPERATIONAL AMPLIFIER, LAYOUT GENERATING APPARATUS, AND LAYOUT GENERATING PROGRAM	10053870	1/24/2002	6727747	4/27/2004	Semiconductor Components Industries, LLC
466.	TRENCH GROWTH TECHNIQUES USING SELECTIVE EPITAXY	9705274	11/3/2000	6730606	5/4/2004	Semiconductor Components Industries, LLC
467.	QUADRATURE DEMODULATION CIRCUIT CAPABLE OF CANCELING OFFSET	9534426	3/23/2000	6731698	5/4/2004	Semiconductor Components Industries, LLC
468.	CHARGE PUMP DEVICE	10067701	2/5/2002	6734475	5/11/2004	Semiconductor Components Industries, LLC
469.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	9900093	7/6/2001	6737285	5/18/2004	Semiconductor Components Industries, LLC
470.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10215188	8/9/2002	6737707	5/18/2004	Semiconductor Components Industries, LLC
471.	SWITCHING CIRCUIT DEVICE	10073363	2/13/2002	6737890	5/18/2004	Semiconductor Components Industries, LLC
472.	SEMICONDUCTOR DEVICE FOR IMPROVING SUSTAINING VOLTAGE	9837397	4/18/2001	6740932	5/25/2004	Semiconductor Components Industries, LLC
473.	SEMICONDUCTOR DEVICE	10080832	2/21/2002	6742169	5/25/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
474.	ABSOLUTE VALUE AMPLITUDE BASEBAND DETECTOR	10262437	9/30/2002	6744309	6/1/2004	Semiconductor Components Industries, LLC
475.	POWER AMPLIFIER DRIVER AND METHOD OF USING	10138973	5/2/2002	6744313	6/1/2004	Semiconductor Components Industries, LLC
476.	CD-ROM DECODER AND METHOD FOR TEMPORARILY STORING AND RETRIEVING DIGITAL DATA	9678987	10/4/2000	6745349	6/1/2004	Semiconductor Components Industries, LLC
477.	INTEGRATED CIRCUIT AND LAMINATED LEADFRAME PACKAGE	10183287	6/27/2002	6747341	6/8/2004	Semiconductor Components Industries, LLC
478.	METHOD AND APPARATUS FOR NON-LINEAR TERMINATION OF A TRANSMISSION LINE	10389281	3/13/2003	6747476	6/8/2004	Semiconductor Components Industries, LLC
479.	PROGRAMMABLE DATA DEVICE AND METHOD THEREFOR	10217661	8/13/2002	6747477	6/8/2004	Semiconductor Components Industries, LLC
480.	DECIMATION FILTER AND INTERPOLATION FILTER	10668631	9/23/2003	6750793	6/15/2004	Semiconductor Components Industries, LLC
481.	METHOD OF FORMING A LOW RESISTANCE SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10270419	10/15/2002	6753228	6/22/2004	Semiconductor Components Industries, LLC
482.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURING	9802726	3/12/2001	6756273	6/29/2004	Semiconductor Components Industries, LLC
483.	LOW VOLTAGE AMPLIFYING CIRCUIT	10087712	3/1/2002	6756839	6/29/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
484.	STRUCTURE AND METHOD OF MAKING A HIGH PERFORMANCE SEMICONDUCTOR DEVICE HAVING A NARROW DOPING PROFILE	10307590	12/2/2002	6764918	7/20/2004	Semiconductor Components Industries, LLC
485.	DIFFERENTIAL NOR MEMORY CELL HAVING TWO FLOATING GATE TRANSISTORS	10387824	3/12/2003	6765825	7/20/2004	Semiconductor Components Industries, LLC
486.	SEMICONDUCTOR DEVICE AND LAMINATED LEADFRAME PACKAGE	10270401	10/15/2002	6768186	7/27/2004	Semiconductor Components Industries, LLC
487.	STABLE FLOATING GATE VOLTAGE REFERENCE USING INTERCONNECTED CURRENT-TO-VOLTAGE AND VOLTAGE-TO-CURRENT CONVERTERS	10393333	3/20/2003	6768371	7/27/2004	Semiconductor Components Industries, LLC
488.	EXPOSURE CONTROL CIRCUIT FOR SOLID-STATE IMAGING APPARATUS	9495419	1/31/2000	6768511	7/27/2004	Semiconductor Components Industries, LLC
489.	DEFICIENT PIXEL DETECTION METHOD AND IMAGE SIGNAL PROCESSOR	9680705	10/6/2000	6768513	7/27/2004	Semiconductor Components Industries, LLC
490.	SEMICONDUCTOR INTEGRATED CIRCUIT HAVING PADS WITH LESS INPUT SIGNAL ATTENUATION	9552085	2/24/2000	6771112	8/3/2004	Semiconductor Components Industries, LLC
491.	METHOD OF FORMING A BI-DIRECTIONAL SYNCHRONIZATION CONTROLLER	10359319	2/7/2003	6771138	8/3/2004	Semiconductor Components Industries, LLC
492.	SEMICONDUCTOR MEMORY DEVICE	10384792	3/11/2003	6771548	8/3/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
493.	METHOD FOR MANUFACTURING A HIGH VOLTAGE MOSFET SEMICONDUCTOR DEVICE WITH ENHANCED CHARGE CONTROLLABILITY	9917731	7/31/2001	6773997	8/10/2004	Semiconductor Components Industries, LLC
494.	SOLID STATE IMAGING DEVICE AND METHOD FOR DRIVING SOLID STATE IMAGING DEVICE	10150226	5/17/2002	6774350	8/10/2004	Semiconductor Components Industries, LLC
495.	MANUFACTURING METHOD OF SCHOTTKY BARRIER DIODE	10205605	7/26/2002	6777277	8/17/2004	Semiconductor Components Industries, LLC
496.	INTERLINED CHARGE-COUPLED DEVICE HAVING AN EXTENDED DYNAMIC RANGE	10098859	3/15/2002	6777661	8/17/2004	Semiconductor Components Industries, LLC
497.	SEMICONDUCTOR BIDIRECTIONAL SWITCHING DEVICE AND METHOD	9766966	1/23/2001	6781195	8/24/2004	Semiconductor Components Industries, LLC
498.	UP-DOWN VOLTAGE CONVERTER CIRCUIT AND METHOD OF OPERATING SYNCHRONOUSLY AND NON-SYNCHRONOUSLY	10102506	3/20/2002	6781353	8/24/2004	Semiconductor Components Industries, LLC
499.	METHOD OF FORMING A PROTECTION CIRCUIT AND STRUCTURE THEREFOR	10429399	5/6/2003	6781502	8/24/2004	Semiconductor Components Industries, LLC
500.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THEREOF	9652044	8/31/2000	6784059	8/31/2004	Semiconductor Components Industries, LLC
501.	STRUCTURE AND METHOD OF DIRECT CHIP ATTACH	10237123	9/9/2002	6787392	9/7/2004	Semiconductor Components Industries, LLC
502.	DRIVE APPARATUS FOR CCD IMAGE SENSOR	9775402	2/1/2001	6787751	9/7/2004	Semiconductor Components Industries, LLC
503.	INTEGRATED SCHOTTKY BARRIER DIODE AND MANUFACTURING METHOD THEREOF	10283331	10/30/2002	6787871	9/7/2004	Semiconductor Components Industries, LLC
504.	LIMITER CIRCUIT	10393569	3/21/2003	6791309	9/14/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
505.	METHOD OF FORMING A VOLTAGE REGULATOR SEMICONDUCTOR DEVICE HAVING FEEDBACK AND STRUCTURE THEREFOR	10156285	5/28/2002	6791390	9/14/2004	Semiconductor Components Industries, LLC
506.	ADDRESS CONVERSION DEVICE FOR NONVOLATILE MEMORY	9420875	10/19/1999	6792565	9/14/2004	Semiconductor Components Industries, LLC
507.	METHOD FOR CREATING A LATERAL OVERFLOW DRAIN, ANTI-BLOOMING STRUCTURE IN A CHARGE COUPLED DEVICE	10628184	7/28/2003	6794219	9/21/2004	Semiconductor Components Industries, LLC
508.	SEMICONDUCTOR DEVICE AND FABRICATION METHOD THEREOF	9320271	5/27/1999	6794283	9/21/2004	Semiconductor Components Industries, LLC
509.	USE OF IRREGULARLY SHAPED CONDUCTIVE FILLER FEATURES TO IMPROVE PLANARIZATION OF THE CONDUCTIVE LAYER WHILE REDUCING PARASITIC CAPACITANCE INTRODUCED BY THE FILLER FEATURES	10348093	1/21/2003	6794691	9/21/2004	Semiconductor Components Industries, LLC
510.	CHARACTER READING CIRCUIT	9672594	9/28/2000	6795073	9/21/2004	Semiconductor Components Industries, LLC
511.	SMART CARD READER CIRCUIT AND METHOD OF MONITORING	9845114	4/30/2001	6796501	9/28/2004	Semiconductor Components Industries, LLC
512.	METHOD OF FORMING A POWER SYSTEM AND STRUCTURE THEREFOR	10388252	3/12/2003	6798178	9/28/2004	Semiconductor Components Industries, LLC
513.	BUFFER CIRCUIT WITH PROGRAMMABLE SWITCHING THRESHOLDS	10376395	3/3/2003	6798267	9/28/2004	Semiconductor Components Industries, LLC
514.	BOOSTER AND IMAGING DEVICE USING BOOSTER	10400754	3/27/2003	6798274	9/28/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
515.	OPTICAL DISC PLAYER WITH SLEEP MODE	9518343	3/3/2000	6799242	9/28/2004	Semiconductor Components Industries, LLC
516.	APPARATUS AND METHOD FOR CONTROLLING A POWER SUPPLY	9785084	2/20/2001	6800961	10/5/2004	Semiconductor Components Industries, LLC
517.	METHOD OF MAKING A VERTICAL GATE SEMICONDUCTOR DEVICE	10219167	8/16/2002	6803317	10/12/2004	Semiconductor Components Industries, LLC
518.	SEMICONDUCTOR DEVICE HAVING SILICIDE FILM AND METHOD OF FABRICATING SEMICONDUCTOR DEVICE	10243744	9/16/2002	6803636	10/12/2004	Semiconductor Components Industries, LLC
519.	OPTICAL TEST STRUCTURE FOR MEASURING CHARGE-TRANSFER EFFICIENCY	9736936	12/14/2000	6803960	10/12/2004	Semiconductor Components Industries, LLC
520.	SEMICONDUCTOR DEVICE	10460666	6/13/2003	6809354	10/26/2004	Semiconductor Components Industries, LLC
521.	INTEGRATED CIRCUIT WITH VERTICAL PNP TRANSISTOR AND METHOD	10303168	11/25/2002	6809396	10/26/2004	Semiconductor Components Industries, LLC
522.	METHOD OF FORMING A POWER DEVICE AND STRUCTURE THEREFOR	10228374	8/27/2002	6809559	10/26/2004	Semiconductor Components Industries, LLC
523.	MEMORY PROTECTION METHOD AND CIRCUIT SPECIFYING ATTRIBUTES ON ACCESS	10180684	6/24/2002	6810471	10/26/2004	Semiconductor Components Industries, LLC
524.	CHIP SIZE PACKAGE WITH STRESS RELIEVING INTERNAL TERMINAL	10442685	5/20/2003	6812581	11/2/2004	Semiconductor Components Industries, LLC
525.	METHOD OF FORMING AN RF DETECTOR AND STRUCTURE THEREFOR	10369471	2/21/2003	6812686	11/2/2004	Semiconductor Components Industries, LLC
526.	TEST METHOD OF INTERNAL CONNECTIONS IN A SEMICONDUCTOR PACKAGE	10650387	8/28/2003	6812728	11/2/2004	Semiconductor Components Industries, LLC
527.	BURIED, FULLY DEPLETABLE, HIGH FILL FACTOR PHOTODIODES	9460630	12/14/1999	6815791	11/9/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
528.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10437524	5/14/2003	6815799	11/9/2004	Semiconductor Components Industries, LLC
529.	A HOLLOW AIRTIGHT SEMICONDUCTOR DEVICE PACKAGE	9963267	9/26/2001	6815808	11/9/2004	Semiconductor Components Industries, LLC
530.	STATIC RANDOM ACCESS MEMORY (SRAM) WITHOUT PRECHARGE CIRCUITRY	10406526	4/3/2003	6816401	11/9/2004	Semiconductor Components Industries, LLC
531.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10016142	12/17/2001	6818492	11/16/2004	Semiconductor Components Industries, LLC
532.	SEMICONDUCTOR DEVICE AND METHOD OF PROVIDING REGIONS OF LOW SUBSTRATE CAPACITANCE	10632636	8/4/2003	6818525	11/16/2004	Semiconductor Components Industries, LLC
533.	VERTICAL COMPOUND SEMICONDUCTOR FIELD EFFECT TRANSISTOR STRUCTURE	10623397	7/18/2003	6818939	11/16/2004	Semiconductor Components Industries, LLC
534.	TRENCH MOSFET WITH INCREASED CHANNEL DENSITY	9649368	8/28/2000	6818946	11/16/2004	Semiconductor Components Industries, LLC
535.	SEMICONDUCTOR DEVICE	10283365	10/30/2002	6818969	11/16/2004	Semiconductor Components Industries, LLC
536.	SWITCHED CAPACITOR VOLTAGE REFERENCE CIRCUITS USING TRANSCONDUCTANCE CIRCUIT TO GENERATE REFERENCE VOLTAGE	10401082	3/27/2003	6819163	11/16/2004	Semiconductor Components Industries, LLC
537.	STIMULATED QUICK START OSCILLATOR	10384094	3/7/2003	6819195	11/16/2004	Semiconductor Components Industries, LLC
538.	PATTERN LAYOUT METHOD OF SEMICONDUCTOR DEVICE	10080823	2/21/2002	6820246	11/16/2004	Semiconductor Components Industries, LLC
539.	SEMICONDUCTOR DEVICE	10329851	12/26/2002	6822298	11/23/2004	Semiconductor Components Industries, LLC
540.	SEMICONDUCTOR DEVICE	10374727	2/27/2003	6822338	11/23/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
541.	SYMMETRIC AND COMPLEMENTARY DIFFERENTIAL AMPLIFIER	10446306	5/28/2003	6822513	11/23/2004	Semiconductor Components Industries, LLC
542.	MULTI-STAGE PIPELINE TYPE ANALOG-TO-DIGITAL CONVERSION CIRCUIT FOR ADJUSTING INPUT SIGNALS	10673137	9/30/2003	6822598	11/23/2004	Semiconductor Components Industries, LLC
543.	SOLID-STATE IMAGING APPARATUS	9512754	2/25/2000	6822689	11/23/2004	Semiconductor Components Industries, LLC
544.	BONDING DEVICE	10201064	7/22/2002	6824037	11/30/2004	Semiconductor Components Industries, LLC
545.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE INCLUDING AN INSULATION FILM ON A CONDUCTIVE LAYER	9228148	1/11/1999	6825132	11/30/2004	Semiconductor Components Industries, LLC
546.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10253901	9/25/2002	6828626	12/7/2004	Semiconductor Components Industries, LLC
547.	FABRICATION METHOD OF SEMICONDUCTOR DEVICE AND ABRASIVE LIQUID USED THEREIN	8921250	8/29/1997	6831015	12/14/2004	Semiconductor Components Industries, LLC
548.	VIBRATOR CONTROLLING CIRCUIT	10413582	4/15/2003	6831428	12/14/2004	Semiconductor Components Industries, LLC
549.	METHOD OF FORMING A VARIABLE PROPAGATION DELAY SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10369230	2/20/2003	6831516	12/14/2004	Semiconductor Components Industries, LLC
550.	SEMICONDUCTOR DEVICE AND PACKAGING SYSTEM THEREFORE	10294912	11/15/2002	6833608	12/21/2004	Semiconductor Components Industries, LLC
551.	MULTILAYER WIRING BOARD WITH MOUNTING PAD	10310139	12/5/2002	6833616	12/21/2004	Semiconductor Components Industries, LLC
552.	DC-DC CONVERTER	10244624	9/16/2002	6834001	12/21/2004	Semiconductor Components Industries, LLC
553.	DIRECT CHIP ATTACH STRUCTURE AND METHOD	10603258	6/26/2003	6835580	12/28/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
554.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	9963839	9/26/2001	6838765	1/4/2005	Semiconductor Components Industries, LLC
555.	METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE	10374728	2/27/2003	6841421	1/11/2005	Semiconductor Components Industries, LLC
556.	METHOD OF FORMING A VERTICAL POWER SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10464971	6/20/2003	6841437	1/11/2005	Semiconductor Components Industries, LLC
557.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE HAVING ALIGNMENT MARK	10103997	3/25/2002	6841451	1/11/2005	Semiconductor Components Industries, LLC
558.	CELL STRUCTURE FOR BIPOLAR INTEGRATED CIRCUITS AND METHOD	10637405	8/8/2003	6841810	1/11/2005	Semiconductor Components Industries, LLC
559.	POWER MANAGEMENT METHOD AND STRUCTURE	10374099	2/27/2003	6842068	1/11/2005	Semiconductor Components Industries, LLC
560.	SEMICONDUCTOR DEVICE	10603091	6/25/2003	6844593	1/18/2005	Semiconductor Components Industries, LLC
561.	DUAL DIFFERENTIAL-INPUT AMPLIFIER HAVING WIDE INPUT RANGE	10615440	7/7/2003	6844781	1/18/2005	Semiconductor Components Industries, LLC
562.	SEQUENTIAL COMPARISON TYPE AD CONVERTER AND MICROCOMPUTER	10721746	11/26/2003	6847322	1/25/2005	Semiconductor Components Industries, LLC
563.	SEMICONDUCTOR DEVICE AND PATTERN LAYOUT METHOD THEREOF	10080831	2/21/2002	6849947	2/1/2005	Semiconductor Components Industries, LLC
564.	HYBRID REGULATOR WITH SWITCHING AND LINEAR SECTIONS	10387206	3/13/2003	6850044	2/1/2005	Semiconductor Components Industries, LLC
565.	METHOD OF FORMING A LEADFRAME FOR A SEMICONDUCTOR PACKAGE	10638181	8/11/2003	6852574	2/8/2005	Semiconductor Components Industries, LLC
566.	LOW COST METHOD OF PROVIDING A SEMICONDUCTOR DEVICE HAVING A HIGH CHANNEL DENSITY	10184187	6/27/2002	6852634	2/8/2005	Semiconductor Components Industries, LLC
567.	SEMICONDUCTOR SWITCHING CIRCUIT DEVICE AND	10414490	4/16/2003	6853072	2/8/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	MANUFACTURING METHOD THEREOF					
568.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	10656142	9/8/2003	6858489	2/22/2005	Semiconductor Components Industries, LLC
569.	ANALOG-DIGITAL CONVERSION CIRCUIT	10653251	9/3/2003	6859158	2/22/2005	Semiconductor Components Industries, LLC
570.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	9891580	6/26/2001	6861372	3/1/2005	Semiconductor Components Industries, LLC
571.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	10462829	6/17/2003	6864172	3/8/2005	Semiconductor Components Industries, LLC
572.	BUMP CHIP LEAD FRAME AND PACKAGE	9736462	12/15/2000	6864423	3/8/2005	Semiconductor Components Industries, LLC
573.	CHARGE PUMP DEVICE	10329842	12/26/2002	6864525	3/8/2005	Semiconductor Components Industries, LLC
574.	HIGH BREAKDOWN VOLTAGE CMOS DEVICE	10329643	12/26/2002	6864543	3/8/2005	Semiconductor Components Industries, LLC
575.	INTEGRATED INRUSH CURRENT LIMITER CIRCUIT AND METHOD	10291015	11/12/2002	6865063	3/8/2005	Semiconductor Components Industries, LLC
576.	METHOD OF FORMING A BODY CONTACT OF A TRANSISTOR AND STRUCTURE THEREFOR	10426515	5/1/2003	6867083	3/15/2005	Semiconductor Components Industries, LLC
577.	COMPOUND SEMICONDUCTOR DEVICE	10211311	8/5/2002	6867115	3/15/2005	Semiconductor Components Industries, LLC
578.	DOUBLE-SIDED EXTENDED DRAIN FIELD EFFECT TRANSISTOR, AND INTEGRATED OVERVOLTAGE AND REVERSE VOLTAGE PROTECTION CIRCUIT THAT USES THE SAME	10611714	7/1/2003	6867640	3/15/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
579.	POWER SWITCHING TRANSISTOR WITH LOW DRAIN TO GATE CAPACITANCE	10313225	12/9/2002	6870221	3/22/2005	Semiconductor Components Industries, LLC
580.	DISTRIBUTED MEMORY AND LOGIC CIRCUITS	10422137	4/24/2003	6870398	3/22/2005	Semiconductor Components Industries, LLC
581.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	10768170	2/2/2004	6872632	3/29/2005	Semiconductor Components Industries, LLC
582.	SEMICONDUCTOR DEVICE WITH SMOOTHED PAD PORTION	10076154	2/14/2002	6873053	3/29/2005	Semiconductor Components Industries, LLC
583.	COMPOUND SEMICONDUCTOR SWITCHING DEVICE FOR HIGH FREQUENCY SWITCHING	9855030	5/15/2001	6873828	3/29/2005	Semiconductor Components Industries, LLC
584.	CIRCUIT AND METHOD FOR A PROGRAMMABLE REFERENCE VOLTAGE	10217497	8/13/2002	6876249	4/5/2005	Semiconductor Components Industries, LLC
585.	CMOS PIXEL DESIGN FOR MINIMIZATION OF DEFECT-INDUCED LEAKAGE CURRENT	10244723	9/16/2002	6881992	4/19/2005	Semiconductor Components Industries, LLC
586.	CHARGE PUMP DEVICE	10329718	12/26/2002	6881997	4/19/2005	Semiconductor Components Industries, LLC
587.	SEMICONDUCTOR SWITCHING DEVICE	10016143	12/17/2001	6882210	4/19/2005	Semiconductor Components Industries, LLC
588.	ANALOG-TO-DIGITAL CONVERSION CIRCUIT AND IMAGE PROCESSING CIRCUIT FOR STEPWISE CONVERSION OF A SIGNAL THROUGH MULTIPLE STAGES OF CONVERSION UNITS	10808566	3/25/2004	6882297	4/19/2005	Semiconductor Components Industries, LLC
589.	SOLID-STATE IMAGE PICKUP APPARATUS	10042640	1/8/2002	6882370	4/19/2005	Semiconductor Components Industries, LLC
590.	INTEGRA TED OVERVOL TAGE AND REVERSE VOLTAGE PROTECTION CIRCUIT	10243749	9/13/2002	6882513	4/19/2005	Semiconductor Components Industries, LLC
591.	CLOCK SIGNAL GENERATOR FOR SOLID-STATE IMAGING APPARATUS	9495427	1/31/2000	6885401	4/26/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
592.	METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	10392878	3/21/2003	6887767	5/3/2005	Semiconductor Components Industries, LLC
593.	SEMICONDUCTOR INTEGRATED CIRCUIT	10278091	10/23/2002	6888378	5/3/2005	Semiconductor Components Industries, LLC
594.	METHOD OF MAKING A LEAD-FREE INTEGRATED CIRCUIT PACKAGE	9817330	3/26/2001	6889429	5/10/2005	Semiconductor Components Industries, LLC
595.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	10449726	6/2/2003	6890831	5/10/2005	Semiconductor Components Industries, LLC
596.	SEMICONDUCTOR SWITCHING CIRCUIT DEVICE	10414492	4/16/2003	6891267	5/10/2005	Semiconductor Components Industries, LLC
597.	SEMICONDUCTOR ASSEMBLY METHOD AND EQUIPMENT THEREFOR	10623870	7/18/2003	6892976	5/17/2005	Semiconductor Components Industries, LLC
598.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10352859	1/29/2003	6893903	5/17/2005	Semiconductor Components Industries, LLC
599.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE WITH PROTECTION AGAINST ELECTROSTATIC DISCHARGE	10603083	6/25/2003	6893926	5/17/2005	Semiconductor Components Industries, LLC
600.	SEMICONDUCTOR DEVICE, SEMICONDUCTOR MODULE AND HARD DISK	10652184	8/29/2003	6894375	5/17/2005	Semiconductor Components Industries, LLC and Sanyo Electric Co. Ltd.
601.	POWER SUPPLY CIRCUIT	10390284	3/17/2003	6894469	5/17/2005	Semiconductor Components Industries, LLC
602.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10816856	4/5/2004	6897117	5/24/2005	Semiconductor Components Industries, LLC
603.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD USING MASK SLANTING FROM ORIENTATION FLAT	10189775	7/8/2002	6897126	5/24/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
604.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	9444819	11/22/1999	6897525	5/24/2005	Semiconductor Components Industries, LLC
605.	SEMICONDUCTOR POWER DEVICE HAVING A DIAMOND SHAPED METAL INTERCONNECT SCHEME	10454870	6/6/2003	6897561	5/24/2005	Semiconductor Components Industries, LLC
606.	VIBRATOR CONTROLLING CIRCUIT	10032936	12/27/2001	6897766	5/24/2005	Semiconductor Components Industries, LLC
607.	MICROCOMPUTER COMPRISING ELECTRIC POWER SOURCE WITHOUT CONDENSER FOR BACKUP FOR CHANGING POWER SOURCE LEVEL BASED ON POWER SUPPLY STOPPED OR RESUMED	10085013	2/28/2002	6898719	5/24/2005	Semiconductor Components Industries, LLC
608.	METHOD FOR RECYCLING OF PLATING SOLUTIONS	10813251	3/30/2004	6899802	5/31/2005	Semiconductor Components Industries, LLC
609.	METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE INCLUDING A MULTI-LAYER INTERCONNECT STRUCTURE	10669058	9/24/2003	6900125	5/31/2005	Semiconductor Components Industries, LLC
610.	ANALOG-TO-DIGITAL CONVERSION CIRCUIT	10663984	9/17/2003	6900749	5/31/2005	Semiconductor Components Industries, LLC
611.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME	10374521	2/27/2003	6906410	6/14/2005	Semiconductor Components Industries, LLC
612.	METHOD OF FORMING A REFERENCE VOLTAGE GENERATOR AND STRUCTURE THEREFOR	10464100	6/19/2003	6906580	6/14/2005	Semiconductor Components Industries, LLC
613.	INTEGRATED CIRCUIT FOR IMAGE PICKUP DEVICE	10100634	3/15/2002	6907536	6/14/2005	Semiconductor Components Industries, LLC
614.	DIGITALLY CONTROLLED IMPEDANCE DRIVER MATCHING FOR WIDE VOLTAGE SWINGS AT INPUT/OUTPUT NODE AND HAVING PROGRAMMABLE STEP SIZE	10637840	8/8/2003	6909305	6/21/2005	Semiconductor Components Industries, LLC
615.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME	10136368	5/2/2002	6911353	6/28/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
616.	SWITCHING CIRCUIT DEVICE	10686788	10/17/2003	6914280	7/5/2005	Semiconductor Components Industries, LLC
617.	PLL CIRCUIT AND DATA RECORDING CONTROLLER EACH HAVING DUAL PHASE-LOCKED LOOP	10634151	8/4/2003	6914465	7/5/2005	Semiconductor Components Industries, LLC
618.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THEREOF	10197575	7/18/2002	6916743	7/12/2005	Semiconductor Components Industries, LLC
619.	FOUR-COMPONENT PIXEL STRUCTURE LEADING TO IMPROVED IMAGE QUALITY	10187479	6/28/2002	6917029	7/12/2005	Semiconductor Components Industries, LLC
620.	SEMICONDUCTOR DEVICE COMPRISING AN INTERCONNECT STRUCTURE WITH A MODIFIED LOW DIELECTRIC INSULATION LAYER	10310138	12/5/2002	6917110	7/12/2005	Semiconductor Components Industries, LLC
621.	LDMOS TRANSISTOR WITH ENHANCED TERMINATION REGION FOR HIGH BREAKDOWN VOLTAGE WITH LOW ONRESISTANCE	10384144	3/10/2003	6919598	7/19/2005	Semiconductor Components Industries, LLC
622.	SEMICONDUCTOR DEVICE WITH EXPOSED ELECTRODES	10650433	8/28/2003	6919624	7/19/2005	Semiconductor Components Industries, LLC
623.	SEMICONDUCTOR DEVICE INCLUDING AN ISLAND-LIKE DIELECTRIC MEMBER EMBEDDED IN A CONDUCTIVE PATTERN	10076355	2/19/2002	6921976	7/26/2005	Semiconductor Components Industries, LLC
624.	SEMICONDUCTOR DEVICE HAVING A MOS TRANSISTORS AND BIPOLAR TRANSISTORS ON A SINGLE SEMICONDUCTOR SUBSTRATE	10816188	4/2/2004	6924534	8/2/2005	Semiconductor Components Industries, LLC
625.	DIFFERENTIAL TRANSISTOR AND METHOD THEREFOR	10670978	9/26/2003	6930517	8/16/2005	Semiconductor Components Industries, LLC
626.	METHOD AND CIRCUIT FOR OPTIMIZING POWER EFFICIENCY IN A DC-DC CONVERTER	10662062	9/15/2003	6933706	8/23/2005	Semiconductor Components Industries, LLC
627.	PHASE LOCKED LOOP CIRCUIT	10777481	2/12/2004	6933790	8/23/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
628.	CMOS CURRENT MODE RF DETECTOR AND METHOD	10078516	2/21/2002	6934520	8/23/2005	Semiconductor Components Industries, LLC
629.	SOLID STATE IMAGING DEVICE AND METHOD FOR MANUFACTURING SOLID STATE IMAGING DEVICE	10382413	3/5/2003	6936873	8/30/2005	Semiconductor Components Industries, LLC
630.	CIRCUIT DEVICE HAVING A MULTI-LAYER CONDUCTIVE PATH	10171824	6/14/2002	6936927	8/30/2005	Semiconductor Components Industries, LLC
631.	METHOD OF FORMING A HIGH EFFICIENCY POWER CONTROLLER	10638227	8/11/2003	6936997	8/30/2005	Semiconductor Components Industries, LLC
632.	SEMICONDUCTOR DEVICE AND A METHOD OF FABRICATING THE SAME	9988272	11/19/2001	6939776	9/6/2005	Semiconductor Components Industries, LLC
633.	POWER CONTROL SYSTEM STARTUP METHOD AND CIRCUIT	10685094	10/14/2003	6940320	9/6/2005	Semiconductor Components Industries, LLC
634.	DATA RECORDING CONTROLLER	10402388	3/28/2003	6940791	9/6/2005	Semiconductor Components Industries, LLC
635.	POWER SYSTEM INHIBIT METHOD AND DEVICE AND STRUCTURE THEREFOR	10685091	10/14/2003	6943069	9/13/2005	Semiconductor Components Industries, LLC
636.	SEMICONDUCTOR BIDIRECTIONAL SWITCHING DEVICE	10840486	5/6/2004	6943408	9/13/2005	Semiconductor Components Industries, LLC
637.	CURRENT CONTROL METHOD AND APPLICATION THEREOF	10721096	11/26/2003	6943720	9/13/2005	Semiconductor Components Industries, LLC
638.	CIRCUIT DEVICE AND METHOD OF MANUFACTURE THEREOF	10733726	12/11/2003	6946724	9/20/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
639.	BI-DIRECTIONAL CURRENT MEASUREMENT CIRCUIT THAT USES A TRANSCONDUCTANCE AMPLIFIER TO GENERATE A COPY CURRENT	10442618	5/20/2003	6946828	9/20/2005	Semiconductor Components Industries, LLC
640.	CHARGE PUMP CIRCUIT	10263405	10/2/2002	6946899	9/20/2005	Semiconductor Components Industries, LLC
641.	CURRENT OUTPUT CIRCUIT	10741037	12/19/2003	6946900	9/20/2005	Semiconductor Components Industries, LLC
642.	NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE AND CONTROLLING METHOD OF THE SAME	10850441	5/21/2004	6947325	9/20/2005	Semiconductor Components Industries, LLC
643.	METHOD FOR MANUFACTURING CIRCUIT DEVICES	10664333	9/17/2003	6949470	9/27/2005	Semiconductor Components Industries, LLC
644.	POWER SWITCH STRUCTURE WITH LOW RDSON AND LOW CURRENT LIMIT AND METHOD	10678769	10/6/2003	6949961	9/27/2005	Semiconductor Components Industries, LLC
645.	SINE GENERATION CIRCUIT, PHASE SHIFT CIRCUIT AND TINT ADJUSTMENT CIRCUIT	10142931	5/13/2002	6952239	10/4/2005	Semiconductor Components Industries, LLC
646.	LINEAR REGULATOR WITH OVERCURRENT PROTECTION	10681813	10/7/2003	6952334	10/4/2005	Semiconductor Components Industries, LLC
647.	CIRCUIT DEVICE MANUFACTURING METHOD	10724918	12/1/2003	6953712	10/11/2005	Semiconductor Components Industries, LLC
648.	SEMICONDUCTOR FILTER CIRCUIT AND METHOD	10166288	6/11/2002	6953980	10/11/2005	Semiconductor Components Industries, LLC
649.	METHOD OF FORMING A VARIABLE FREQUENCY OSCILLATOR AND STRUCTURE THEREFOR	10642539	8/18/2003	6954112	10/11/2005	Semiconductor Components Industries, LLC
650.	MICROCOMPUTER AND METHOD OF CONTROLLING THE SAME	10010306	11/8/2001	6954815	10/11/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
651.	SWITCHED NOISE FILTER CIRCUIT FOR A DC-DC CONVERTER	10762650	1/21/2004	6958594	10/25/2005	Semiconductor Components Industries, LLC
652.	METHODS FOR SIDEWALL PROTECTION OF METAL INTERCONNECT FOR UNLANDED VIAS USING PHYSICAL VAPOR DEPOSITION	10373911	2/24/2003	6960529	11/1/2005	Semiconductor Components Industries, LLC
653.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	9943667	8/31/2001	6963109	11/8/2005	Semiconductor Components Industries, LLC
654.	SEMICONDUCTOR DEVICE WITH UNDER-FILL MATERIAL BELOW A SURFACE OF A SEMICONDUCTOR CIHP	9809923	3/16/2001	6963126	11/8/2005	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.
655.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10893223	7/19/2004	6967139	11/22/2005	Semiconductor Components Industries, LLC
656.	SEMICONDUCTOR INTEGRATED CIRCUIT	10278030	10/23/2002	6967406	11/22/2005	Semiconductor Components Industries, LLC
657.	CHARGE PUMP CIRCUIT	9776011	2/2/2001	6970035	11/29/2005	Semiconductor Components Industries, LLC
658.	CONTROLLED FREQUENCY POWER FACTOR CORRECTION CIRCUIT AND METHOD	10432537	5/22/2003	6970365	11/29/2005	Semiconductor Components Industries, LLC
659.	CIRCUIT DEVICE WITH CONDUCTIVE PATTERNS SEPARATED BY INSULATING RESIN-FILLED GROOVES	10733730	12/11/2003	6972477	12/6/2005	Semiconductor Components Industries, LLC
660.	METHOD OF MANUFACTURING A HYBRID INTEGRATED CIRCUIT DEVICE	10183736	6/27/2002	6974727	12/13/2005	Semiconductor Components Industries, LLC
661.	BOARD FOR MANUFACTURING A BGA AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE USING THEREOF	9809917	3/16/2001	6975022	12/13/2005	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
662.	HYBRID INTEGRATED CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	10183758	6/27/2002	6975024	12/13/2005	Semiconductor Components Industries, LLC
663.	ANALOG-TO-DIGITAL CONVERTER CYCLICALLY REPEATING AD COVERSION	10950569	9/28/2004	6977604	12/20/2005	Semiconductor Components Industries, LLC
664.	METHOD OF FORMING A LOW QUIESCENT CURRENT VOLTAGE REGULATOR AND STRUCTURE THEREFOR	10412507	4/14/2003	6979984	12/27/2005	Semiconductor Components Industries, LLC
665.	METHOD OF FORMING A SUPER-JUNCTION SEMICONDUCTOR DEVICE	10841670	5/10/2004	6982193	1/3/2006	Semiconductor Components Industries, LLC
666.	LATERAL FET STRUCTURE WITH IMPROVED BLOCKING VOLTAGE AND ON RESISTANCE PERFORMANCE AND METHOD	10729292	12/8/2003	6982461	1/3/2006	Semiconductor Components Industries, LLC
667.	METHOD OF FORMING A TRANSISTOR DRIVER AND STRUCTURE THEREFOR	10805405	3/22/2004	6982574	1/3/2006	Semiconductor Components Industries, LLC
668.	REVERSE VOLTAGE GENERATION CIRCUIT	11058429	2/16/2005	6982910	1/3/2006	Semiconductor Components Industries, LLC
669.	SEMICONDUCTOR DEVICE WITH PARALLEL PLATE TRENCH CAPACITOR AND METHOD	10305773	11/27/2002	6984860	1/10/2006	Semiconductor Components Industries, LLC
670.	SEMICONDUCTOR DEVICE FORMED HAVING A METAL LAYER FOR CONDUCTING THE DEVICE CURRENT AND FOR HIGH CONTRAST MAKING AND METHOD THEREOF	10854465	5/27/2004	6984876	1/10/2006	Semiconductor Components Industries, LLC
671.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10814063	3/31/2004	6987030	1/17/2006	Semiconductor Components Industries, LLC
672.	TRENCH MOSFET WITH INCREASED CHANNEL DENSITY	10950754	9/27/2004	6987040	1/17/2006	Semiconductor Components Industries, LLC
673.	OVER-VOLTAGE PROTECTION CIRCUIT AND METHOD THEREFOR	11001962	12/2/2004	6987378	1/17/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
674.	SYMMETRICAL HIGH FREQUENCY SCR STRUCTURE	10615171	7/9/2003	6989572	1/24/2006	Semiconductor Components Industries, LLC
675.	VOLTAGE-CONTROLLED OSCILLATOR	10633885	8/4/2003	6992536	1/31/2006	Semiconductor Components Industries, LLC
676.	CONTROLLER OF DATA RECORDER	9748506	12/26/2000	6992957	1/31/2006	Semiconductor Components Industries, LLC
677.	SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME	10671458	9/29/2003	6995434	2/7/2006	Semiconductor Components Industries, LLC
678.	ANALOG-TO-DIGITAL CONVERTING CIRCUIT AND IMAGE PROCESSING CIRCUIT CYCLICALLY REPEATING AD CONVERSION	10831270	4/26/2004	6995703	2/7/2006	Semiconductor Components Industries, LLC
679.	METHOD FOR REDUCING DARK CURRENT	9660105	9/12/2000	6995795	2/7/2006	Semiconductor Components Industries, LLC
680.	METHOD AND APPARATUS FOR CONTROLLING AN EXPOSURE PERIOD OF A SOLID-STATE IMAGING APPARATUS BASED UPON AN IMAGE SIGNAL OUTPUT	9499229	2/7/2000	6995801	2/7/2006	Semiconductor Components Industries, LLC
681.	MANUFACTURING METHOD OF MICRO-LENS, MANUFACTURING METHOD OF SOLID-STATE IMAGE PICKUP DEVICE AND SOLID-STATE IMAGE PICKUP DEVICE	10980332	11/4/2004	6995915	2/7/2006	Semiconductor Components Industries, LLC
682.	RESIN SEALING-TYPE SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10793100	3/4/2004	6998701	2/14/2006	Semiconductor Components Industries, LLC
683.	CHARGE CONTROL CIRCUIT AND METHOD OF ADJUSTING VOLTAGE FOR DETECTING FULL CHARGE OF SECONDARY BATTERY IN SAME	10680978	10/7/2003	6998817	2/14/2006	Semiconductor Components Industries, LLC
684.	SINGLE PHASE MOTOR UNIT, METHOD OF DRIVING SINGLE PHASE MOTOR AND INTEGRATED CIRCUIT	10699263	10/30/2003	7002307	2/21/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
685.	SYSTEM AND METHOD FOR STARTUP BOOTSTRAP FOR INTERNAL REGULATORS	10825720	4/16/2004	7002387	2/21/2006	Semiconductor Components Industries, LLC
686.	PIPELINED AND CYCLIC ANALOG-TO-DIGITAL CONVERTERS	10945880	9/22/2004	7002507	2/21/2006	Semiconductor Components Industries, LLC
687.	ADAPTIVE DIVERSITY RECEIVER ARCHITECTURE	10430455	5/6/2003	7006809	2/28/2006	Semiconductor Components Industries, LLC
688.	REACTIVE SENSOR MODULES USING PADE' APPROXIMANT BASED COMPENSATION AND PROVIDING MODULE-SOURCED EXCITATION	10870314	6/16/2004	7006938	2/28/2006	Semiconductor Components Industries, LLC and Panasonic Electric Works Co., Ltd.
689.	DATA REPRODUCING CONTROLLER	10439939	5/16/2003	7007221	2/28/2006	Semiconductor Components Industries, LLC
690.	SINGLE PHASE MOTOR DRIVING UNIT	11145100	6/3/2005	7009351	3/7/2006	Semiconductor Components Industries, LLC
691.	TEMPERATURE STABLE VOLTAGE REFERENCE CIRCUIT USING A METAL-SILICON SCHOTTKY DIODE FOR LOW VOLTAGE CIRCUIT APPLICATIONS	10770233	2/2/2004	7009444	3/7/2006	Semiconductor Components Industries, LLC
692.	RESET DRIVER CIRCUIT DISPOSED ON THE SAME SUBSTRATE AS THE IMAGE SENSOR	10116478	4/4/2002	7012646	3/14/2006	Semiconductor Components Industries, LLC
693.	CHARGE-COUPLED DEVICES HAVING EFFICIENT CHARGE TRANSFER RATES	10964101	10/13/2004	7015520	3/21/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
694.	CIRCUIT DEVICE	10948066	9/23/2004	7019409	3/28/2006	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.
695.	DATA PROCESSOR WITH SERIAL TRANSFER OF CONTROL PROGRAM	10422150	4/24/2003	7020825	3/28/2006	Semiconductor Components Industries, LLC
696.	METHOD OF FORMING A LOW THERMAL RESISTANCE DEVICE AND STRUCTURE	10964021	10/14/2004	7022564	4/4/2006	Semiconductor Components Industries, LLC
697.	METHOD OF FORMING A MULTI-PHASE POWER SUPPLY CONTROLLER	10937684	9/10/2004	7023188	4/4/2006	Semiconductor Components Industries, LLC
698.	METHOD OF MANUFACTURING CIRCUIT DEVICES	10211758	8/2/2002	7026190	4/11/2006	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.
699.	METHOD FOR MANUFACTURING CIRCUIT DEVICES	10663394	9/16/2003	7030033	4/18/2006	Semiconductor Components Industries, LLC
700.	LOW VOLTAGE TRANSIENT VOLTAGE SUPPRESSOR	10620259	7/15/2003	7030447	4/18/2006	Semiconductor Components Industries, LLC
701.	SEMICONDUCTOR DEVICE AND SWITCHING ELEMENT	10869551	6/15/2004	7030501	4/18/2006	Semiconductor Components Industries, LLC
702.	AD CONVERTER	10981908	11/5/2004	7030802	4/18/2006	Semiconductor Components Industries, LLC
703.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	10875604	6/25/2004	7033933	4/25/2006	Semiconductor Components Industries, LLC
704.	SCHOTIKY BARRIER DIODE SEMICONDUCTO DEVICE	10953073	9/30/2004	7034376	4/25/2006	Semiconductor Components Industries, LLC
705.	LOW-VOLTAGE DIFFERENTIAL SIGNAL (LVDS) TRANSMITTER WITH HIGH SIGNAL INTEGRITY	10920009	8/17/2004	7034574	4/25/2006	Semiconductor Components Industries, LLC
706.	DYNAMIC PHASE ALIGNMENT OF A CLOCK AND DATA SIGNAL USING AN ADJUSTABLE CLOCK DELAY LINE	10933742	9/3/2004	7034597	4/25/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
707.	METHOD OF FORMING A FLOATING CHARGE PUMP AND STRUCTURE THEREFOR	10811050	3/29/2004	7034602	4/25/2006	Semiconductor Components Industries, LLC
708.	DECODER	10770778	2/3/2004	7035182	4/25/2006	Semiconductor Components Industries, LLC
709.	DC/DC CONVERTER WITH DEPLETION MODE COMPOUND SEMICONDUCTOR FIELD EFFECT TRANSISTOR SWITCHING DEVICE	10623390	7/18/2003	7038295	5/2/2006	Semiconductor Components Industries, LLC
710.	METHOD FOR MANUFACTURING CIRCUIT DEVICES	10668492	9/23/2003	7045393	5/16/2006	Semiconductor Components Industries, LLC
711.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	9908941	7/20/2001	7045434	5/16/2006	Semiconductor Components Industries, LLC
712.	SELF-ALIGNED VERTICAL GATE SEMICONDUCTOR DEVICE	10219190	8/16/2002	7045845	5/16/2006	Semiconductor Components Industries, LLC
713.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10215196	8/9/2002	7045860	5/16/2006	Semiconductor Components Industries, LLC
714.	CODE ERROR CORRECTOR	10464921	6/19/2003	7047476	5/16/2006	Semiconductor Components Industries, LLC
715.	MOTOR DRIVE CIRCUIT	10901287	7/29/2004	7049772	5/23/2006	Semiconductor Components Industries, LLC
716.	METHOD OF FORMING AN EPROM CELL AND STRUCTURE THEREFOR	10752772	1/8/2004	7052959	5/30/2006	Semiconductor Components Industries, LLC
717.	SEMICONDUCTOR DEVICE HAVING OPENING AND METHOD OF FABRICATING THE SAME	10624540	7/23/2003	7052989	5/30/2006	Semiconductor Components Industries, LLC
718.	MOTOR DRIVE APPARATUS, INTEGRATED CIRCUIT, AND MOTOR DRIVE METHOD	11046412	1/28/2005	7053573	5/30/2006	Semiconductor Components Industries, LLC
719.	SEMICONDUCTOR MEMORY DEVICE	10937335	9/10/2004	7054217	5/30/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
720.	CUTTING METHOD AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10892398	7/16/2004	7056768	6/6/2006	Semiconductor Components Industries, LLC
721.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	9829876	4/10/2001	7056797	6/6/2006	Semiconductor Components Industries, LLC
722.	OPTICAL TRACKING SENSOR METHOD	10903790	7/29/2004	7057148	6/6/2006	Semiconductor Components Industries, LLC
723.	POWER SUPPLY CONTROLLER AND METHOD	10900167	7/28/2004	7057381	6/6/2006	Semiconductor Components Industries, LLC
724.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11038502	1/21/2005	7059859	6/13/2006	Semiconductor Components Industries, LLC
725.	GAIN CONTROL FOR ANALOG-DIGITAL CONVERTER	11072297	3/7/2005	7061420	6/13/2006	Semiconductor Components Industries, LLC
726.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	10771497	2/5/2004	7064046	6/20/2006	Semiconductor Components Industries, LLC
727.	HIGH VOLTAGE, LOW-OFFSET OPERATIONAL AMPLIFIER WITH RAIL-TO-RAIL COMMON MODE INPUT RANGE IN A DIGITAL CMOS PROCESS	10919757	8/17/2004	7064609	6/20/2006	Semiconductor Components Industries, LLC
728.	PLL CIRCUIT	10066244	1/31/2002	7065025	6/20/2006	Semiconductor Components Industries, LLC
729.	METHOD OF MANUFACTURING OPTICAL SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10948740	9/24/2004	7067347	6/27/2006	Semiconductor Components Industries, LLC
730.	INTEGRATED CIRCUIT FOR OPTICAL ENCODER	10748108	12/24/2003	7067796	6/27/2006	Semiconductor Components Industries, LLC
731.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10950610	9/27/2004	7067899	6/27/2006	Semiconductor Components Industries, LLC
732.	CONSTANT CURRENT CIRCUIT USED FOR RING OSCILLATOR AND CHARGE PUMP CIRCUIT	10912709	8/5/2004	7068114	6/27/2006	Semiconductor Components Industries, LLC
733.	CIRCUIT DEVICE AND METHOD FOR MANUFACTURING THE SAME	10785471	2/24/2004	7075188	7/14/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
734.	COLOR KILLER ADJUSTMENT DEVICE	10618807	7/14/2003	7075589	7/11/2006	Semiconductor Components Industries, LLC
735.	INVERTER CIRCUIT DEVICE WITH TEMPERATURE DETECTION CIRCUIT	10610739	6/30/2003	7075762	7/11/2006	Semiconductor Components Industries, LLC
736.	HYBRID INTEGRATED CIRCUIT DEVICE	10813137	3/29/2004	7078797	7/18/2006	Semiconductor Components Industries, LLC
737.	SEMICONDUCTOR STORAGE APPARATUS AND MICROCOMPUTER HAVING THE SAME	10980960	11/3/2004	7079418	7/18/2006	Semiconductor Components Industries, LLC
738.	SEMICONDUCTOR INTEGRATED CIRCUIT RELATED TO A CIRCUIT OPERATING ON THE BASIS OF A CLOCK SIGNAL	10760475	1/21/2004	7081778	7/25/2006	Semiconductor Components Industries, LLC
739.	SOLID-STATE IMAGING APPARATUS	10966068	10/18/2004	7081998	7/25/2006	Semiconductor Components Industries, LLC
740.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10094846	3/11/2002	7084463	8/1/2006	Semiconductor Components Industries, LLC
741.	ANALOG-DIGITAL CONVERSION METHOD AND ANALOG-DIGITAL CONVERTER	11047706	2/2/2005	7084803	8/1/2006	Semiconductor Components Industries, LLC
742.	METHOD OF MAKING A VERTICAL COMPOUND SEMICONDUCTOR FIELD EFFECT TRANSISTOR DEVICE	10623392	7/18/2003	7087472	8/8/2006	Semiconductor Components Industries, LLC
743.	SEMICONDUCTOR DEVICE HAVING REDUCED CAPACITANCE TO SUBSTRATE AND METHOD	10773853	2/9/2004	7087925	8/8/2006	Semiconductor Components Industries, LLC
744.	SEMICONDUCTOR DEVICE WITH REDUCED ON-STATE RESISTANCE	10651855	8/29/2003	7087961	8/8/2006	Semiconductor Components Industries, LLC
745.	ANALOG-TO-DIGITAL CONVERTER HAVING CYCLIC CONFIGURATION	10945924	9/22/2004	7088277	8/8/2006	Semiconductor Components Industries, LLC
746.	ANALOG-TO-DIGITAL CONVERTING CIRCUIT AND IMAGE PROCESSING CIRCUIT CYCLICALLY REPEATING AD CONVERSION	11297412	12/9/2005	7091897	8/15/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
747.	IMAGE SIGNAL PROCESSOR AND DEFICIENT PIXEL DETECTION METHOD	9696393	10/25/2000	7092018	8/15/2006	Semiconductor Components Industries, LLC
748.	ANALOG-TO-DIGITAL CONVERTER INCLUDING A PLURALITY OF AMPLIFIER CIRCUITS	11066498	2/28/2005	7095352	8/22/2006	Semiconductor Components Industries, LLC
749.	STRUCTURE AND METHOD OF DIRECT CHIP ATTACH	10852898	5/25/2004	7098051	8/29/2006	Semiconductor Components Industries, LLC
750.	HIGH ENERGY ESD STRUCTURE AND METHOD	10750267	1/2/2004	7098509	8/29/2006	Semiconductor Components Industries, LLC
751.	INTEGRATED INRUSH CURRENT LIMITER CIRCUIT AND METHOD	10287831	11/5/2002	7099135	8/29/2006	Semiconductor Components Industries, LLC
752.	METHOD AND APPARATUS FOR RECORDING DATA ON AN OPTICAL DISC WITH RESTARTING WRITING OF DATA AFTER DATA RECORDING INTERRUPTION	10066056	1/31/2002	7099246	8/29/2006	Semiconductor Components Industries, LLC
753.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	10696581	10/30/2003	7101735	9/5/2006	Semiconductor Components Industries, LLC
754.	LIGHTSHIELD ARCHITECTURE FOR INTERLINE TRANSFER IMAGE SENSORS	10872607	6/21/2004	7102185	9/5/2006	Semiconductor Components Industries, LLC
755.	HIGH RELIABILITY ELECTRICALLY ERASABLE AND PROGRAMMABLE READ-ONLY MEMORY (EEPROM	11098940	4/5/2005	7102188	9/5/2006	Semiconductor Components Industries, LLC
756.	LOW VOLTAGE TRANSIENT VOLTAGE SUPPRESSOR AND METHOD OF MAKING	10406106	4/4/2003	7102199	9/5/2006	Semiconductor Components Industries, LLC
757.	SEMICONDUCTOR DEVICE AND HYBRID INTEGRATED CIRCUIT DEVICE	10881561	6/30/2004	7102211	9/5/2006	Semiconductor Components Industries, LLC
758.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10828556	4/21/2004	7102238	9/5/2006	Semiconductor Components Industries, LLC
759.	CHARGE TRANSFER DEVICE	9995319	11/26/2001	7102674	9/5/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
760.	METHOD OF FORMING A LEADFRAME FOR A SEMICONDUCTOR PACKAGE	10850592	5/21/2004	7105378	9/12/2006	Semiconductor Components Industries, LLC
761.	CIRCUIT DEVICE MANUFACTURING METHOD INCLUDING MOUNTING CIRCUIT ELEMENTS ON A CONDUCTIVE FOIL, FORMING SEPARATION GROOVES IN THE FOIL, AND ETCHING THE REAR OF THE FOIL	10724954	12/1/2003	7105384	9/12/2006	Semiconductor Components Industries, LLC
762.	CLOSED LOOP DIRECT CURRENT TO DIRECT CURRENT CONVERTER THAT DOES NOT REQUIRE VOLTAGE REFERENCE	11119452	4/29/2005	7106039	9/12/2006	Semiconductor Components Industries, LLC
763.	SEMICONDUCTOR INTEGRATED CIRCUIT AND ADJUSTMENT METHOD THEREOF	10422135	4/24/2003	7106362	9/12/2006	Semiconductor Components Industries, LLC
764.	METHOD FOR INCREASING DYNAMIC RANGE OF A PIXEL BY MULTIPLE INCOMPLETE RESET	9460473	12/14/1999	7106373	9/12/2006	Semiconductor Components Industries, LLC
765.	KEYED CLAMP CIRCUIT	10736904	12/17/2003	7106387	9/12/2006	Semiconductor Components Industries, LLC
766.	DATA RECORDER	9717772	11/21/2000	7106675	9/12/2006	Semiconductor Components Industries, LLC
767.	PERSONAL AUTHENTICATION SYSTEM AND METHOD THEREOF	10305395	11/27/2002	7106902	9/12/2006	Semiconductor Components Industries, LLC
768.	METHODS AND DEVICES FOR READING OUT AN IMAGE SENSOR WITH REDUCED DELAY TIME BETWEEN LINES	9906405	7/16/2001	7106915	9/12/2006	Semiconductor Components Industries, LLC
769.	METHOD OF FORMING A SEMICONDUCTOR PACKAGE AND LEADFRAME THEREFOR	10729892	12/8/2003	7109064	9/19/2006	Semiconductor Components Industries, LLC
770.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE	10696580	10/30/2003	7109538	9/19/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
771.	IMAGE SIGNAL PROCESSOR EMPLOYING VOLTAGE REGULATORS TO DECREASE OVERALL POWER CONSUMPTION	10208141	7/30/2002	7110038	9/19/2006	Semiconductor Components Industries, LLC
772.	LEVEL ADJUSTMENT CIRCUIT	9818249	3/26/2001	7110557	9/19/2006	Semiconductor Components Industries, LLC
773.	ACCESS CIRCUIT WITH VARIOUS ACCESS DATA UNITS	10649366	8/27/2003	7111122	9/19/2006	Semiconductor Components Industries, LLC
774.	SEMICONDUCTOR DEVICE	10945945	9/22/2004	7112881	9/26/2006	Semiconductor Components Industries, LLC
775.	IMAGE SIGNAL PROCESSOR	10194708	7/12/2002	7113206	9/26/2006	Semiconductor Components Industries, LLC
776.	DIRECT CONVERSION RECEIVER FOR AMPLITUDE MODULATED SIGNALS USING LINEAR/LOG FILTERING	10426383	4/29/2003	7113760	9/26/2006	Semiconductor Components Industries, LLC
777.	DATA REPRODUCING CONTROLLER	11296883	12/8/2005	7114115	9/26/2006	Semiconductor Components Industries, LLC
778.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10872454	6/22/2004	7119424	10/10/2006	Semiconductor Components Industries, LLC
779.	METHOD OF FORMING A WIDE BANDWIDTH DIFFERENTIAL AMPLIFIER AND STRUCTURE THEREFOR	11009584	12/13/2004	7119618	10/10/2006	Semiconductor Components Industries, LLC
780.	ANALOG/DIGITAL CONVERTING DEVICE	11061668	2/22/2005	7119728	10/10/2006	Semiconductor Components Industries, LLC
781.	ANALOG-DIGITAL CONVERTER OPTIMIZED FOR HIGH SPEED OPERATION	11060306	2/18/2005	7119729	10/10/2006	Semiconductor Components Industries, LLC
782.	METHOD AND SYSTEM FOR REAL TIME AUDIO SYNTHESIS	10277598	10/22/2002	7120584	10/10/2006	Semiconductor Components Industries, LLC
783.	CONTROLLER FOR DATA RECORDER	10814356	3/31/2004	7120710	10/10/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
784.	SIGNAL PROCESSING CIRCUIT FOR OPTICAL DISK PLAYER HAVING A SHARED MEMORY FOR BOTH AN ANTI-SHOCK MECHANISM AND A CD-ROM DECODER	9893032	6/26/2001	7120734	10/10/2006	Semiconductor Components Industries, LLC
785.	POWER FACTOR CORRECTION CIRCUIT AND METHOD OF VARYING SWITCHING FREQUENCY	10512768	10/28/2004	7123494	10/17/2006	Semiconductor Components Industries, LLC
786.	METHOD OF MANUFACTURING INSULATED GATE SEMICONDUCTOR DEVICE	10720378	11/25/2003	7125787	10/24/2006	Semiconductor Components Industries, LLC
787.	HIGH VOLTAGE LATERAL FET STRUCTURE WITH IMPROVED ON RESISTANCE PERFORMANCE	10797537	3/11/2004	7126166	10/24/2006	Semiconductor Components Industries, LLC
788.	POWER MOSFET DRIVER AND METHOD THEREFOR	11013074	12/16/2004	7126388	10/24/2006	Semiconductor Components Industries, LLC
789.	A SYSTEM AND METHOD FOR PROCESSING DIGITAL DATA WHILE BUFFERING DIGITAL DATA IN A BUFFER MEMORY	10371843	2/20/2003	7127657	10/24/2006	Semiconductor Components Industries, LLC
790.	SEMICONDUCTOR DEVICE	11237834	9/29/2005	7129530	10/31/2006	Semiconductor Components Industries, LLC
791.	VERTICAL COMPOUND SEMICONDUCTOR FIELD EFFECT TRANSISTOR STRUCTURE	10959777	10/6/2004	7129544	10/31/2006	Semiconductor Components Industries, LLC
792.	HIGH SLEW ECL DEVICE AND METHOD THEREFOR	11009585	12/13/2004	7129781	10/31/2006	Semiconductor Components Industries, LLC
793.	HIGH SPEED RECEIVER WITH WIDE INPUT VOLTAGE RANGE	10436737	5/14/2003	7132857	11/7/2006	Semiconductor Components Industries, LLC
794.	SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING A HIGH CONTRAST IDENTIFICATION MARK	10498703	6/11/2004	7135356	11/14/2006	Semiconductor Components Industries, LLC
795.	METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	11165083	6/22/2005	7135380	11/14/2006	Semiconductor Components Industries, LLC
796.	ROBUST POWER SEMICONDUCTOR PACKAGE	10942059	9/16/2004	7135761	11/14/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
797.	COMPARATOR CIRCUIT	11085611	3/22/2005	7135893	11/14/2006	Semiconductor Components Industries, LLC
798.	CROSS-TALK REDUCTION CIRCUIT AND METHOD THEREFOR	11044452	1/28/2005	7135924	11/14/2006	Semiconductor Components Industries, LLC
799.	INVERTED CIRCUIT OVERCURRENT PROTECTION DEVICE AND HYBRID INTEGRATED CIRCUIT DEVICE WITH THE SAME INCORPORATED	10422556	4/24/2003	7136269	11/14/2006	Semiconductor Components Industries, LLC
800.	LOW THERMAL RESISTANCE SEMICONDUCTOR DEVICE AND METHOD THEREFOR	10964022	10/14/2004	7138315	11/21/2006	Semiconductor Components Industries, LLC
801.	METHOD OF ROUTING AN ELECTRICAL CONNECTION ON A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10860613	6/4/2004	7138327	11/21/2006	Semiconductor Components Industries, LLC
802.	SEMICONDUCTOR DEVICE FOR USE IN A SOLID STATE IMAGING DEVICE	11040236	1/21/2005	7138670	11/21/2006	Semiconductor Components Industries, LLC
803.	SWITCH CONTROLLER FOR A POWER CONTROL SYSTEM AND METHOD THEREFOR	10830171	4/23/2004	7138788	11/21/2006	Semiconductor Components Industries, LLC
804.	UP-CONVERSION OF A DOWN-CONVERTED BASEBAND SIGNAL IN A DIRECT CONVERSION ARCHITECTURE WITHOUT THE BASEBAND SIGNAL PASSING THROUGH ACTIVE ELEMENTS	10426225	4/29/2003	7139546	11/21/2006	Semiconductor Components Industries, LLC
805.	METHOD AND SYSTEM FOR REAL-TIME SPEECH RECOGNITION	10277454	10/22/2002	7139707	11/21/2006	Semiconductor Components Industries, LLC
806.	METHODS FOR MANUFACTURING A SOFT ERROR AND DEFECT RESISTANT PRE-METAL DIELECTRIC LAYER	10877482	6/25/2004	7141503	11/28/2006	Semiconductor Components Industries, LLC
807.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11045581	1/31/2005	7141861	11/28/2006	Semiconductor Components Industries, LLC
808.	GROUPED CAPACITIVE ELEMENT	10893643	7/15/2004	7141864	11/28/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
809.	METHOD AND DEVICE FOR GENERATING CLOCK SIGNAL	11044736	1/27/2005	7141961	11/28/2006	Semiconductor Components Industries, LLC
810.	LOW POWER SIGMA DELTA MODULATOR	11132705	5/19/2005	7142144	11/28/2006	Semiconductor Components Industries, LLC
811.	METHOD FOR MAKING A DIRECT CHIP ATTACH DEVICE AND STRUCTURE	10603257	6/26/2003	7144538	12/5/2006	Semiconductor Components Industries, LLC
812.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10778496	2/13/2004	7145202	12/5/2006	Semiconductor Components Industries, LLC
813.	DRIVING A SINGLE-PHASE MOTOR	11202048	8/9/2005	7148643	12/12/2006	Semiconductor Components Industries, LLC
814.	ANALOG DIGITAL CONVERTER HAVING A FUNCTION OF DYNAMIC ADJUSTMENT CORRESPONDING TO THE STATE OF THE SYSTEM	11140964	6/1/2005	7148832	12/12/2006	Semiconductor Components Industries, LLC
815.	CONTROLLER FOR DATA RECORDER	9748509	12/26/2000	7149165	12/12/2006	Semiconductor Components Industries, LLC
816.	DATA RECORDER	9748400	12/26/2000	7149167	12/12/2006	Semiconductor Components Industries, LLC
817.	CONTROL METHOD AND CIRCUIT FOR STOPPING CLOCK SIGNAL	10368371	2/20/2003	7149912	12/12/2006	Semiconductor Components Industries, LLC
818.	MINIMIZING THE EFFECT OF DIRECTLY CONVERTED X-RAYS IN X-RAY IMAGERS	11089737	3/25/2005	7151287	12/19/2006	Semiconductor Components Industries, LLC
819.	SEMICONDUCTOR INTEGRATED CIRCUIT AND OPERATIONAL AMPLIFIER	11145189	6/6/2005	7151708	12/19/2006	Semiconductor Components Industries, LLC
820.	HYBRID INTEGRATED CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	10905259	12/22/2004	7152316	12/26/2006	Semiconductor Components Industries, LLC
821.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	10855972	5/28/2004	7154173	12/26/2006	Semiconductor Components Industries, LLC
822.	ANALOG-DIGITAL CONVERTER WITH ADVANCED SCHEDULING	11052093	2/8/2005	7154426	12/26/2006	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
823.	SOLID-STATE IMAGE PICKUP APPARATUS FOR GENERATING AN IMAGE SIGNAL BY ADDING OUTPUTS CORRESPONDING TO TWO TYPES OF LIGHT RECEIVING PIXELS HAVING DIFFERENT STORAGE TIME OF INFORMATION CHARGES	9531135	3/17/2000	7154552	12/26/2006	Semiconductor Components Industries, LLC
824.	VARIABLE GAIN INTEGRATOR	10978109	10/29/2004	7155470	12/26/2006	Semiconductor Components Industries, LLC
825.	ERROR DETECTION AND CORRECTION CIRCUIT	9816644	3/23/2001	7155659	12/26/2006	Semiconductor Components Industries, LLC
826.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	10096754	3/13/2002	7157336	1/2/2007	Semiconductor Components Industries, LLC
827.	SEMICONDUCTOR DEVICE WITH TRIPLE SURFACE IMPURITY LAYERS	10959402	10/7/2004	7157779	1/2/2007	Semiconductor Components Industries, LLC
828.	METHOD OF FORMING A SELF-GATED TRANSISTOR AND STRUCTURE THEREFOR	10813501	3/31/2004	7157959	1/2/2007	Semiconductor Components Industries, LLC
829.	TECHNIQUE FOR COMPARING ANALOG SIGNAL WITH REFERENCE VOLTAGE	11067946	3/1/2005	7158068	1/2/2007	Semiconductor Components Industries, LLC
830.	SEMICONDUCTOR DEVICE WITH SOURCE AND DRAIN REGIONS	10738002	12/17/2003	7161210	1/9/2007	Semiconductor Components Industries, LLC
831.	VERTICAL SHARPNESS ADJUSTMENT DEVICE AND TV RECEIVER THEREWITH	10675632	9/30/2003	7161636	1/9/2007	Semiconductor Components Industries, LLC
832.	METHOD OF MANUFACTURING CIRCUIT DEVICE	11179431	7/11/2005	7163841	1/16/2007	Semiconductor Components Industries, LLC
833.	DATA RECORDER	9718164	11/21/2000	7167427	1/23/2007	Semiconductor Components Industries, LLC
834.	DATA TRANSFER MEMORY	11068601	2/28/2005	7167938	1/23/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
835.	COLOR IMAGE CAPTURE ELEMENT AND COLOR IMAGE SIGNAL PROCESSING CIRCUIT					
836.	DELAY CIRCUIT	11080685	3/16/2005	7170331	1/30/2007	Semiconductor Components Industries, LLC
837.	TUNING CIRCUIT HAVING AMPLITUDE-VARYING FUNCTION	10763441	1/23/2004	7171178	1/30/2007	Semiconductor Components Industries, LLC
838.	AM RECEIVER CIRCUIT PERFORMING SOUND QUALITY COMPENSATION OF AM DETECTION OUTPUT SIGNAL	10929622	8/30/2004	7171180	1/30/2007	Semiconductor Components Industries, LLC
839.	METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE	10724111	12/1/2003	7172962	2/6/2007	Semiconductor Components Industries, LLC
840.	VERTICAL PROTECTING ELEMENT FORMED IN SEMICONDUCTOR SUBSTRATE AND SEMICONDUCTOR DEVICE USING THE SAME	11257503	10/25/2005	7173291	2/6/2007	Semiconductor Components Industries, LLC
841.	PHOTODIODE HAVING EXTENDED WELL REGION	11350296	2/7/2006	7173299	2/6/2007	Semiconductor Components Industries, LLC
842.	AMPLIFIER CIRCUIT AND ANALOG-TO-DIGITAL CIRCUIT USING THE SAME	11073720	3/8/2005	7173556	2/6/2007	Semiconductor Components Industries, LLC
843.	IMAGE SIGNAL PROCESSOR WITH REDUCED POWER CONSUMPTION	10208588	7/30/2002	7173664	2/6/2007	Semiconductor Components Industries, LLC
844.	SEMICONDUCTOR DEVICE HAVING DEEP TRENCH CHARGE COMPENSATION REGIONS AND METHOD	11057140	2/15/2005	7176524	2/13/2007	Semiconductor Components Industries, LLC
845.	SEMICONDUCTOR DEVICE	11438068	5/22/2006	7176547	2/13/2007	Semiconductor Components Industries, LLC
846.	TRANSLATOR CIRCUIT AND METHOD THEREFOR	11060691	2/18/2005	7176723	2/13/2007	Semiconductor Components Industries, LLC
847.	METHOD AND APPARATUS FOR RECORDING DATA ON AN OPTICAL DISC	10027257	12/20/2001	7177252	2/13/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
848.	GATED N-WELL/P-SUBSTRATE PHOTODIODE	10752845	1/7/2004	7180111	2/20/2007	Semiconductor Components Industries, LLC
849.	LEAD-FREE INTEGRATED CIRCUIT PACKAGE STRUCTURE	11040334	1/24/2005	7180170	2/20/2007	Semiconductor Components Industries, LLC
850.	SEMICONDUCTOR DEVICE WITH A RESIN-SEALED OPTICAL SEMICONDUCTOR ELEMENT	10787614	2/26/2004	7183589	2/27/2007	Semiconductor Components Industries, LLC
851.	DRIVE APPARATUS FOR CCD IMAGE SENSOR	10902223	7/29/2004	7183815	2/27/2007	Semiconductor Components Industries, LLC
852.	HIGH FREQUENCY DEVICE	10791551	3/2/2004	7184742	2/27/2007	Semiconductor Components Industries, LLC
853.	MICROCOMPUTER AND EVALUATION DEVICE, EVALUATION METHOD THEREOF	10741742	12/18/2003	7185117	2/27/2007	Semiconductor Components Industries, LLC
854.	CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	11141519	5/31/2005	7186921	3/6/2007	Semiconductor Components Industries, LLC
855.	ANALOG-TO-DIGITAL CONVERTER CYCLICALLY REPEATING AD CONVERSION	11206907	8/19/2005	7187311	3/6/2007	Semiconductor Components Industries, LLC
856.	SEMICONDUCTOR DEVICE HAVING REDUCED GATE CHARGE AND REDUCED ON RESISTANCE AND METHOD	10741330	12/22/2003	7189608	3/13/2007	Semiconductor Components Industries, LLC
857.	SEMICONDUCTOR DIODE AND METHOD THEREFOR	10966519	10/18/2004	7189610	3/13/2007	Semiconductor Components Industries, LLC
858.	PADE' APPROXIMANT BASED COMPENSATION FOR INTEGRATED SENSOR MODULES AND THE LIKE	10845681	5/13/2004	7190178	3/13/2007	Semiconductor Components Industries, LLC
859.	CURRENT CONTROL METHOD AND APPLICATION THEREOF	11212748	8/29/2005	7190299	3/13/2007	Semiconductor Components Industries, LLC
860.	MICROCOMPUTER AND EVALUATION DEVICE, EVALUATION METHOD THEREOF	10741743	12/18/2003	7191254	3/13/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
861.	METHOD OF FORMING A LOW CAPACITANCE SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	10942060	9/16/2004	7192814	3/20/2007	Semiconductor Components Industries, LLC
862.	SEMICONDUCTOR DEVICE WITH FLOATING CONDUCTING REGION PLACED BETWEEN DEVICE ELEMENTS	11138650	5/27/2005	7193255	3/20/2007	Semiconductor Components Industries, LLC
863.	VIDEO SIGNAL PROCESSING APPARATUS AND INTEGRATED CIRCUIT	10650078	8/28/2003	7193657	3/20/2007	Semiconductor Components Industries, LLC
864.	IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND IMAGE PROCESSING PROGRAM PRODUCT FOR CORRECTING PROJECTED IMAGES	10987793	11/12/2004	7195357	3/27/2007	Semiconductor Components Industries, LLC
865.	BATTERY CONTROL CIRCUIT AND ELECTRONIC DEVICE	10696715	10/29/2003	7196496	3/27/2007	Semiconductor Components Industries, LLC
866.	BATTERY CHARGE/DISCHARGE MONITORING CIRCUIT AND METHOD	10831631	4/23/2004	7196523	3/27/2007	Semiconductor Components Industries, LLC
867.	INTERFACE SYSTEM AND METHOD THEREFOR	11009586	12/13/2004	7196549	3/27/2007	Semiconductor Components Industries, LLC
868.	CONTROLLER FOR DATA RECORDER	9718155	11/21/2000	7196987	3/27/2007	Semiconductor Components Industries, LLC
869.	DIRECT CONVERSION RECEIVER WITH DIRECT CURRENT OFFSET CORRECTION CIRCUITRY	10430656	5/6/2003	7197091	3/27/2007	Semiconductor Components Industries, LLC
870.	SEMICONDUCTOR DEVICE	11150491	6/13/2005	7199407	4/3/2007	Semiconductor Components Industries, LLC
871.	PIXEL STRUCTURE WITH IMPROVED CHARGE TRANSFER	9736651	12/13/2000	7199410	4/3/2007	Semiconductor Components Industries, LLC
872.	OVER-VOLTAGE TOLERANT BUS HOLD CIRCUIT AND METHOD THEREFOR	11012109	12/16/2004	7199614	4/3/2007	Semiconductor Components Industries, LLC
873.	SWITCHING POWER SUPPLY	11227338	9/15/2005	7199649	4/3/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
874.	FREQUENCY ADJUSTMENT CIRCUIT	11196512	8/4/2005	7199676	4/3/2007	Semiconductor Components Industries, LLC
875.	MULTI-CHIP SEMICONDUCTOR CONNECTOR ASSEMBLY METHOD	10877165	6/28/2004	7202105	4/10/2007	Semiconductor Components Industries, LLC
876.	MULTI-CHIP SEMICONDUCTOR CONNECTOR AND METHOD	10877327	6/28/2004	7202106	4/10/2007	Semiconductor Components Industries, LLC
877.	IMAGE DATA PROCESSOR AND IMAGE DATA PROCESSING METHOD	10656923	9/4/2003	7203357	4/10/2007	Semiconductor Components Industries, LLC
878.	PROGRAM PROCESSING DEVICE	10919126	8/16/2004	7203819	4/10/2007	Semiconductor Components Industries, LLC
879.	THYRISTOR AND METHOD OF MANUFACTURE	11317213	12/22/2005	7205583	4/17/2007	Semiconductor Components Industries, LLC
880.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURING	10842393	5/10/2004	7205605	4/17/2007	Semiconductor Components Industries, LLC
881.	SEMICONDUCTOR SWITCHING DEVICE	10105802	3/26/2002	7206552	4/17/2007	Semiconductor Components Industries, LLC
882.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	10733799	12/12/2003	7208340	4/24/2007	Semiconductor Components Industries, LLC
883.	LDMOS TRANSISTOR WITH ENHANCED TERMINATION REGION FOR HIGH BREAKDOWN VOLTAGE WITH ON-RESISTANCE	11102173	4/11/2005	7208385	4/24/2007	Semiconductor Components Industries, LLC
884.	CHARGE PUMP CIRCUIT AND AMPLIFIER	10991988	11/18/2004	7208995	4/24/2007	Semiconductor Components Industries, LLC
885.	CHARGE PUMP CIRCUIT	11089031	3/25/2005	7208996	4/24/2007	Semiconductor Components Industries, LLC
886.	DECODER	10444100	5/22/2003	7209641	4/24/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
887.	METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE	11175050	7/6/2005	7211486	5/1/2007	Semiconductor Components Industries, LLC
888.	CHARGE PUMP CIRCUIT	11212918	8/29/2005	7212066	5/1/2007	Semiconductor Components Industries, LLC
889.	CIRCUIT FOR PREVENTION OF UNINTENTIONAL WRITING TO A MEMORY, AND SEMICONDUCTOR DEVICE EQUIPPED WITH SAID CIRCUIT	10809866	3/26/2004	7213120	5/1/2007	Semiconductor Components Industries, LLC
890.	METHOD FOR MANUFACTURING MOUNTING SUBSTRATE AND METHOD FOR MANUFACTURING CIRCUIT DEVICE	10813778	3/31/2004	7213333	5/8/2007	Semiconductor Components Industries, LLC
891.	DIFFERENTIAL SIGNAL DRIVER HAVING COMPLIMENTARY AND CURRENT-AIDED PRE-EMPHASIS	11157403	6/20/2005	7215156	5/8/2007	Semiconductor Components Industries, LLC
892.	MANUFACTURING METHOD FOR A SEMICONDUCTOR DEVICE WITH REDUCED LOCAL CURRENT	10809011	3/25/2004	7217612	5/15/2007	Semiconductor Components Industries, LLC
893.	TRACK AND HOLD CIRCUIT WITH OPERATING POINT SENSITIVE CURRENT MODE BASED OFFSET COMPENSATION	11094945	3/31/2005	7218154	5/15/2007	Semiconductor Components Industries, LLC
894.	DELAY CIRCUIT AND METHOD THEREFOR	11056783	2/14/2005	7218174	5/15/2007	Semiconductor Components Industries, LLC
895.	CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	11139263	5/27/2005	7221049	5/22/2007	Semiconductor Components Industries, LLC
896.	INTERFACE CIRCUIT AND A CLOCK OUTPUT METHOD THEREFOR	10943141	9/17/2004	7221198	5/22/2007	Semiconductor Components Industries, LLC
897.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THEREOF	10806610	3/23/2004	7224023	5/29/2007	Semiconductor Components Industries, LLC
898.	SEMICONDUCTOR DEVICE HAVING ELEMENT ISOLATION TRENCH AND METHOD OF FABRICATING THE SAME	9985743	11/6/2001	7224038	5/29/2007	Semiconductor Components Industries, LLC
899.	VOLTAGE DETECTION CIRCUIT	11251263	10/14/2005	7224192	5/29/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
900.	AMPLIFYING DEVICE	11212310	8/26/2005	7224226	5/29/2007	Semiconductor Components Industries, LLC
901.	ANALOG-TO-DIGITAL CONVERTER IN WHICH SETTLING TIME OF AMPLIFIER CIRCUIT IS REDUCED	11299741	12/13/2005	7224306	5/29/2007	Semiconductor Components Industries, LLC
902.	PICTURE SIGNAL PROCESSOR, PICTURE SIGNAL PROCESSING METHOD, AND PICTURE SIGNAL PROCESSING PROGRAM PRODUCT	11020347	12/22/2004	7224371	5/29/2007	Semiconductor Components Industries, LLC
903.	METHOD TO ADJUST THE SIGNAL LEVEL OF AN ACTIVE PIXEL AND CORRESPONDING ACTIVE PIXEL	9906418	7/16/2001	7224389	5/29/2007	Semiconductor Components Industries, LLC
904.	CONTROLLER AND METHOD FOR WRITING DATA	10903502	7/30/2004	7225304	5/29/2007	Semiconductor Components Industries, LLC
905.	POWER SYSTEM INHIBIT METHOD AND DEVICE AND STRUCTURE THEREFOR	11146772	6/8/2005	7227203	6/5/2007	Semiconductor Components Industries, LLC
906.	SEMICONDUCTOR DEVICE WITH WIRE BOND INDUCTOR AND METHOD	10524894	9/7/2005	7227240	6/5/2007	Semiconductor Components Industries, LLC
907.	BATTERY, DEVICE AND CHARGER	10696666	10/29/2003	7227333	6/5/2007	Semiconductor Components Industries, LLC
908.	POWER SWITCH STRUCTURE WITH LOW RDSON AND LOW CURRENT LIMIT AND METHOD	11105222	4/14/2005	7230299	6/12/2007	Semiconductor Components Industries, LLC
909.	SEMICONDUCTOR DEVICE WITH PERIPHERAL TRENCH	10929727	8/31/2004	7230300	6/12/2007	Semiconductor Components Industries, LLC
910.	TEMPERATURE MEASURING APPARATUS, AND TEMPERATURE CORRECTION PROCESSING DEVICE	11161659	8/11/2005	7231307	6/12/2007	Semiconductor Components Industries, LLC
911.	HYBRID INTEGRATED CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	10941076	9/15/2004	7232957	6/19/2007	Semiconductor Components Industries, LLC
912.	MANUFACTURING METHOD OF OPTICAL SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10949707	9/27/2004	7235418	6/26/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
913.	SEMICONDUCTOR INTEGRATED CIRCUIT FOR AUDIO SYSTEM	10683209	10/9/2003	7236431	6/26/2007	Semiconductor Components Industries, LLC
914.	CONTROLLER FOR DATA RECORDER	11010791	12/13/2004	7236436	6/26/2007	Semiconductor Components Industries, LLC
915.	ULTRAVIOLET ERASABLE SEMICONDUCTOR MEMORY DEVICE	11053851	2/10/2005	7242610	7/10/2007	Semiconductor Components Industries, LLC
916.	SYNCHRONIZATION CIRCUIT FOR OPTICAL DISC APPARATUS AND SYNCHRONIZATION METHOD FOR OPTICAL DISC APPARATUS	10891532	7/14/2004	7242649	7/10/2007	Semiconductor Components Industries, LLC
917.	SOLID STATE IMAGING DEVICE AND METHOD FOR MANUFACTURING SOLID STATE IMAGING DEVICE	11064538	2/23/2005	7244978	7/17/2007	Semiconductor Components Industries, LLC
918.	SEMICONDUCTOR PACKAGE AND LEADFRAME THEREFOR HAVING ANGLED CORNERS	11491664	7/24/2006	7247931	7/24/2007	Semiconductor Components Industries, LLC
919.	ANALOG-TO-DIGITAL CONVERTER	11367792	3/3/2006	7248199	7/24/2007	Semiconductor Components Industries, LLC
920.	BURIED, FULLY DEPLETABLE, HIGH FILL FACTOR PHOTODIODES	10984485	11/9/2004	7253019	8/7/2007	Semiconductor Components Industries, LLC
921.	METHOD OF MANUFACTURING HYBRID INTEGRATED CIRCUIT DEVICE	10905238	12/22/2004	7253027	8/7/2007	Semiconductor Components Industries, LLC
922.	SEMICONDUCTOR DEVICE EDGE TERMINATION STRUCTURE	11057138	2/15/2005	7253477	8/7/2007	Semiconductor Components Industries, LLC
923.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11492044	7/25/2006	7256073	8/14/2007	Semiconductor Components Industries, LLC
924.	SEMICONDUCTOR DEVICE HAVING TRENCH STRUCTURES AND METHOD	11132949	5/20/2005	7256119	8/14/2007	Semiconductor Components Industries, LLC
925.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11236847	9/28/2005	7256420	8/14/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
926.	LED CONTROL CIRCUIT	11199710	8/9/2005	7256552	8/14/2007	Semiconductor Components Industries, LLC
927.	DIAGNOSTIC CIRCUIT AND METHOD THEREFOR	11272359	11/14/2005	7256605	8/14/2007	Semiconductor Components Industries, LLC
928.	ADAPTIVE EQUALIZER	10978237	10/29/2004	7256954	8/14/2007	Semiconductor Components Industries, LLC
929.	POWER SUPPLY CIRCUIT	11173488	7/1/2005	7257010	8/14/2007	Semiconductor Components Industries, LLC
930.	OFFSET ADJUSTING CIRCUIT FOR OPTICAL DISC AND OFFSET ADJUSTING METHOD	10850789	5/20/2004	7257058	8/14/2007	Semiconductor Components Industries, LLC
931.	STEP-UP / STEP-DOWN CIRCUIT	11153745	6/15/2005	7259611	8/21/2007	Semiconductor Components Industries, LLC
932.	METHOD OF FORMING A FLOATING CHARGE PUMP AND STRUCTURE THEREFOR	11355161	2/16/2006	7259613	8/21/2007	Semiconductor Components Industries, LLC
933.	MEMORY DEVICE	11250764	10/14/2005	7259702	8/21/2007	Semiconductor Components Industries, LLC
934.	IMAGE SENSOR WITH DESIGNATABLE READ-OUT RANGE	10177152	6/21/2002	7259780	8/21/2007	Semiconductor Components Industries, LLC
935.	DATA PROCESSOR USED IN A PLURALITY OF OPTICAL DISK RECORDING MEDIUMS	10389453	3/14/2003	7260036	8/21/2007	Semiconductor Components Industries, LLC
936.	SEMICONDUCTOR DEVICE	10772585	2/6/2004	7262470	8/28/2007	Semiconductor Components Industries, LLC
937.	VOLTAGE-FREQUENCY CONVERSION APPARATUS	11332516	1/17/2006	7262640	8/28/2007	Semiconductor Components Industries, LLC
938.	AMPLITUDE ADJUSTING CIRCUIT	11333547	1/18/2006	7262650	8/28/2007	Semiconductor Components Industries, LLC
939.	INTEGRATED SEMICONDUCTOR INDUCTOR AND METHOD THEREFOR	11055638	2/11/2005	7262681	8/28/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
940.	SEMICONDUCTOR DEVICE INCLUDING INCLINED CUT SURFACE AND MANUFACTURING METHOD THEREOF	10892483	7/16/2004	7264997	9/4/2007	Semiconductor Components Industries, LLC
941.	SEMICONDUCTOR DEVICE AND METHOD OF PRODUCING HIGH CONTRAST IDENTIFICATION MARK	11526254	9/25/2006	7265454	9/4/2007	Semiconductor Components Industries, LLC
942.	NOISE REMOVAL USING 180-DEGREE OR 360-DEGREE PHASE SHIFTING CIRCUIT	10724873	12/2/2003	7266062	9/4/2007	Semiconductor Components Industries, LLC
943.	TRAP FILTER	11270394	11/9/2005	7268615	9/11/2007	Semiconductor Components Industries, LLC
944.	MULTIBIT DELTA SIGMA MODULATION DA CONVERTER	11379975	4/24/2006	7268716	9/11/2007	Semiconductor Components Industries, LLC
945.	DIFFERENTIAL READOUT OF A PIXEL ARRAY WITH ELIMINATION OF PIXEL- AND COLUMN-WISE FIXED PATTERN NOISE	9684611	10/6/2000	7268815	9/11/2007	Semiconductor Components Industries, LLC
946.	AUTOMATIC GAIN CONTROL CIRCUIT FOR RECEIVE APPARATUS FOR MOBILE OBJECT	10901288	7/29/2004	7269398	9/11/2007	Semiconductor Components Industries, LLC
947.	SIGNAL PROCESSING CIRCUIT FOR TUNER WHICH APPLIES SIGNAL PROCESSING BASED ON VARIATION IN FREQUENCY OF INTERMEDIATE FREQUENCY SIGNAL	10927793	8/27/2004	7269401	9/11/2007	Semiconductor Components Industries, LLC
948.	SEMICONDUCTOR DEVICE WITH SIDEWALL WIRING	11206146	8/18/2005	7271466	9/18/2007	Semiconductor Components Industries, LLC
949.	SEMICONDUCTOR APPARATUS AND METHOD OF FABRICATING THE SAME	10950689	9/28/2004	7273810	9/25/2007	Semiconductor Components Industries, LLC
950.	ELECTROSTATIC DAMAGE PROTECTION DEVICE WITH PROTECTION TRANSISTOR	10979804	11/3/2004	7274071	9/25/2007	Semiconductor Components Industries, LLC
951.	ANALOG/DIGITAL CONVERTING DEVICE	11506778	8/21/2006	7274320	9/25/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
952.	CCD HAVING IMPROVED FLUSHING BY REDUCING POWER CONSUMPTION AND CREATING A UNIFORM DARK FIELD WHILE MAINTAINING LOW DARK CURRENT	10268362	10/10/2002	7274391	9/25/2007	Semiconductor Components Industries, LLC
953.	SEMICONDUCTOR DEVICE AND METHOD OF PROVIDING REGIONS OF LOW SUBSTRATE CAPACITANCE	11285968	11/25/2005	7276425	10/2/2007	Semiconductor Components Industries, LLC
954.	SEMICONDUCTOR DEVICE HAVING SCREENING ELECTRODE AND METHOD	11112570	4/25/2005	7276747	10/2/2007	Semiconductor Components Industries, LLC
955.	SEMICONDUCTOR STRUCTURE WITH IMPROVED ON RESISTANCE AND BREAKDOWN VOLTAGE PERFORMANCE	11193725	8/1/2005	7276766	10/2/2007	Semiconductor Components Industries, LLC
956.	SIGNAL LEVEL ADJUSTING APPARATUS, GAIN VALUE UPDATING METHOD, AND PROGRAM	11173487	7/1/2005	7276967	10/2/2007	Semiconductor Components Industries, LLC
957.	OFFSET ADJUSTING CIRCUIT FOR OPTICAL DISC AND OFFSET ADJUSTING METHOD	10854360	5/26/2004	7277378	10/2/2007	Semiconductor Components Industries, LLC
958.	SCHOTTKY DIODE AND METHOD OF MANUFACTURE	11084471	3/21/2005	7279390	10/9/2007	Semiconductor Components Industries, LLC
959.	SEMICONDUCTOR DEVICE	11391163	3/27/2006	7279745	10/9/2007	Semiconductor Components Industries, LLC
960.	DOUBLE-SIDED EXTENDED DRAIN FIELD EFFECT TRANSISTOR	11010892	12/13/2004	7279757	10/9/2007	Semiconductor Components Industries, LLC
961.	SEMICONDUCTOR DEVICE FOR OVERVOLTAGE PROTECTION	11361173	2/23/2006	7279768	10/9/2007	Semiconductor Components Industries, LLC
962.	VOLTAGE-FREQUENCY CONVERSION APPARATUS AND METHOD OF CHANGING REFERENCE VOLTAGE THEREOF	11333539	1/18/2006	7279941	10/9/2007	Semiconductor Components Industries, LLC
963.	OUTPUT AMPLIFIER STRUCTURE WITH BIAS COMPENSATION	11282021	11/18/2005	7279983	10/9/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
964.	METHOD OF FORMING AN MOS TRANSISTOR AND STRUCTURE THEREFOR	11367627	3/6/2006	7282406	10/16/2007	Semiconductor Components Industries, LLC
965.	SEMICONDUCTOR DEVICE	10891372	7/14/2004	7282780	10/16/2007	Semiconductor Components Industries, LLC
966.	ELECTRONIC TUNING SYSTEM	9991749	11/26/2001	7283796	10/16/2007	Semiconductor Components Industries, LLC
967.	SUPERJUNCTION SEMICONDUCTOR DEVICE STRUCTURE	11057139	2/15/2005	7285823	10/23/2007	Semiconductor Components Industries, LLC
968.	METHOD OF FORMING A REFERENCE VOLTAGE AND STRUCTURE THEREFOR	10512767	10/28/2004	7285943	10/23/2007	Semiconductor Components Industries, LLC
969.	ANALOG-TO DIGITAL CONVERTER AND ANALOG-TO DIGITAL CONVERSION APPARATUS	11354245	2/15/2006	7286072	10/23/2007	Semiconductor Components Industries, LLC
970.	SEMICONDUCTOR DEVICE	11360287	2/22/2006	7288816	10/30/2007	Semiconductor Components Industries, LLC
971.	DRIVE WAVE GENERATION CIRCUIT	11433646	5/12/2006	7288913	10/30/2007	Semiconductor Components Industries, LLC
972.	DRIVE WAVE GENERATION CIRCUIT	11433751	5/12/2006	7288914	10/30/2007	Semiconductor Components Industries, LLC
973.	DELAY CIRCUIT AND RING OSCILLATOR USING THE SAME	11275808	1/30/2006	7288978	10/30/2007	Semiconductor Components Industries, LLC
974.	ANALOG-DIGITAL CONVERTER WITH GAIN ADJUSTMENT FOR HIGH-SPEED OPERATION	11049081	2/3/2005	7289055	10/30/2007	Semiconductor Components Industries, LLC
975.	DEVICES AND METHODS FOR IMPROVING THE IMAGE QUALITY IN AN IMAGE SENSOR	9308032	8/13/1999	7289148	10/30/2007	Semiconductor Components Industries, LLC
976.	DATA RECORDING CONTROLLER FOR ADDING NEW DATA TO A MEDIUM	10673904	9/29/2003	7289394	10/30/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
977.	SEMICONDUCTOR DEVICE	11360286	2/22/2006	7291883	11/6/2007	Semiconductor Components Industries, LLC
978.	SOLID-STATE IMAGE PICKUP DEVICE DRIVING METHOD AND IMAGE CAPTURING APPARATUS FOR OUTPUTTING HIGHRESOLUTION SIGNALS FOR STILL IMAGES AND MOVING IMAGES OF IMPROVED QUALITY AT A HIGH FRAME RATE	10083352	2/27/2002	7292274	11/6/2007	Semiconductor Components Industries, LLC
979.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	10852444	5/24/2004	7294551	11/13/2007	Semiconductor Components Industries, LLC
980.	COMPOUND SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11150472	6/13/2005	7294900	11/13/2007	Semiconductor Components Industries, LLC
981.	MOTOR DRIVE CIRCUIT	11514194	9/1/2006	7294983	11/13/2007	Semiconductor Components Industries, LLC
982.	BI-DIRECTIONAL TRANSISTOR AND METHOD THEREFOR	11093381	3/31/2005	7297603	11/20/2007	Semiconductor Components Industries, LLC
983.	MULTI-CHIP SEMICONDUCTOR CONNECTOR ASSEMBLIES	10877325	6/28/2004	7298034	11/20/2007	Semiconductor Components Industries, LLC
984.	PWM REGULATOR WITH DISCONTINUOUS MODE AND METHOD THEREFOR	11001366	12/1/2004	7298124	11/20/2007	Semiconductor Components Industries, LLC
985.	HIGHEST SUPPLY SELECTION CIRCUIT	11296777	12/6/2005	7298181	11/20/2007	Semiconductor Components Industries, LLC
986.	AUTOMATIC LEVEL CONTROL CIRCUIT WITH IMPROVED RECOVERY ACTION	11187185	7/22/2005	7298208	11/20/2007	Semiconductor Components Industries, LLC
987.	AUTOMATIC LEVEL CONTROL CIRCUIT WITH IMPROVED ATTACK ACTION	11187281	7/22/2005	7298212	11/20/2007	Semiconductor Components Industries, LLC
988.	METHOD FOR REDUCING SHUTTER LATENCY WHILE MAINTAINING LOW DARK CURRENT IN AN IMAGER AND MINIMIZING ENERGY CONSUMPTION	10268449	10/10/2002	7298407	11/20/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
989.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11011785	12/15/2004	7300836	11/27/2007	Semiconductor Components Industries, LLC
990.	METHOD OF FORMING A SELF-ALIGNED TRANSISTOR	11238868	9/30/2005	7300850	11/27/2007	Semiconductor Components Industries, LLC
991.	SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING SAME AND THIN PLATE INTERCONNECT LINE MEMBER	10725993	12/3/2003	7301228	11/27/2007	Semiconductor Components Industries, LLC
992.	MOTOR SPEED CONTROL INTEGRATED CIRCUIT	11386160	3/21/2006	7301294	11/27/2007	Semiconductor Components Industries, LLC
993.	OSCILLATOR	11346149	2/3/2006	7301409	11/27/2007	Semiconductor Components Industries, LLC
994.	POSITION DETECTION SYSTEM, POSITION DETECTION METHOD THEREFOR, POSITION DETECTION COMMUNICATION DEVICE, AND COMMUNICATION DEVICE	11254028	10/18/2005	7301467	11/27/2007	Semiconductor Components Industries, LLC
995.	QUASI RESONANT TYPE SWITCHING POWER SUPPLY APPARATUS WITH OVERCURRENT LIMITING	11372768	3/10/2006	7301786	11/27/2007	Semiconductor Components Industries, LLC
996.	REGULATOR CIRCUIT	11593649	11/7/2006	7304458	12/4/2007	Semiconductor Components Industries, LLC
997.	HIGH VOLTAGE SENSOR DEVICE AND METHOD THEREFOR	11041710	1/25/2005	7306999	12/11/2007	Semiconductor Components Industries, LLC
998.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10936182	9/8/2004	7307288	12/11/2007	Semiconductor Components Industries, LLC
999.	CIRCUIT LAYOUT STRUCTURE	10537124	6/2/2005	7307294	12/11/2007	Semiconductor Components Industries, LLC
1000.	METHOD FOR NULLIFYING TEMPERATURE DEPENDENCE AND CIRCUIT THEREFOR	11357878	2/17/2006	7307476	12/11/2007	Semiconductor Components Industries, LLC
1001.	CPU-BASED OSCILLATION FREQUENCY CONTROL CIRCUIT ELIMINATING THE NEED FOR A LOOP FILTER	11240830	9/30/2005	7310022	12/18/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1002.	LATCH CLOCK GENERATION CIRCUIT AND SERIAL-PARALLEL CONVERSION CIRCUIT	11233459	9/22/2005	7310057	12/18/2007	Semiconductor Components Industries, LLC
1003.	IMAGING DEVICE WITH BOOSTING CIRCUIT	10402193	3/28/2003	7310115	12/18/2007	Semiconductor Components Industries, LLC
1004.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10910805	8/4/2004	7312107	12/25/2007	Semiconductor Components Industries, LLC
1005.	PIXEL HAVING AN OXIDE LAYER WITH STEP REGION	11350298	2/7/2006	7312484	12/25/2007	Semiconductor Components Industries, LLC
1006.	SEMICONDUCTOR DEVICE WITH HOLDING MEMBER	10420943	4/23/2003	7312521	12/25/2007	Semiconductor Components Industries, LLC
1007.	OSCILLATION CIRCUIT	11443369	5/31/2006	7312669	12/25/2007	Semiconductor Components Industries, LLC
1008.	DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY	10808588	3/25/2004	7312769	12/25/2007	Semiconductor Components Industries, LLC
1009.	LIQUID CRYSTAL DISPLAY CONTROLLER	10933781	9/3/2004	7312793	12/25/2007	Semiconductor Components Industries, LLC
1010.	DEFECT PIXEL CORRECTION IN AN IMAGE SENSOR	11111287	4/20/2005	7313288	12/25/2007	Semiconductor Components Industries, LLC
1011.	CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	11141461	5/31/2005	7315083	1/1/2008	Semiconductor Components Industries, LLC
1012.	METHOD FOR MANUFACTURING A SOLID-STATE IMAGE SENSING DEVICE, SUCH AS A CCD	10880413	6/28/2004	7316937	1/8/2008	Semiconductor Components Industries, LLC
1013.	CIRCUIT DEVICE	11057932	2/14/2005	7317199	1/8/2008	Semiconductor Components Industries, LLC
1014.	CHARGE TRANSFER DEVICE HAVING OUTPUT AMPLIFIER WITH REDUCED POWER CONSUMPTION	10371777	2/21/2003	7317483	1/8/2008	Semiconductor Components Industries, LLC
1015.	BAND-PASS FILTER AND TRACKING SIGNAL PROCESSOR CIRCUIT	10744626	12/23/2003	7318081	1/8/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1016.	ENCAPSULATED ELECTRONIC DEVICE STRUCTURE	11305526	12/19/2005	7319266	1/15/2008	Semiconductor Components Industries, LLC
1017.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	10952381	9/29/2004	7320916	1/22/2008	Semiconductor Components Industries, LLC
1018.	BIDIRECTIONAL BUFFER WITH SLEW RATE CONTROL AND METHOD OF BIDIRECTIONALLY TRANSMITTING SIGNALS WITH SLEW RATE CONTROL	11424535	6/15/2006	7321241	1/22/2008	Semiconductor Components Industries, LLC
1019.	PIPELINED AD CONVERTER CAPABLE OF SWITCHING CURRENT DRIVING CAPABILITIES	10808575	3/25/2004	7321245	1/22/2008	Semiconductor Components Industries, LLC
1020.	SOLID STATE IMAGING DEVICE WITH LATERAL OVERFLOW DRAIN AND DRIVING METHOD THEREOF ACHIEVING LOW POWER CONSUMPTION	10712466	11/13/2003	7321392	1/22/2008	Semiconductor Components Industries, LLC
1021.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND DEVICE THEREFOR	11264107	11/2/2005	7321499	1/22/2008	Semiconductor Components Industries, LLC
1022.	STATIC RANDOM ACCESS MEMORY CELL	11113365	4/21/2005	7321504	1/22/2008	Semiconductor Components Industries, LLC
1023.	CHARGE PUMP CIRCUIT	11216605	8/31/2005	7323914	1/29/2008	Semiconductor Components Industries, LLC
1024.	LEAD FRAME, RESIN SEALING MOLD AND METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE USING THE SAME	10772345	2/6/2004	7326041	2/5/2008	Semiconductor Components Industries, LLC
1025.	LIGHT-EMITTING ELEMENT DRIVING APPARATUS	11319925	12/28/2005	7327091	2/5/2008	Semiconductor Components Industries, LLC
1026.	SIGNAL PROCESSING APPARATUS	10941531	9/15/2004	7327392	2/5/2008	Semiconductor Components Industries, LLC
1027.	SEMICONDUCTOR MODULE AND METHOD OF MANUFACTURING THE SAME	11393531	3/29/2006	7332808	2/19/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1028.	COMPARATOR SYSTEM AND METHOD FOR COMPARING AN INPUT SIGNAL WITH A REFERENCE LEVEL USING SAID SYSTEM	10938873	9/13/2004	7332939	2/19/2008	Semiconductor Components Industries, LLC
1029.	CONSTANT CURRENT CIRCUIT	11462692	8/4/2006	7332957	2/19/2008	Semiconductor Components Industries, LLC
1030.	FLASH ADC WITH SPARSE CODES MATCHED TO INPUT NOISE	11443680	5/30/2006	7333040	2/19/2008	Semiconductor Components Industries, LLC
1031.	EXTENDED DEPTH OF FIELD USING A MULTI-FOCAL LENGTH LENS WITH A CONTROLLED RANGE OF SPHERICAL ABERRATION AND A CENTRALLY OBSCURED APERTURE	10908287	5/5/2005	7336430	2/26/2008	Semiconductor Components Industries, LLC
1032.	CHARGE-COUPLED DEVICE	11357255	2/21/2006	7336757	2/26/2008	Semiconductor Components Industries, LLC
1033.	STRUCTURED ASIC DEVICE WITH CONFIGURABLE DIE SIZE AND SELECTABLE EMBEDDED FUNCTIONS	10860894	6/4/2004	7337425	2/26/2008	Semiconductor Components Industries, LLC
1034.	THYRISTOR AND METHOD OF MANUFACTURE	11317340	12/22/2005	7339203	3/4/2008	Semiconductor Components Industries, LLC
1035.	COMPOUND SEMICONDUCTOR SWITCHING CIRCUIT DEVICE	11314804	12/22/2005	7339210	3/4/2008	Semiconductor Components Industries, LLC
1036.	SEMICONDUCTOR DEVICE WITH A VIA HOLE HAVING A DIAMETER AT THE SURFACE LARGER THAN A WIDTH OF A PAD ELECTRODE	11257390	10/25/2005	7339273	3/4/2008	Semiconductor Components Industries, LLC
1037.	CHARGE PUMP CIRCUIT	11337467	1/24/2006	7342437	3/11/2008	Semiconductor Components Industries, LLC
1038.	DELAY LOCKED LOOP WITH FIXED ANGLE DE-SKEW, QUICK START AND LOW JITTER	10602195	6/24/2003	7342985	3/11/2008	Semiconductor Components Industries, LLC
1039.	SEMICONDUCTOR DEVICE	10910768	8/4/2004	7345345	3/18/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1040.	SECONDARY SIDE POWER SUPPLY CONTROLLER AND METHOD THEREFOR	10841330	5/10/2004	7345896	3/18/2008	Semiconductor Components Industries, LLC
1041.	RETICLE, SEMICONDUCTOR DIE AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	11808269	6/7/2007	7348109	3/25/2008	Semiconductor Components Industries, LLC
1042.	METHOD OF MANUFACTURING SOLID-STATE IMAGE SENSING DEVICE	10911649	8/5/2004	7348133	3/25/2008	Semiconductor Components Industries, LLC
1043.	MEMORY DEVICE	11203997	8/16/2005	7348640	3/25/2008	Semiconductor Components Industries, LLC
1044.	BLUE STRETCH CIRCUIT AND LEVEL DETECTION CIRCUIT	10407110	4/4/2003	7352409	4/1/2008	Semiconductor Components Industries, LLC
1045.	TRACKING GAIN CONTROL METHOD AND TRACKING CONTROL CIRCUIT	10987829	11/12/2004	7352665	4/1/2008	Semiconductor Components Industries, LLC
1046.	EXCITING COIL DRIVE CIRCUIT OF MAGNETIC SENSOR	11531020	9/12/2006	7355398	4/8/2008	Semiconductor Components Industries, LLC
1047.	CHARACTER DISPLAY CONTROL CIRCUIT	10952368	9/29/2004	7355654	4/8/2008	Semiconductor Components Industries, LLC
1048.	VIDEO SIGNAL PROCESSING DEVICE AND TELEVISION RECEIVING DEVICE	10944208	9/17/2004	7355656	4/8/2008	Semiconductor Components Industries, LLC
1049.	COMPOUND SEMICONDUCTOR SWITCHING CIRCUIT DEVICE	11412077	4/27/2006	7358788	4/15/2008	Semiconductor Components Industries, LLC
1050.	DIFFERENTIAL OPERATIONAL AMPLIFIER	11531207	9/12/2006	7358813	4/15/2008	Semiconductor Components Industries, LLC
1051.	ECHO PREVENTING CIRCUIT AND DIGITAL SIGNAL PROCESSING CIRCUIT	11627839	1/26/2007	7358875	4/15/2008	Semiconductor Components Industries, LLC
1052.	SEMICONDUCTOR INTEGRATED DEVICE HAVING SOLID-STATE IMAGE SENSOR PACKAGED WITHIN AND PRODUCTION METHOD FOR SAME	10530095	4/1/2005	7361525	4/22/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1053.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	11543982	10/6/2006	7361553	4/22/2008	Semiconductor Components Industries, LLC
1054.	SEMICONDUCTOR DEVICE INCLUDING INTERCONNECTS FORMED BY DAMASCENE PROCESS AND MANUFACTURING METHOD THEREOF	10664875	9/22/2003	7361992	4/22/2008	Semiconductor Components Industries, LLC
1055.	CIRCUIT DEVICE MANUFACTURING METHOD	11207293	8/19/2005	7364941	4/29/2008	Semiconductor Components Industries, LLC
1056.	OPTICAL SENSOR WITH IMPROVED PLANARIZATION	11600771	11/17/2006	7365381	4/29/2008	Semiconductor Components Industries, LLC
1057.	METHOD OF FORMING AN EPROM CELL AND STRUCTURE THEREFOR	11389639	3/27/2006	7365383	4/29/2008	Semiconductor Components Industries, LLC
1058.	SEMICONDUCTOR APPARATUS	11339438	1/24/2006	7365628	4/29/2008	Semiconductor Components Industries, LLC
1059.	IMAGE SIGNAL PROCESSOR FOR PROCESSING IMAGE SIGNALS OF A PREDETERMINED FORMAT	10208614	7/30/2002	7365792	4/29/2008	Semiconductor Components Industries, LLC
1060.	NOISE CANCEL CIRCUIT	9603184	6/26/2000	7366491	4/29/2008	Semiconductor Components Industries, LLC
1061.	WELL REGION WITH ROUNDED CORNERS	11349786	2/7/2006	7368770	5/6/2008	Semiconductor Components Industries, LLC
1062.	FSK SIGNAL DEMODULATION CIRCUIT	10933129	9/2/2004	7369629	5/6/2008	Semiconductor Components Industries, LLC
1063.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE WITH CHAMFERING	10784888	2/24/2004	7371693	5/13/2008	Semiconductor Components Industries, LLC
1064.	SEMICONDUCTOR DEVICE WITH PARALLEL INTERCONNECTS	11049417	2/2/2005	7372164	5/13/2008	Semiconductor Components Industries, LLC
1065.	IMAGE SIGNAL PROCESSOR FOR USE WITH A SOLID-STATE IMAGING DEVICE	10208341	7/30/2002	7372500	5/13/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1066.	MULTI-FAULT PROTECTED HIGH SIDE SWITCH WITH CURRENT SENSE	10442630	5/20/2003	7372685	5/13/2008	Semiconductor Components Industries, LLC
1067.	SENSOR CALIBRATION USING SELECTIVELY DISCONNECTED TEMPERATURE	11460951	7/28/2006	7373266	5/13/2008	Semiconductor Components Industries, LLC
1068.	RADIO FREQUENCY ENVELOPE DETECTOR	10977295	10/29/2004	7375578	5/20/2008	Semiconductor Components Industries, LLC
1069.	METHOD OF DRIVING SOLID-STATE IMAGE PICKUP DEVICE	10969050	10/21/2004	7375747	5/20/2008	Semiconductor Components Industries, LLC
1070.	SOLID-STATE IMAGE SENSOR	11362183	2/27/2006	7378691	5/27/2008	Semiconductor Components Industries, LLC
1071.	PADE' APPROXIMANT BASED COMPENSATION FOR INTEGRATED SENSOR MODULES AND THE LIKE	11700475	1/30/2007	7378858	5/27/2008	Semiconductor Components Industries, LLC
1072.	DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY	10808589	3/25/2004	7379036	5/27/2008	Semiconductor Components Industries, LLC
1073.	IMAGE SENSOR FOR STILL OR VIDEO PHOTOGRAPHY	11009566	12/10/2004	7379107	5/27/2008	Semiconductor Components Industries, LLC
1074.	SOLID-STATE IMAGE PICKUP DEVICE FOR PRODUCING THINNED IMAGE	10988909	11/15/2004	7379110	5/27/2008	Semiconductor Components Industries, LLC
1075.	SEMICONDUCTOR STRUCTURE WITH IMPROVED ON RESISTANCE AND BREAKDOWN VOLTAGE PERFORMANCE	11193724	8/1/2005	7381603	6/3/2008	Semiconductor Components Industries, LLC
1076.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10949569	9/24/2004	7381998	6/3/2008	Semiconductor Components Industries, LLC
1077.	SEMICONDUCTOR DEVICE WITH A PEELING PREVENTION LAYER	11236881	9/28/2005	7382037	6/3/2008	Semiconductor Components Industries, LLC
1078.	SEMICONDUCTOR PACKAGE STRUCTURE AND METHOD OF MANUFACTURE	11281141	11/18/2005	7382059	6/3/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1079.	METHOD OF FORMING AN INTEGRATED VOLTAGE PROTECTION DEVICE AND STRUCTURE	11231069	9/21/2005	7382594	6/3/2008	Semiconductor Components Industries, LLC
1080.	METHOD OF FORMING A PROGRAMMABLE VOLTAGE REGULATOR AND STRUCTURE THEREFOR	11474473	6/26/2006	7382676	6/3/2008	Semiconductor Components Industries, LLC
1081.	RECEIVING CIRCUIT FOR RADIO-WAVE CLOCK BROADCAST WAVE	11240688	9/30/2005	7383031	6/3/2008	Semiconductor Components Industries, LLC
1082.	AMBIENT LIGHT SUPPRESSION CIRCUIT FOR PHOTODIODE RECEIVER APPLICATIONS	10925263	8/24/2004	7385170	6/10/2008	Semiconductor Components Industries, LLC
1083.	IMAGE SENSOR FOR STILL OR VIDEO PHOTOGRAPHY	10833917	4/28/2004	7385638	6/10/2008	Semiconductor Components Industries, LLC
1084.	METHOD OF FORMING A SECONDARY-SIDE CONTROLLER AND STRUCTURE THEREFOR	11479164	7/3/2006	7385832	6/10/2008	Semiconductor Components Industries, LLC
1085.	RECEIVER	10953373	9/29/2004	7386328	6/10/2008	Semiconductor Components Industries, LLC
1086.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11504443	8/14/2006	7391069	6/24/2008	Semiconductor Components Industries, LLC
1087.	OUTPUT CIRCUIT	11179775	7/13/2005	7391267	6/24/2008	Semiconductor Components Industries, LLC
1088.	SELF-ALIGNED TRANSISTOR	11864327	9/28/2007	7397070	7/8/2008	Semiconductor Components Industries, LLC
1089.	SEMICONDUCTOR DEVICE HAVING ENHANCED PERFORMANCE AND METHOD	11095136	4/1/2005	7397084	7/8/2008	Semiconductor Components Industries, LLC
1090.	SEMICONDUCTOR PACKAGE STRUCTURE FOR VERTICAL MOUNT AND METHOD	11311824	12/20/2005	7397120	7/8/2008	Semiconductor Components Industries, LLC
1091.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11392802	3/28/2006	7397128	7/8/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1092.	SEMICONDUCTOR DEVICE MOUNTED ON AND ELECTRICALLY CONNECTED TO CIRCUIT BOARD	11145176	6/6/2005	7397134	7/8/2008	Semiconductor Components Industries, LLC
1093.	FLIP-FLOP CIRCUIT INCLUDING LATCH CIRCUITS	11274298	11/16/2005	7397286	7/8/2008	Semiconductor Components Industries, LLC
1094.	FAN OUT BUFFER AND METHOD THEREFOR	11084643	3/21/2005	7397288	7/8/2008	Semiconductor Components Industries, LLC
1095.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11035399	1/14/2005	7399683	7/15/2008	Semiconductor Components Industries, LLC
1096.	SEMICONDUCTOR DEVICE	10958640	10/6/2004	7399999	7/15/2008	Semiconductor Components Industries, LLC
1097.	METHOD FOR REGULATING AN OUTPUT SIGNAL AND CIRCUIT THEREFOR	11133885	5/23/2005	7400127	7/15/2008	Semiconductor Components Industries, LLC
1098.	ECHO PREVENTION CIRCUIT, FILTER COEFFICIENT SETTING METHOD, AND RECORDING MEDIUM WITH PROGRAM RECORDED	11681643	3/2/2007	7400278	7/15/2008	Semiconductor Components Industries, LLC
1099.	DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY	10808586	3/25/2004	7400307	7/15/2008	Semiconductor Components Industries, LLC
1100.	POWER FACTOR CORRECTION CIRCUIT AND METHOD THEREFOR	11479198	7/3/2006	7400517	7/15/2008	Semiconductor Components Industries, LLC
1101.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11233648	9/23/2005	7402474	7/22/2008	Semiconductor Components Industries, LLC
1102.	SEMICONDUCTOR PACKAGE STRUCTURE AND METHOD OF MANUFACTURE	11403978	4/14/2006	7402895	7/22/2008	Semiconductor Components Industries, LLC
1103.	SWITCH CONTROL CIRCUIT, DELTA-SIGMA MODULATION CIRCUIT, AND DELTA-SIGMA MODULATION ANALOG-TO-DIGITAL CONVERTER	11462690	8/4/2006	7403151	7/22/2008	Semiconductor Components Industries, LLC
1104.	SWITCHING ELEMENT AND PROTECTION CIRCUIT USING THE SAME	11244393	10/6/2005	7403363	7/22/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1105.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	11220420	9/7/2005	7405461	7/29/2008	Semiconductor Components Industries, LLC
1106.	DRIVER CIRCUIT	11390371	3/28/2006	7405596	7/29/2008	Semiconductor Components Industries, LLC
1107.	SIGNAL SELECTING CIRCUIT AND RECORDING MEDIUM HAVING PROGRAM RECORDED THEREON	11611012	12/14/2006	7405684	7/29/2008	Semiconductor Components Industries, LLC
1108.	ANALOG-TO-DIGITAL CONVERTER	11700245	1/31/2007	7405690	7/29/2008	Semiconductor Components Industries, LLC
1109.	SEMICONDUCTOR PIXEL ARRAYS WITH REDUCED SENSITIVITY TO DEFECTS	10655248	9/4/2003	7408195	8/5/2008	Semiconductor Components Industries, LLC
1110.	MEMORY ADDRESS GENERATING APPARATUS, PROCESSOR HAVING THE SAME, AND MEMORY ADDRESS GENERATING METHOD	11279204	4/10/2006	7409607	8/5/2008	Semiconductor Components Industries, LLC
1111.	SEMICONDUCTOR DEVICE HAVING TRENCH CHARGE COMPENSATION REGIONS AND METHOD	11442733	5/30/2006	7411266	8/12/2008	Semiconductor Components Industries, LLC
1112.	CONSTANT CURRENT CIRCUIT OPERATING INDEPENDENT OF TEMPERATURE	11505921	8/18/2006	7411442	8/12/2008	Semiconductor Components Industries, LLC
1113.	INFORMATION PROCESSING APPARATUS AND CONTEXT SWITCHING METHOD	11229850	9/20/2005	7412590	8/12/2008	Semiconductor Components Industries, LLC
1114.	METHOD AND APPARATUS FOR DYNAMIC IMPACT TESTING	11293030	12/2/2005	7412870	8/19/2008	Semiconductor Components Industries, LLC
1115.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	11225898	9/14/2005	7413931	8/19/2008	Semiconductor Components Industries, LLC
1116.	INSULATED GATE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11230538	9/21/2005	7413954	8/19/2008	Semiconductor Components Industries, LLC
1117.	LOW VOLTAGE DETECTION CIRCUIT	11588424	10/27/2006	7414440	8/19/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1118.	ANALOG-TO-DIGITAL CONVERTER WITH A PLURALITY OF CONVERSIONS	11700064	1/31/2007	7414563	8/19/2008	Semiconductor Components Industries, LLC
1119.	CHARGE-COUPLED DEVICE HAVING MULITPLE READOUT PATHS FOR MULTIPLE OUTPUTS	11048467	1/31/2005	7414655	8/19/2008	Semiconductor Components Industries, LLC
1120.	CURRENT CONTROL CIRCUIT	11018826	12/21/2004	7414822	8/19/2008	Semiconductor Components Industries, LLC
1121.	SCHOTTKY DIODE STRUCTURE WITH ENHANCED BREAKDOWN VOLTAGE AND METHOD OF MANUFACTURE	11345789	2/3/2006	7417265	8/26/2008	Semiconductor Components Industries, LLC
1122.	INSULATED GATE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11496723	8/1/2006	7417295	8/26/2008	Semiconductor Components Industries, LLC
1123.	DATA WRITE CIRCUIT	10834613	4/28/2004	7417638	8/26/2008	Semiconductor Components Industries, LLC
1124.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE WITH CAPACITOR AND TRANSISTOR	11330402	1/12/2006	7419874	9/2/2008	Semiconductor Components Industries, LLC
1125.	SEMICONDUCTOR DEVICE HAVING TRENCH STRUCTURES AND METHOD	11769650	6/27/2007	7420258	9/2/2008	Semiconductor Components Industries, LLC
1126.	MOTOR SPEED CONTROL CIRCUIT	11468277	8/29/2006	7420340	9/2/2008	Semiconductor Components Industries, LLC
1127.	APPARATUS AND METHOD FOR SETTING FILTER COEFFICIENT, AND RECORDING MEDIUM HAVING A PROGRAM RECORDED THEREON	11672648	2/8/2007	7420488	9/2/2008	Semiconductor Components Industries, LLC
1128.	ANALOG-TO-DIGITAL CONVERTER AND THRESHOLD-VALUE CORRECTING METHOD	11645564	12/27/2006	7420499	9/2/2008	Semiconductor Components Industries, LLC
1129.	IMAGE-SIGNAL PROCESSING APPARATUS FOR ENHANCING SPECIFIC FREQUENCY COMPONENT OF IMAGE SIGNAL AND CORRECTING THE EDGE OF REPRODUCED IMAGE	11070264	3/3/2005	7420623	9/2/2008	Semiconductor Components Industries, LLC
1130.	INTERLINE CCD IMPLEMENTATION OF HYBRID	10665035	9/17/2003	7423681	9/9/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	TWO COLOR PER PIXEL ARCHITECTURE					
1131.	AMPLIFIER FOR AMPLIFYING INPUT SIGNAL SUCH AS VIDEO SIGNAL AND OUTPUTTING AMPLIFIED SIGNAL	10992029	11/18/2004	7423698	9/9/2008	Semiconductor Components Industries, LLC
1132.	FAULT CONTROL CIRCUIT AND METHOD THEREFOR	11324072	1/3/2006	7423856	9/9/2008	Semiconductor Components Industries, LLC
1133.	SEMICONDUCTOR DEVICE WITH A SUBSTRATE HAVING A SPIRAL SHAPED COIL	11314039	12/20/2005	7432580	10/7/2008	Semiconductor Components Industries, LLC
1134.	CIRCUIT AND METHOD FOR CONTROLLING MOTOR	11367766	3/3/2006	7432680	10/7/2008	Semiconductor Components Industries, LLC
1135.	VIDEO SIGNAL PROCESSING CIRCUIT	10736776	12/17/2003	7432918	10/7/2008	Semiconductor Components Industries, LLC
1136.	PROGRAM PROCESSING DEVICE	10919147	8/16/2004	7434103	10/7/2008	Semiconductor Components Industries, LLC
1137.	PHOTODETECTION APPARATUS WITH OPERATION-MODE SWITCHING BETWEEN CURRENT OUTPUT MODE AND VOLTAGE OUTPUT MODE	11390424	3/28/2006	7435937	10/14/2008	Semiconductor Components Industries, LLC
1138.	ENCAPSULATED CHIP SCALE PACKAGE HAVING FLIP-CHIP ON LEAD FRAME STRUCTURE AND METHOD	11205464	8/18/2005	7439100	10/21/2008	Semiconductor Components Industries, LLC
1139.	METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	11123248	5/6/2005	7439137	10/21/2008	Semiconductor Components Industries, LLC
1140.	SEMICONDUCTOR DEVICE	11617517	12/28/2006	7439578	10/21/2008	Semiconductor Components Industries, LLC
1141.	DC-DC CONVERTER AND METHOD	11530983	9/12/2006	7439716	10/21/2008	Semiconductor Components Industries, LLC
1142.	MEMORY CONTROL CIRCUIT AND MEMORY CONTROL METHOD	11614793	12/21/2006	7440338	10/21/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1143.	CIRCUIT DEVICE AND METHOD OF MANUFACTURE THEREOF	10733724	12/11/2003	7443043	10/28/2008	Semiconductor Components Industries, LLC
1144.	NEGATIVE CURRENT COMPENSATION METHOD AND CIRCUIT	10566565	6/27/2006	7443699	10/28/2008	Semiconductor Components Industries, LLC
1145.	MANUFACTURING METHOD FOR SEMICONDUCTOR DEVICE	11594986	11/9/2006	7446009	11/4/2008	Semiconductor Components Industries, LLC
1146.	POWER SEMICONDUCTOR DEVICE HAVING IMPROVED PERFORMANCE AND METHOD	11112597	4/25/2005	7446354	11/4/2008	Semiconductor Components Industries, LLC
1147.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11339110	1/26/2006	7446517	11/4/2008	Semiconductor Components Industries, LLC
1148.	APPARATUS AND METHOD THAT PROVIDES ACTIVE PULL-UP AND LOGIC TRANSLATION FROM ONE SIGNAL MODE TO ANOTHER SIGNAL MODE	11424533	6/15/2006	7446565	11/4/2008	Semiconductor Components Industries, LLC
1149.	CMOS ACTIVE PIXEL WITH HARD AND SOFT RESET	10752131	1/6/2004	7446805	11/4/2008	Semiconductor Components Industries, LLC
1150.	POWER SUPPLY CONTROLLER METHOD AND STRUCTURE	10549543	9/19/2005	7447601	11/4/2008	Semiconductor Components Industries, LLC
1151.	SEMICONDUCTOR DEVICE AND METHOD FOR TESTING SEMICONDUCTOR DEVICE	10951398	9/28/2004	7451368	11/11/2008	Semiconductor Components Industries, LLC
1152.	CIRCUIT DEVICE	11391680	3/29/2006	7453153	11/18/2008	Semiconductor Components Industries, LLC
1153.	LOW-VOLTAGE DETECTION RESET CIRCUIT	11812510	6/19/2007	7453295	11/18/2008	Semiconductor Components Industries, LLC
1154.	PWM CONTROLLER AND METHOD THEREFOR	11780611	7/20/2007	7453298	11/18/2008	Semiconductor Components Industries, LLC
1155.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11069061	3/2/2005	7456083	11/25/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1156.	MULTI-CURRENT BATTERY CHARGER CIRCUIT AND METHOD THEREFOR	11200789	8/11/2005	7456611	11/25/2008	Semiconductor Components Industries, LLC
1157.	ANALOG-TO-DIGITAL CONVERTER CIRCUIT AND SIGNAL PROCESSING CIRCUIT	11693561	3/29/2007	7456776	11/25/2008	Semiconductor Components Industries, LLC
1158.	MULTIPLE READ PHOTODIODE	10460604	6/12/2003	7456891	11/25/2008	Semiconductor Components Industries, LLC
1159.	IMAGING APPARATUS AND CONTROL CIRCUIT OF IMAGING DEVICE	11187022	7/22/2005	7456899	11/25/2008	Semiconductor Components Industries, LLC
1160.	VIDEO SIGNAL PROCESSING CIRCUIT	11242772	10/4/2005	7456903	11/25/2008	Semiconductor Components Industries, LLC
1161.	SINGLE PIN MULTI-FUNCTION SIGNAL DETECTION METHOD AND STRUCTURE THEREFOR	11181332	7/14/2005	7457138	11/25/2008	Semiconductor Components Industries, LLC
1162.	METHOD FOR MANUFACTURING MICRO LENSES INCLUDING UNDERLAYER FILM AND LENS FILM ETCHING STEPS	10533030	4/26/2005	7459327	12/2/2008	Semiconductor Components Industries, LLC
1163.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND MANUFACTURING METHOD OF THE SAME	11363507	2/28/2006	7459747	12/2/2008	Semiconductor Components Industries, LLC
1164.	SEMICONDUCTOR BIPOLAR TRANSISTOR	11392613	3/30/2006	7459766	12/2/2008	Semiconductor Components Industries, LLC
1165.	SEMICONDUCTOR INTEGRATED CIRCUIT	11098620	4/5/2005	7459965	12/2/2008	Semiconductor Components Industries, LLC
1166.	OPTICAL DISK RECORDING/PLAYBACK APPARATUS AND OPTICAL DISK EVALUTAION METHOD USING A TEMPORARY MEMORY	11073941	3/8/2005	7460457	12/2/2008	Semiconductor Components Industries, LLC
1167.	DATA REPRODUCTION DEVICE	10978291	10/29/2004	7460627	12/2/2008	Semiconductor Components Industries, LLC
1168.	METHOD OF FORMING A TRENCH SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	11256409	10/24/2005	7462550	12/9/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1169.	METHOD FOR MANUFACTURING INTEGRATED CIRCUIT	11790230	4/24/2007	7462567	12/9/2008	Semiconductor Components Industries, LLC
1170.	DRIVER CIRCUIT	11091342	3/29/2005	7463236	12/9/2008	Semiconductor Components Industries, LLC
1171.	IMAGE DATA PROCESSING APPARATUS	10531768	4/19/2005	7463286	12/9/2008	Semiconductor Components Industries, LLC
1172.	DATA SLICER CIRCUIT	10952366	9/29/2004	7463308	12/9/2008	Semiconductor Components Industries, LLC
1173.	SEMICONDUCTOR FILTER STRUCTURE AND METHOD OF MANUFACTURE	11454387	6/16/2006	7466212	12/16/2008	Semiconductor Components Industries, LLC
1174.	COMMUNICATION DEVICE AND DISTANCE CALCULATION SYSTEM	11245497	10/7/2005	7466219	12/16/2008	Semiconductor Components Industries, LLC
1175.	POWER SUPPLY OUTPUT MONITOR	11367003	3/1/2006	7466894	12/16/2008	Semiconductor Components Industries, LLC
1176.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10954370	10/1/2004	7468303	12/23/2008	Semiconductor Components Industries, LLC
1177.	DC-DC CONVERTER WITH SWITCHABLE CAPACITORS	11191242	7/28/2005	7468898	12/23/2008	Semiconductor Components Industries, LLC
1178.	DELAY SIGNAL GENERATOR AND RECORDING PULSE GENERATOR	10504607	8/13/2004	7471128	12/30/2008	Semiconductor Components Industries, LLC
1179.	METHOD AND APPARATUS FOR DECREASING LAYOUT AREA IN A PIPELINED ANALOG-TO-DIGITAL CONVERTER	11506702	8/18/2006	7471227	12/30/2008	Semiconductor Components Industries, LLC
1180.	OPTICAL SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	11086989	3/23/2005	7473945	1/6/2009	Semiconductor Components Industries, LLC
1181.	ANALOG-TO-DIGITAL CONVERTER	11700130	1/31/2007	7474238	1/6/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1182.	SOLID STATE IMAGE PICKUP DEVICE COMPRISING LENSES FOR CONDENSING LIGHT ON PHOTODETECTION PARTS	10920382	8/18/2004	7474350	1/6/2009	Semiconductor Components Industries, LLC
1183.	SEMICONDUCTOR DEVICE	11247153	10/12/2005	7474570	1/6/2009	Semiconductor Components Industries, LLC
1184.	ENCODING APPARATUS FOR STORING DATA TO DISK	11080673	3/16/2005	7475324	1/6/2009	Semiconductor Components Industries, LLC
1185.	DATA PROCESSOR	11293980	12/5/2005	7475325	1/6/2009	Semiconductor Components Industries, LLC
1186.	MEMORY HAVING REDUCED MEMORY CELL SIZE	11073897	3/8/2005	7476945	1/13/2009	Semiconductor Components Industries, LLC
1187.	ENCAPSULATED ELECTRONIC DEVICE	11769490	6/27/2007	7476959	1/13/2009	Semiconductor Components Industries, LLC
1188.	MULTI-PHASE POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11286979	11/28/2005	7477084	1/13/2009	Semiconductor Components Industries, LLC
1189.	COMBINED AD/DA CONVERTING APPARATUS	11766687	6/21/2007	7477173	1/13/2009	Semiconductor Components Industries, LLC
1190.	SWITCHING ELEMENT AND PROTECTION CIRCUIT USING THE SAME	11244391	10/6/2005	7477499	1/13/2009	Semiconductor Components Industries, LLC
1191.	METHOD OF FORMING A START-UP DEVICE AND STRUCTURE THEREFOR	11205435	8/18/2005	7477532	1/13/2009	Semiconductor Components Industries, LLC
1192.	METHOD AND APPARATUS THAT PROVIDES DIFFERENTIAL CONNECTIONS WITH IMPROVED ESD PROTECTION AND ROUTING	11291521	11/30/2005	7479680	1/20/2009	Semiconductor Components Industries, LLC
1193.	MEMORY ACCESS APPARATUS	11734749	4/12/2007	7480188	1/20/2009	Semiconductor Components Industries, LLC
1194.	SEMICONDUCTOR DEVICE HAVING DEEP TRENCH CHARGE COMPENSATION REGIONS AND METHOD	11582889	10/19/2006	7482220	1/27/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1195.	FAN SPEED CONTROL SYSTEM	10178436	6/24/2002	7483270	1/27/2009	Semiconductor Components Industries, LLC
1196.	ISOLATION STRUCTURE FOR SEMICONDUCTOR DEVICE INCLUDING DOUBLE DIFFUSION ISOLATION REGION FORMING PN JUNCTION WITH NEIGHBORING WELLS AND ISOLATION REGION BENEATH	11526869	9/26/2006	7485922	2/3/2009	Semiconductor Components Industries, LLC
1197.	SEMICONDUCTOR DEVICE WITH VIA HOLE FOR ELECTRIC CONNECTION	11362503	2/27/2006	7485967	2/3/2009	Semiconductor Components Industries, LLC
1198.	SWITCHING POWER SUPPLY CONTROLLER WITH IMPROVED EFFECIENCY AND METHOD THEREFOR	11337236	1/23/2006	7486529	2/3/2009	Semiconductor Components Industries, LLC
1199.	CMOS ACTIVE PIXEL WITH HARD AND SOFT RESET	10752112	1/6/2004	7489354	2/10/2009	Semiconductor Components Industries, LLC
1200.	CMOS ACTIVE PIXEL WITH HARD AND SOFT RESET	10752197	1/6/2004	7489355	2/10/2009	Semiconductor Components Industries, LLC
1201.	HYBRID INTEGRATED CIRCUIT DEVICE	11085342	3/21/2005	7491894	2/17/2009	Semiconductor Components Industries, LLC
1202.	VOLTAGE SELECTION CIRCUIT	11614800	12/21/2006	7492210	2/17/2009	Semiconductor Components Industries, LLC
1203.	FAST FLUSH STRUCTURE FOR SOLID-STATE IMAGE SENSORS	11052347	2/7/2005	7492404	2/17/2009	Semiconductor Components Industries, LLC
1204.	SEMICONDUCTOR PACKAGE STRUCTURE HAVING MULTIPLE HEAT DISSIPATION PATHS AND METHOD OF MANUFACTURE	11468542	8/30/2006	7495323	2/24/2009	Semiconductor Components Industries, LLC
1205.	CHUCKING METHOD AND PROCESSING METHOD USING THE SAME	11287484	11/28/2005	7495881	2/24/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1206.	MULTI-CHIP SEMICONDUCTOR CONNECTOR ASSEMBLY METHOD	11673942	2/12/2007	7498195	3/3/2009	Semiconductor Components Industries, LLC
1207.	COMPOUND SEMICONDUCTOR SWITCH CIRCUIT DEVICE	11412113	4/27/2006	7498616	3/3/2009	Semiconductor Components Industries, LLC
1208.	AMPLITUDE SETTING CIRCUIT	11276140	2/15/2006	7501878	3/10/2009	Semiconductor Components Industries, LLC
1209.	METHOD OF FORMING AN OPERATIONAL AMPLIFIER AND STRUCTURE THEREFOR	11623134	1/15/2007	7501894	3/10/2009	Semiconductor Components Industries, LLC
1210.	DATA PROCESSING INTEGRATED CIRCUIT INCLUDING A MEMORY TRANSFER CONTROLLER	11315593	12/23/2005	7502900	3/10/2009	Semiconductor Components Industries, LLC
1211.	SEMICONDUCTOR DEVICE WITH SLANTING SIDE SURFACE FOR EXTERNAL CONNECTION	11135668	5/24/2005	7504722	3/17/2009	Semiconductor Components Industries, LLC
1212.	AMPLIFIER CIRCUIT	11926611	10/29/2007	7504880	3/17/2009	Semiconductor Components Industries, LLC
1213.	NON-PLANAR PACKAGING OF IMAGE SENSOR	11477067	6/27/2006	7507944	3/24/2009	Semiconductor Components Industries, LLC
1214.	MULTI-CHIP SEMICONDUCTOR CONNECTOR ASSEMBLIES	11860379	9/24/2007	7508060	3/24/2009	Semiconductor Components Industries, LLC
1215.	SEMICONDUCTOR DEVICE WITH PAD ELECTRODE FOR TESTING AND MANUFACTURING METHOD OF THE SAME	11529553	9/29/2006	7508072	3/24/2009	Semiconductor Components Industries, LLC
1216.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11185400	7/21/2005	7508183	3/24/2009	Semiconductor Components Industries, LLC
1217.	RESONANCE CIRCUIT WITH VARIABLE VARACTOR DIODES	11499869	8/7/2006	7508279	3/24/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1218.	METHOD OF FORMING AN IN-RUSH LIMITER AND STRUCTURE THEREFOR	11144417	6/6/2005	7508641	3/24/2009	Semiconductor Components Industries, LLC
1219.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11111999	4/22/2005	7511320	3/31/2009	Semiconductor Components Industries, LLC
1220.	SEMICONDUCTOR DEVICE HAVING FUSE ELEMENT	11523890	9/20/2006	7511355	3/31/2009	Semiconductor Components Industries, LLC
1221.	APPARATUS AND METHOD FOR EXTENDED DEPTH OF FIELD IMAGING	11956553	12/14/2007	7511895	3/31/2009	Semiconductor Components Industries, LLC
1222.	ACTIVE ELEMENT AND SWITCHING CIRCUIT DEVICE	11390434	3/28/2006	7514727	4/7/2009	Semiconductor Components Industries, LLC
1223.	SECONDARY SIDE CONTROLLER AND METHOD THEREFOR	11137872	5/27/2005	7515442	4/7/2009	Semiconductor Components Industries, LLC
1224.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURING	11668872	1/30/2007	7518185	4/14/2009	Semiconductor Components Industries, LLC
1225.	CURRENT DETECTION CIRCUIT	11821449	6/22/2007	7518413	4/14/2009	Semiconductor Components Industries, LLC
1226.	POWER CIRCUIT APPLYING AC VOLTAGE AND DC VOLTAGE TO RESPECTIVE TERMINALS OF A CAPACITOR, FOR OUTPUTTING AC VOLTAGE SHIFTED IN ACCORDANCE WITH THE DC VOLTAGE	10928777	10/28/2004	7518603	4/14/2009	Semiconductor Components Industries, LLC
1227.	MEMORY	11489535	7/20/2006	7518900	4/14/2009	Semiconductor Components Industries, LLC
1228.	METHOD OF MANUFACTURING CIRCUIT DEVICE	11622198	1/11/2007	7521290	4/21/2009	Semiconductor Components Industries, LLC
1229.	SEMICONDUCTOR DEVICE AND A METHOD OF FABRICATING THE SAME	11194446	8/2/2005	7521306	4/21/2009	Semiconductor Components Industries, LLC
1230.	LINEAR REGULATOR AND METHOD THEREFOR	11403979	4/14/2006	7521909	4/21/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1231.	TERNARY PULSE GENERATION CIRCUIT	11583250	10/19/2006	7521979	4/21/2009	Semiconductor Components Industries, LLC
1232.	METHOD FOR REGULATING TEMPERATURE AND CIRCUIT THEREFOR	11171018	7/1/2005	7521985	4/21/2009	Semiconductor Components Industries, LLC
1233.	IMAGE SENSOR WITH CHARGE MULTIPLICATION	10939140	9/10/2004	7522205	4/21/2009	Semiconductor Components Industries, LLC
1234.	DIFFERENTIAL AMPLIFIER	11902557	9/24/2007	7525383	4/28/2009	Semiconductor Components Industries, LLC
1235.	DELAY LOCKED LOOP WITH LOW JITTER	11929765	10/30/2007	7526056	4/28/2009	Semiconductor Components Industries, LLC
1236.	INSULATED GATE SEMICONDUCTOR DEVICE	11839293	8/15/2007	7528441	5/5/2009	Semiconductor Components Industries, LLC
1237.	CIRCUIT DEVICE	11164522	11/28/2005	7529093	5/5/2009	Semiconductor Components Industries, LLC
1238.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	11474300	6/23/2006	7531785	5/12/2009	Semiconductor Components Industries, LLC
1239.	DIFFERENTIAL AMPLIFIER CIRCUIT	11946760	11/28/2007	7532068	5/12/2009	Semiconductor Components Industries, LLC
1240.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	11233637	9/23/2005	7534665	5/19/2009	Semiconductor Components Industries, LLC
1241.	SEMICONDUCTOR DEVICE WITH LEAD FRAMES	11692563	3/28/2007	7535087	5/19/2009	Semiconductor Components Industries, LLC
1242.	MOTOR DRIVE CIRCUIT	11690280	3/23/2007	7535189	5/19/2009	Semiconductor Components Industries, LLC
1243.	HIGH ACCURACY ZERO CROSSING DETECTOR AND METHOD THEREFOR	11573152	2/2/2007	7535265	5/19/2009	Semiconductor Components Industries, LLC
1244.	METHOD OF FORMING A PWM CONTROLLER AND STRUCTURE THEREFOR	11749542	5/16/2007	7535276	5/19/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1245.	SWITCHING CONTROL CIRCUIT	11959369	12/18/2007	7535284	5/19/2009	Semiconductor Components Industries, LLC
1246.	AM RADIO RECEIVING CIRCUIT	11458623	7/19/2006	7535290	5/19/2009	Semiconductor Components Industries, LLC
1247.	IMAGE SIGNAL PROCESSOR	11234207	9/26/2005	7536367	5/19/2009	Semiconductor Components Industries, LLC
1248.	SOLID STATE IMAGING DEVICE AND METHOD FOR MANUFACTURING SOLID STATE IMAGING DEVICE	11754885	5/29/2007	7537957	5/26/2009	Semiconductor Components Industries, LLC
1249.	BI-DIRECTIONAL TRANSISTOR WITH BY-PASS PATH AND METHOD THEREFOR	11367626	3/6/2006	7537970	5/26/2009	Semiconductor Components Industries, LLC
1250.	IMAGE PICKUP APPARATUS	12010717	1/29/2008	7538309	5/26/2009	Semiconductor Components Industries, LLC
1251.	SEMICONDUCTOR DEVICE HAVING REDUCED GATE CHARGE AND REDUCED ON RESISTANCE AND METHOD	11624560	1/18/2007	7538370	5/26/2009	Semiconductor Components Industries, LLC
1252.	COMPOUND SEMICONDUCTOR SWITCH CIRCUIT DEVICE	11314101	12/22/2005	7538394	5/26/2009	Semiconductor Components Industries, LLC
1253.	METHOD OF FORMING LOW CAPACITANCE ESD DEVICE AND STRUCTURE THEREFOR	11859570	9/21/2007	7538395	5/26/2009	Semiconductor Components Industries, LLC
1254.	OSCILLATOR CIRCUIT	11798933	5/17/2007	7538629	5/26/2009	Semiconductor Components Industries, LLC
1255.	SOLID-STATE IMAGE PICKUP DEVICE THAT SUPPRESSES CROSSTALK BETWEEN PIXELS	11212619	8/29/2005	7538811	5/26/2009	Semiconductor Components Industries, LLC
1256.	OPTICAL DISK PLAYBACK APPARATUS AND DECODER DETERMINING TEXT INFORMATION	11129575	5/16/2005	7539092	5/26/2009	Semiconductor Components Industries, LLC
1257.	WIRE BOND AND REDISTRIBUTION LAYER PROCESS	11352418	2/10/2006	7541251	6/2/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1258.	COMPENSATED SWITCHING POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11554681	10/31/2006	7541792	6/2/2009	Semiconductor Components Industries, LLC
1259.	SEMICONDUCTOR MEMORY DEVICE	11946674	11/28/2007	7542349	6/2/2009	Semiconductor Components Industries, LLC
1260.	SIGNAL PROCESSING CIRCUIT COMPRISING AN ATTENUATING UNIT, A DETECTING UNIT, AND AN ATTENUATION RATE SETTING UNIT	10599240	9/22/2006	7542748	6/2/2009	Semiconductor Components Industries, LLC
1261.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11776843	7/12/2007	7545134	6/9/2009	Semiconductor Components Industries, LLC
1262.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11770238	6/28/2007	7547950	6/16/2009	Semiconductor Components Industries, LLC
1263.	SOLID-STATE IMAGE SENSING DEVICE HAVING PHOTORECEPTIVE ELEMENT	10999910	11/30/2004	7548268	6/16/2009	Semiconductor Components Industries, LLC
1264.	LIGHT EMITTING DEVICE DRIVE CONTROLLER AND A LIGHT EMITTING DEVICE DRIVING APPARATUS	11379978	4/24/2006	7551101	6/23/2009	Semiconductor Components Industries, LLC
1265.	SEMICONDUCTOR DEVICE	11861697	9/26/2007	7554183	6/30/2009	Semiconductor Components Industries, LLC
1266.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE WITH TWO-STEP ETCHING OF LAYER	11191276	7/28/2005	7557017	7/7/2009	Semiconductor Components Industries, LLC
1267.	SOLID IMAGE CAPTURING ELEMENT FOR POWER SAVING AT OUTPUT SECTION AND MANUFACTURING METHOD FOR THE SAME	10688073	10/17/2003	7557390	7/7/2009	Semiconductor Components Industries, LLC
1268.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11635812	12/8/2006	7560797	7/14/2009	Semiconductor Components Industries, LLC
1269.	METHOD AND APPARATUS FOR FREQUENCY MODULATING A PERIODIC SIGNAL OF VARYING DUTY CYCLE	11115550	4/26/2005	7561002	7/14/2009	Semiconductor Components Industries, LLC
1270.	SEMICONDUCTOR DEVICE	11181890	7/15/2005	7564075	7/21/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1271.	MOTOR SPEED CONTROL CIRCUIT	11468272	8/29/2006	7564204	7/21/2009	Semiconductor Components Industries, LLC
1272.	SHUNT PROTECTION CIRCUIT AND METHOD THEREFOR	11416506	5/2/2006	7564666	7/21/2009	Semiconductor Components Industries, LLC
1273.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	11566891	12/5/2006	7564704	7/21/2009	Semiconductor Components Industries, LLC
1274.	SEMICONDUCTOR PACKAGE STRUCTURE FOR VERTICAL MOUNT AND METHOD	12017856	1/22/2008	7566967	7/28/2009	Semiconductor Components Industries, LLC
1275.	DELTA SIGMA MODULATOR AND DELTA SIGMA A/D CONVERTER	12143331	6/20/2008	7567194	7/28/2009	Semiconductor Components Industries, LLC
1276.	PROTECTION CIRCUIT WITH MINIMIZED VOLTAGE REFERENCE UNEVENNESS BETWEEN CHARGER AND BATTERY PACK	11762693	6/13/2007	7570026	8/4/2009	Semiconductor Components Industries, LLC
1277.	ACCURATE VOLTAGE REFERENCE CIRCUIT AND METHOD THEREFOR	11688136	3/19/2007	7570040	8/4/2009	Semiconductor Components Industries, LLC
1278.	STEP-UP SWITCHING VOLTAGE REGULATOR CIRCUIT	11212243	8/26/2005	7573248	8/11/2009	Semiconductor Components Industries, LLC
1279.	CURRENT MIRROR BIAS TRIMMING TECHNIQUE	11756272	5/31/2007	7573323	8/11/2009	Semiconductor Components Industries, LLC
1280.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11451633	6/13/2006	7575994	8/18/2009	Semiconductor Components Industries, LLC
1281.	LOW OPERATING VOLTAGE ELECTRO-STATIC DISCHARGE DEVICE AND METHOD	11738152	4/20/2007	7576370	8/18/2009	Semiconductor Components Industries, LLC
1282.	SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURING THE SAME, AND CAMERA MODULE	11642958	12/21/2006	7576402	8/18/2009	Semiconductor Components Industries, LLC
1283.	MULTI-CHANNEL ESD DEVICE AND METHOD THEREFOR	11859624	9/21/2007	7579632	8/25/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1284.	SEMICONDUCTOR DEVICE	11393530	3/29/2006	7579651	8/25/2009	Semiconductor Components Industries, LLC
1285.	INTEGRATED FILTER HAVING GROUND PLANE STRUCTURE	11482238	7/3/2006	7579670	8/25/2009	Semiconductor Components Industries, LLC
1286.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10851638	5/24/2004	7579671	8/25/2009	Semiconductor Components Industries, LLC
1287.	CURRENT REGULATOR AND METHOD THEREFOR	11190226	7/28/2005	7579818	8/25/2009	Semiconductor Components Industries, LLC
1288.	ACCURATE TIMING GENERATOR AND METHOD THEREFOR	11441328	5/26/2006	7579892	8/25/2009	Semiconductor Components Industries, LLC
1289.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11257406	10/25/2005	7582971	9/1/2009	Semiconductor Components Industries, LLC
1290.	LED CONTROLLER AND METHOD THEREFOR	11535177	9/26/2006	7583034	9/1/2009	Semiconductor Components Industries, LLC
1291.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11561990	11/21/2006	7583120	9/1/2009	Semiconductor Components Industries, LLC
1292.	CHARGE PUMP CIRCUIT	12038579	2/27/2008	7583131	9/1/2009	Semiconductor Components Industries, LLC
1293.	LOW AUDIBLE NOISE POWER SUPPLY METHOD AND CONTROLLER THEREFOR	10546491	8/22/2005	7583522	9/1/2009	Semiconductor Components Industries, LLC
1294.	LIGHTSHIELD ARCHITECTURE FOR INTERLINE TRANSFER IMAGE SENSORS	11491009	7/21/2006	7585695	9/8/2009	Semiconductor Components Industries, LLC
1295.	METHOD OF FORMING A LEADED MOLDED ARRAY PACKAGE	11259981	10/28/2005	7588999	9/15/2009	Semiconductor Components Industries, LLC
1296.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11875438	10/19/2007	7589388	9/15/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1297.	FILTER HAVING INTEGRATED FLOATING CAPACITOR AND TRANSIENT VOLTAGE SUPPRESSION STRUCTURE AND METHOD OF MANUFACTURE	11454682	6/16/2006	7589392	9/15/2009	Semiconductor Components Industries, LLC
1298.	MOTOR CONTROL CIRCUIT, FAN MOTOR, ELECTRONIC DEVICE, AND NOTEBOOK PERSONAL COMPUTER	12254731	10/20/2008	7589485	9/15/2009	Semiconductor Components Industries, LLC
1299.	STRUCTURED ASIC WITH CONFIGURABLE DIE SIZE AND SELECTABLE EMBEDDED FUNCTIONS	11669871	1/31/2007	7590967	9/15/2009	Semiconductor Components Industries, LLC
1300.	BOOSTED SWITCH DRIVE WITH CHARGE TRANSFER	10976196	10/26/2004	7592718	9/22/2009	Semiconductor Components Industries, LLC
1301.	OFFSET ADJUSTING APPARATUS	11766684	6/21/2007	7592848	9/22/2009	Semiconductor Components Industries, LLC
1302.	APPARATUS AND METHOD FOR EXTENDED DEPTH OF FIELD IMAGING	11963033	12/21/2007	7593161	9/22/2009	Semiconductor Components Industries, LLC
1303.	SWITCHING POWER SUPPLY CONTROL	11109466	4/18/2005	7595617	9/29/2009	Semiconductor Components Industries, LLC
1304.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	11681500	3/2/2007	7598123	10/6/2009	Semiconductor Components Industries, LLC
1305.	SEMICONDUCTOR DEVICE IN WHICH THE EMITTER RESISTANCE IS REDUCED	11065344	2/25/2005	7598521	10/6/2009	Semiconductor Components Industries, LLC
1306.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	11618363	12/29/2006	7602027	10/13/2009	Semiconductor Components Industries, LLC
1307.	METHOD OF FORMING A MOLDED ARRAY PACKAGE DEVICE HAVING AN EXPOSED TAB AND STRUCTURE	11243195	10/5/2005	7602054	10/13/2009	Semiconductor Components Industries, LLC
1308.	METHOD OF FORMING A TRANSISTOR DIAGNOSTIC CIRCUIT	11759772	6/7/2007	7602206	10/13/2009	Semiconductor Components Industries, LLC
1309.	SEMICONDUCTOR DEVICE	11086990	3/23/2005	7605475	10/20/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1310.	DIAGNOSTIC AND MAINTENANCE SYSTEMS AND METHODS FOR LED POWER MANAGEMENT INTEGRATED CIRCUITS	11535047	9/25/2006	7606679	10/20/2009	Semiconductor Components Industries, LLC
1311.	SEMICONDUCTOR PIXEL ARRAYS WITH REDUCED SENSITIVITY TO DEFECTS	12164936	6/30/2008	7608516	10/27/2009	Semiconductor Components Industries, LLC
1312.	INVERTED CIRCUIT OVERCURRENT PROTECTION DEVICE AND HYBRID INTEGRATED CIRCUIT DEVICE WITH THE SAME INCORPORATED	11533211	9/19/2006	7609498	10/27/2009	Semiconductor Components Industries, LLC
1313.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	11699584	1/30/2007	7611957	11/3/2009	Semiconductor Components Industries, LLC
1314.	CIRCUIT APPARATUS AND METHOD OF FABRICATING THE APPARATUS	11740669	4/26/2007	7612445	11/3/2009	Semiconductor Components Industries, LLC
1315.	EDGE SEAL FOR A SEMICONDUCTOR DEVICE AND METHOD THEREFOR	11754087	5/25/2007	7615469	11/10/2009	Semiconductor Components Industries, LLC
1316.	JUNCTION FIELD EFFECT TRANSISTOR AND METHOD OF MANUFACTURING THE SAME	11844817	8/24/2007	7615809	11/10/2009	Semiconductor Components Industries, LLC
1317.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11058427	2/16/2005	7615839	11/10/2009	Semiconductor Components Industries, LLC
1318.	LINEAR-LOGARITHMIC PIXEL SENSORS AND GAIN CONTROL CIRCUITS THEREFOR	10869420	6/16/2004	7616242	11/10/2009	Semiconductor Components Industries, LLC
1319.	METHOD OF FORMING A LOW CAPACITANCE SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	11671664	2/6/2007	7619287	11/17/2009	Semiconductor Components Industries, LLC
1320.	SEMICONDUCTOR INTEGRATED DEVICE HAVING SOLID-STATE IMAGE SENSOR PACKAGED WITHIN AND PRODUCTION METHOD FOR SAME	12041530	3/3/2008	7619292	11/17/2009	Semiconductor Components Industries, LLC
1321.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11562107	11/21/2006	7619299	11/17/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1322.	CIRCUIT FOR INHIBITING OVER-CURRENT IN POWER AMPLIFIER	11863881	9/28/2007	7619481	11/17/2009	Semiconductor Components Industries, LLC
1323.	SERIAL-TO-PARALLEL CONVERTER CIRCUIT AND LIQUID CRYSTAL DISPLAY DRIVING CIRCUIT	12044867	3/7/2008	7619547	11/17/2009	Semiconductor Components Industries, LLC
1324.	EMI SHIELDING FOR IMAGER DEVICES	11966642	12/28/2007	7622786	11/24/2009	Semiconductor Components Industries, LLC
1325.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10683464	10/14/2003	7622810	11/24/2009	Semiconductor Components Industries, LLC
1326.	POWER SUPPLY SOFT START CONTROLLER WITH NO OUTPUT VOLTAGE UNDERSHOOT WHEN TRANSISTIONING FROM SKIP CYCLE MODE TO NORMAL MODE	11573708	6/14/2007	7623361	11/24/2009	Semiconductor Components Industries, LLC
1327.	METHOD OF MAKING A TRANSISTOR WITH A SLOPED DRAIN DIFFUSION LAYER	11392779	3/28/2006	7629214	12/8/2009	Semiconductor Components Industries, LLC
1328.	IMAGING APPARATUS CAPABLE OF CAPTURING A SYNTHESIZED IMAGE OF A VISIBLE-SPECTRUM IMAGE AND AN INFRARED-SPECTRUM IMAGE	12230743	9/4/2008	7629565	12/8/2009	Semiconductor Components Industries, LLC
1329.	INSULATED GATE-TYPE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11023961	12/29/2004	7629644	12/8/2009	Semiconductor Components Industries, LLC
1330.	MODULO ARITHMETIC	11488663	7/19/2006	7631164	12/8/2009	Semiconductor Components Industries, LLC
1331.	SEMICONDUCTOR DEVICE HAVING FIELD STABILIZATION FILM AND METHOD	11099895	4/7/2005	7632760	12/15/2009	Semiconductor Components Industries, LLC
1332.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11639411	12/15/2006	7633133	12/15/2009	Semiconductor Components Industries, LLC
1333.	SEMICONDUCTOR DIODE DEVICE WITH LATERAL TRANSISTOR	11785254	4/16/2007	7633139	12/15/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1334.	STATIC RANDOM ACCESS MEMORY CELL	11712751	2/28/2007	7633792	12/15/2009	Semiconductor Components Industries, LLC
1335.	STATIC RANDOM ACCESS MEMORY CELL	11712764	2/28/2007	7633793	12/15/2009	Semiconductor Components Industries, LLC
1336.	STATIC RANDOM ACCESS MEMORY CELL	11713059	2/28/2007	7633794	12/15/2009	Semiconductor Components Industries, LLC
1337.	IMAGE SENSOR FOR STILL OR VIDEO PHOTOGRAPHY	11386929	3/22/2006	7636119	12/22/2009	Semiconductor Components Industries, LLC
1338.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	11119106	5/2/2005	7638385	12/29/2009	Semiconductor Components Industries, LLC
1339.	HIGH VOLTAGE SENSOR DEVICE	11925017	10/26/2007	7638405	12/29/2009	Semiconductor Components Industries, LLC
1340.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	12071199	2/19/2008	7638409	12/29/2009	Semiconductor Components Industries, LLC
1341.	SEMICONDUCTOR PACKAGE AND METHOD THEREFOR	11469239	8/31/2006	7638863	12/29/2009	Semiconductor Components Industries, LLC
1342.	D/A CONVERTER CIRCUIT	12138236	6/12/2008	7639166	12/29/2009	Semiconductor Components Industries, LLC
1343.	METHOD OF FORMING A VOLTAGE REGULATOR AND STRUCTURE THEREFOR	11448881	6/8/2006	7642754	1/5/2010	Semiconductor Components Industries, LLC
1344.	CCD WITH IMPROVED CHARGE TRANSFER	11437536	5/19/2006	7643078	1/5/2010	Semiconductor Components Industries, LLC
1345.	METHOD AND SYSTEM FOR FABRICATING SEMICONDUCTOR COMPONENTS WITH LENS STRUCTURES AND LENS SUPPORT STRUCTURES	11605131	11/28/2006	7645628	1/12/2010	Semiconductor Components Industries, LLC
1346.	CHARGE COUPLED DEVICE AND SOLID-STATE IMAGING APPARATUS	11334364	1/19/2006	7646042	1/12/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1347.	SEMICONDUCTOR DEVICE COMPRISING BURIED WIRING LAYER	11770337	6/28/2007	7646062	1/12/2010	Semiconductor Components Industries, LLC
1348.	SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURING THE SAME, CIRCUIT BOARD, AND METHOD OF MANUFACTURING THE SAME	11511503	8/29/2006	7646079	1/12/2010	Semiconductor Components Industries, LLC
1349.	SEMICONDUCTOR DEVICE WITH PENETRATING ELECTRODE	11260682	10/28/2005	7646100	1/12/2010	Semiconductor Components Industries, LLC
1350.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11930933	10/31/2007	7646189	1/12/2010	Semiconductor Components Industries, LLC
1351.	DMOS WITH HIGH SOURCE-DRAIN BREAKDOWN VOLTAGE, SMALL ON- RESISTANCE, AND HIGH CURRENT DRIVING CAPACITY	11956097	12/13/2007	7649224	1/19/2010	Semiconductor Components Industries, LLC
1352.	SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING THE SAME	12207140	9/9/2008	7651917	1/26/2010	Semiconductor Components Industries, LLC
1353.	SEMICONDUCTOR DEVICE WITH TWO OVERLAPPING DIFFUSION LAYERS HELD AT FLOATING VOLTAGE FOR IMPROVING WITHSTAND VOLTAGE	11516733	9/7/2006	7652307	1/26/2010	Semiconductor Components Industries, LLC
1354.	VERTICAL MOS TRANSISTOR AND METHOD THEREFOR	11777893	7/13/2007	7652329	1/26/2010	Semiconductor Components Industries, LLC
1355.	SEMICONDUCTOR DEVICE	11681912	3/5/2007	7652353	1/26/2010	Semiconductor Components Industries, LLC
1356.	MAGNETIC SENSOR SIGNAL DETECTION CIRCUIT USING A COUNTER	11531198	9/12/2006	7652472	1/26/2010	Semiconductor Components Industries, LLC
1357.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	12020761	1/28/2008	7655569	2/2/2010	Semiconductor Components Industries, LLC
1358.	SEMICONDUCTOR DEVICE	11829310	7/27/2007	7655974	2/2/2010	Semiconductor Components Industries, LLC
1359.	SEMICONDUCTOR DEVICE	11806462	5/31/2007	7655992	2/2/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1360.	ENCAPSULATED CHIP SCALE PACKAGE HAVING FLIP-CHIP ON LEAD FRAME STRUCTURE	12107568	4/22/2008	7656048	2/2/2010	Semiconductor Components Industries, LLC
1361.	MICROELECTRONIC IMAGERS AND METHODS FOR MANUFACTURING SUCH MICROELECTRONIC IMAGERS	11849062	8/31/2007	7659134	2/9/2010	Semiconductor Components Industries, LLC
1362.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11701123	1/31/2007	7659517	2/9/2010	Semiconductor Components Industries, LLC
1363.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11933897	11/1/2007	7659576	2/9/2010	Semiconductor Components Industries, LLC
1364.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11488890	7/19/2006	7662670	2/16/2010	Semiconductor Components Industries, LLC
1365.	BATTERY VOLTAGE DETECTING CIRCUIT	12202947	9/2/2008	7663375	2/16/2010	Semiconductor Components Industries, LLC
1366.	SYSTEM UNIT ELEMENT SELECTION	12098357	4/4/2008	7663523	2/16/2010	Semiconductor Components Industries, LLC
1367.	AM RECEIVING CIRCUIT	10599456	9/28/2006	7664197	2/16/2010	Semiconductor Components Industries, LLC
1368.	INTEGRATED CIRCUIT AND SIGNAL PROCESSING APPARATUS USING THE SAME	11688599	3/20/2007	7664973	2/16/2010	Semiconductor Components Industries, LLC
1369.	METHOD OF FORMING A HIGH CAPACITANCE DIODE AND STRUCTURE THEREFOR	11859638	9/21/2007	7666751	2/23/2010	Semiconductor Components Industries, LLC
1370.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11969065	1/3/2008	7670955	3/2/2010	Semiconductor Components Industries, LLC
1371.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11738722	4/23/2007	7675141	3/9/2010	Semiconductor Components Industries, LLC
1372.	TIME DELAYED INTEGRATION CMOS IMAGE SENSOR WITH ZERO DESYNCHRONIZATION	11540527	9/28/2006	7675561	3/9/2010	Semiconductor Components Industries, LLC
1373.	SEMICONDUCTOR MEMORY DEVICE WITH DUMMY BIT LINES FOR CHARGE AND DISCHARGE TIMING	11948715	11/30/2007	7675784	3/9/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1374.	SPREAD SPECTRUM CONTROLLABLE DELAY CLOCK BUFFER WITH ZERO CYCLE SLIP	10831017	4/22/2004	7676012	3/9/2010	Semiconductor Components Industries, LLC
1375.	SEMICONDUCTOR DEVICE HAVING SUB-SURFACE TRENCH CHARGE COMPENSATION REGIONS	11442706	5/30/2006	7679146	3/16/2010	Semiconductor Components Industries, LLC
1376.	METHOD AND APPARATUS FOR FREQUENCY MODULATING A PERIODIC SIGNAL OF VARYING DUTY CYCLE	12074459	3/3/2008	7679464	3/16/2010	Semiconductor Components Industries, LLC
1377.	LOW PASS FILTER INCORPORATING COUPLED INDUCTORS TO ENHANCE STOP BAND ATTENUATION	12014725	1/15/2008	7679473	3/16/2010	Semiconductor Components Industries, LLC
1378.	POWER OVERLOAD DETECTION METHOD AND STRUCTURE THERFOR	11188093	7/25/2005	7679874	3/16/2010	Semiconductor Components Industries, LLC
1379.	LOW-VOLTAGE DETECTION CIRCUIT	11812509	6/19/2007	7683652	3/23/2010	Semiconductor Components Industries, LLC
1380.	LIQUID CRYSTAL DISPLAY DRIVE CIRCUIT	11509632	8/25/2006	7683879	3/23/2010	Semiconductor Components Industries, LLC
1381.	DRIVE WAVE GENERATION CIRCUIT	11881157	7/25/2007	7687972	3/30/2010	Semiconductor Components Industries, LLC
1382.	LED CURRENT CONTROLLER AND METHOD THEREFOR	11813985	7/13/2007	7688009	3/30/2010	Semiconductor Components Industries, LLC
1383.	SWITCHING POWER SUPPLY CONTROLLER WITH UNIDIRECTIONAL TRANSIENT GAIN CHANGE	11555460	11/1/2006	7688050	3/30/2010	Semiconductor Components Industries, LLC
1384.	CHARGE PUMP CIRCUIT AND METHOD THEREFOR	11566965	12/5/2006	7688052	3/30/2010	Semiconductor Components Industries, LLC
1385.	SIGNAL PROCESSING APPARATUS AND METHOD FOR OPTICAL DISK SYSTEM	11171502	7/1/2005	7688691	3/30/2010	Semiconductor Components Industries, LLC
1386.	NOISE CANCELER AND RECEIVING APPARATUS USING THE SAME	11767377	6/22/2007	7689192	3/30/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1387.	INSULATED GATE SEMICONDUCTOR DEVICE	11797900	5/8/2007	7692240	4/6/2010	Semiconductor Components Industries, LLC
1388.	VOLTAGE SENSE CIRCUIT AND METHOD THEREFOR	11105255	4/14/2005	7692469	4/6/2010	Semiconductor Components Industries, LLC
1389.	CHARGE SUMMING IN MULTIPLE OUTPUT CHARGE-COUPLED DEVICES IN AN IMAGE SENSOR	11490383	7/20/2006	7692706	4/6/2010	Semiconductor Components Industries, LLC
1390.	SEMICONDUCTOR INTEGRATED CIRCUIT WITH INPUT BUFFER HAVING HIGH VOLTAGE PROTECTION	11946525	11/28/2007	7696807	4/13/2010	Semiconductor Components Industries, LLC
1391.	COMPOUND SEMICONDUCTOR DEVICE	11442600	5/30/2006	7701032	4/20/2010	Semiconductor Components Industries, LLC
1392.	MULTI-CHIP PACKAGE	11713798	3/5/2007	7701068	4/20/2010	Semiconductor Components Industries, LLC
1393.	DC-TO-DC CONVERTER AND METHOD THEREFOR	11576030	3/26/2007	7701180	4/20/2010	Semiconductor Components Industries, LLC
1394.	DETECTION CIRCUIT	12172047	7/11/2008	7701239	4/20/2010	Semiconductor Components Industries, LLC
1395.	IMAGE CAPTURE DEVICE AND CONTROLLER OF IMAGE CAPTURE DEVICE	11067289	2/24/2005	7701495	4/20/2010	Semiconductor Components Industries, LLC
1396.	MEMORY ACCESS APPARATUS	11832536	8/1/2007	7702860	4/20/2010	Semiconductor Components Industries, LLC
1397.	METHOD OF FABRICATING MEMORY INCLUDING DIODE	12149137	4/28/2008	7704825	4/27/2010	Semiconductor Components Industries, LLC
1398.	IMAGE PICKUP APPARATUS INCLUDING IMAGE PICKUP DEVICES HAVING SENSITIVITY IN INFRARED REGION	12071977	2/28/2008	7705308	4/27/2010	Semiconductor Components Industries, LLC
1399.	SEMINCONDUCTOR DEVICE WITH FIELD INSULATION FILM FORMED THEREIN	11708685	2/21/2007	7705399	4/27/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1400.	MOTOR LOCK DETECTION CIRCUIT	12055248	3/25/2008	7706111	4/27/2010	Semiconductor Components Industries, LLC
1401.	INSULATED GATE SEMICONDUCTOR DEVICE	12050749	3/18/2008	7709890	5/4/2010	Semiconductor Components Industries, LLC
1402.	MICROELECTRONIC DEVICES HAVING AN EMI SHIELD AND ASSOCIATED SYSTEMS AND METHODS	12116788	5/7/2008	7709915	5/4/2010	Semiconductor Components Industries, LLC
1403.	SEMICONDUCTOR DEVICE	12341714	12/22/2008	7709953	5/4/2010	Semiconductor Components Industries, LLC
1404.	VOLTAGE REGULATOR	11823038	6/26/2007	7710413	5/4/2010	Semiconductor Components Industries, LLC
1405.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	10588467	10/3/2007	7714232	5/11/2010	Semiconductor Components Industries, LLC
1406.	METHOD OF FORMING AN INTEGRATED POWER DEVICE AND STRUCTURE	11095135	4/1/2005	7714381	5/11/2010	Semiconductor Components Industries, LLC
1407.	METHOD FOR ADJUSTING THRESHOLD VOLTAGE AND CIRCUIT THEREFOR	12098847	4/7/2008	7714652	5/11/2010	Semiconductor Components Industries, LLC
1408.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11635813	12/8/2006	7719081	5/18/2010	Semiconductor Components Industries, LLC
1409.	SEMICONDUCTOR DEVICE	12133171	6/4/2008	7719102	5/18/2010	Semiconductor Components Industries, LLC
1410.	MEMORY	11473148	6/23/2006	7723723	5/25/2010	Semiconductor Components Industries, LLC
1411.	INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	12399649	3/6/2009	7723784	5/25/2010	Semiconductor Components Industries, LLC
1412.	DEEP TRENCH ISOLATION FOR POWER SEMICONDUCTORS	12126803	5/23/2008	7723800	5/25/2010	Semiconductor Components Industries, LLC
1413.	INTERFACE CIRCUIT AND A CLOCK OUTPUT METHOD THEREFOR	11736913	4/18/2007	7724060	5/25/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1414.	OPTICAL SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11537496	9/29/2006	7728438	6/1/2010	Semiconductor Components Industries, LLC
1415.	DC-DC CONVERTER CONTROLLER HAVING OPTIMIZED LOAD TRANSIENT RESPONSE AND METHOD THEREOF	11572727	1/26/2007	7728573	6/1/2010	Semiconductor Components Industries, LLC
1416.	POWER SEMICONDUCTOR DEVICE HAVING IMPROVED PERFORMANCE AND METHOD	11384161	3/20/2006	7732862	6/8/2010	Semiconductor Components Industries, LLC
1417.	SEMICONDUCTOR DEVICE	10521941	2/6/2006	7732868	6/8/2010	Semiconductor Components Industries, LLC
1418.	INSULATED-GATE SEMICONDUCTOR DEVICE	11860689	9/25/2007	7732869	6/8/2010	Semiconductor Components Industries, LLC
1419.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11770306	6/28/2007	7732880	6/8/2010	Semiconductor Components Industries, LLC
1420.	MOTOR DRIVING CIRCUIT	11754513	5/29/2007	7733045	6/8/2010	Semiconductor Components Industries, LLC
1421.	METHOD OF TESTING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	11573076	10/3/2007	7733116	6/8/2010	Semiconductor Components Industries, LLC
1422.	LOW POWER VOLTAGE DETECTION CIRCUIT AND METHOD THEREFOR	11815835	8/8/2007	7733155	6/8/2010	Semiconductor Components Industries, LLC
1423.	CIRCUIT COMPONENT AND METHOD OF MANUFACTURE	11768558	6/26/2007	7736951	6/15/2010	Semiconductor Components Industries, LLC
1424.	METHOD OF FORMING A LOW RESISTANCE SEMICONDUCTOR CONTACT AND STRUCTURE THEREFOR	11232757	9/23/2005	7736984	6/15/2010	Semiconductor Components Industries, LLC
1425.	MULTILAYER GETTERING STRUCTURE FOR SEMICONDUCTOR DEVICE AND METHOD	11482237	7/3/2006	7737004	6/15/2010	Semiconductor Components Industries, LLC
1426.	SEMICONDUCTOR DEVICE	11395599	3/30/2006	7737523	6/15/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1427.	METHOD OF FORMING A SIGNAL LEVEL TRANSLATOR AND STRUCTURE THEREFOR	11574559	3/1/2007	7737754	6/15/2010	Semiconductor Components Industries, LLC
1428.	LEVEL SHIFT CIRCUIT	12341665	12/22/2008	7737758	6/15/2010	Semiconductor Components Industries, LLC
1429.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	10950611	9/27/2004	7741694	6/22/2010	Semiconductor Components Industries, LLC
1430.	SEMICONDUCTOR DEVICE	12060673	4/1/2008	7741724	6/22/2010	Semiconductor Components Industries, LLC
1431.	SWITCHING POWER SUPPLY CONTROL	12479223	6/5/2009	7741824	6/22/2010	Semiconductor Components Industries, LLC
1432.	PARAMETER CONTROL CIRCUIT INCLUDING CHARGING AND DISCHARGING CURRENT MIRRORS AND METHOD THEREFOR	11743066	5/1/2007	7741827	6/22/2010	Semiconductor Components Industries, LLC
1433.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	10855974	5/28/2004	7745931	6/29/2010	Semiconductor Components Industries, LLC
1434.	SEMICONDUCTOR INTEGRATED CIRCUIT WITH FLIP-FLOP CIRCUITS MOUNTED THEREON	12044406	3/7/2008	7746138	6/29/2010	Semiconductor Components Industries, LLC
1435.	IMAGE SIGNAL PROCESSOR AND DEFICIENT PIXEL DETECTION METHOD	11426759	6/27/2006	7746393	6/29/2010	Semiconductor Components Industries, LLC
1436.	CIRCUIT DEVICE	12237650	9/25/2008	7746658	6/29/2010	Semiconductor Components Industries, LLC
1437.	MEMORY COMPRISING DIODE	11727687	3/28/2007	7746690	6/29/2010	Semiconductor Components Industries, LLC
1438.	SIGNAL DETECTION CIRCUIT	12123383	5/19/2008	7746973	6/29/2010	Semiconductor Components Industries, LLC
1439.	EMBEDDED CACHE MEMORY IN IMAGE SENSORS	12074446	3/3/2008	7750392	7/6/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1440.	PIXEL STRUCTURE	11366926	3/1/2006	7750958	7/6/2010	Semiconductor Components Industries, LLC
1441.	PROTECTION CIRCUIT AND METHOD THEREFOR	11561932	11/21/2006	7751157	7/6/2010	Semiconductor Components Industries, LLC
1442.	CIRCUIT DEVICE, CIRCUIT MODULE, AND OUTDOOR UNIT	12239286	9/26/2008	7751194	7/6/2010	Semiconductor Components Industries, LLC
1443.	SEMICONDUCTOR PACKAGE STRUCTURE HAVING ENHANCED THERMAL DISSIPATION CHARACTERISTICS	11575864	3/22/2007	7755179	7/13/2010	Semiconductor Components Industries, LLC
1444.	INTEGRATED CIRCUIT FOR DRIVING MOTOR	12023948	1/31/2008	7755320	7/13/2010	Semiconductor Components Industries, LLC
1445.	CURRENT LIMITED VOLTAGE SUPPLY	12196983	8/22/2008	7755382	7/13/2010	Semiconductor Components Industries, LLC
1446.	AMPLIFYING CIRCUIT	12230065	8/22/2008	7755428	7/13/2010	Semiconductor Components Industries, LLC
1447.	A/D CONVERTER TO CONVERT AN ANALOG SIGNAL FROM A BRIDGE CIRCUIT TO A DIGITAL SIGNAL	12338875	12/18/2008	7755529	7/13/2010	Semiconductor Components Industries, LLC
1448.	IMAGE SIGNAL PROCESSOR AND DEFICIENT PIXEL DETECTION METHOD	11426754	6/27/2006	7755680	7/13/2010	Semiconductor Components Industries, LLC
1449.	DRIVING METHOD FOR SOLID-STATE IMAGE PICKUP DEVICE AND IMAGE PICKUP APPARATUS	11604344	11/27/2006	7755691	7/13/2010	Semiconductor Components Industries, LLC
1450.	OPTICAL DISC REPRODUCING APPARATUS AND RECORDING MEDIUM	11858019	9/19/2007	7755983	7/13/2010	Semiconductor Components Industries, LLC
1451.	OSCILLATION CONTROLLING APPARATUS, RECORDING MEDIUM HAVING PROGRAM RECORDED THEREON, AND CHANNEL SELECTING APPARATUS	11734755	4/12/2007	7756496	7/13/2010	Semiconductor Components Industries, LLC
1452.	MULTIPASS NOISE DETECTING APPARATUS AND FM RECEIVING APPARATUS	11767381	6/22/2007	7756501	7/13/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1453.	INTEGRATED CIRCUIT AND SIGNAL PROCESSING APPARATUS USING THE SAME	11688593	3/20/2007	7757104	7/13/2010	Semiconductor Components Industries, LLC
1454.	INTERLINE CCD IMPLEMENTATION OF HYBRID TWO COLOR PER PIXEL ARCHITECTURE	12168184	7/7/2008	7759752	7/20/2010	Semiconductor Components Industries, LLC
1455.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12104516	4/17/2008	7759779	7/20/2010	Semiconductor Components Industries, LLC
1456.	IMAGE STABILIZATION CONTROL CIRCUIT	12314306	12/8/2008	7760448	7/20/2010	Semiconductor Components Industries, LLC
1457.	VOLTAGE REFERENCE CIRCUIT AND METHOD THEREFOR	11613589	12/20/2006	7764059	7/27/2010	Semiconductor Components Industries, LLC
1458.	CLOCK GENERATION CIRCUIT AND CLOCK GENERATION CONTROL CIRCUIT	12145668	6/25/2008	7764126	7/27/2010	Semiconductor Components Industries, LLC
1459.	ANALOG-TO-DIGITAL CONVERTER FOR CONVERTING INPUT ANALOG SIGNAL INTO DIGITAL SIGNAL THROUGH MULTIPLE CONVERSION PROCESSINGS	12183615	7/31/2008	7764214	7/27/2010	Semiconductor Components Industries, LLC
1460.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	11737923	4/20/2007	7767529	8/3/2010	Semiconductor Components Industries, LLC
1461.	DMOS TRANSISTOR	12425592	4/17/2009	7768067	8/3/2010	Semiconductor Components Industries, LLC
1462.	POWER SEMICONDUCTOR DEVICE HAVING IMPROVED PERFORMANCE AND METHOD	12236947	9/24/2008	7768078	8/3/2010	Semiconductor Components Industries, LLC
1463.	SEMICONDUCTOR INTEGRATED CIRCUIT	12119099	5/12/2008	7768100	8/3/2010	Semiconductor Components Industries, LLC
1464.	CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	11165680	6/24/2005	7768132	8/3/2010	Semiconductor Components Industries, LLC
1465.	PLATING APPARATUS, PLATING METHOD AND MANUFACTURING METHOD FOR SEMICONDUCTOR DEVICE	11692695	3/28/2007	7772043	8/10/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1466.	SEMICONDUCTOR DEVICE	11845473	8/27/2007	7772704	8/10/2010	Semiconductor Components Industries, LLC
1467.	IMAGE PICKUP APPARATUS AND IMAGE PICKUP METHOD FOR EQUALIZING INFRARED COMPONENTS IN EACH COLOR COMPONENT SIGNAL	11889771	8/16/2007	7773136	8/10/2010	Semiconductor Components Industries, LLC
1468.	METHOD OF FORMING AN EEPROM DEVICE AND STRUCTURE THEREFOR	12414071	3/30/2009	7776677	8/17/2010	Semiconductor Components Industries, LLC
1469.	SEMICONDUCTOR DEVICE	12239368	9/26/2008	7777316	8/17/2010	Semiconductor Components Industries, LLC
1470.	INTERLINE CCD IMPLEMENTATION OF HYBRID TWO COLOR PER PIXEL ARCHITECTURE	12168191	7/7/2008	7777799	8/17/2010	Semiconductor Components Industries, LLC
1471.	SEMICONDUCTOR DIE SINGULATION METHOD	11834924	8/7/2007	7781310	8/24/2010	Semiconductor Components Industries, LLC
1472.	WIRE BOND AND REDISTRIBUTION LAYER PROCESS	12476847	6/2/2009	7781870	8/24/2010	Semiconductor Components Industries, LLC
1473.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF SAME	11634376	12/6/2006	7781894	8/24/2010	Semiconductor Components Industries, LLC
1474.	FUSE READING CIRCUIT	11863693	9/28/2007	7782648	8/24/2010	Semiconductor Components Industries, LLC
1475.	OSCILLATOR CIRCUIT	11798934	5/17/2007	7786707	8/31/2010	Semiconductor Components Industries, LLC
1476.	DELAY CIRCUIT	11411044	4/26/2006	7786775	8/31/2010	Semiconductor Components Industries, LLC
1477.	CONTROLLER INCLUDING ELECTRICALLY REWRITABLE NONVOLATILE MEMORY	11109452	4/19/2005	7788454	8/31/2010	Semiconductor Components Industries, LLC
1478.	SEMICONDUCTOR INTEGRATED CIRCUIT	12246873	10/7/2008	7788565	8/31/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1479.	METHOD OF IMPROVING SOLID-STATE IMAGE SENSOR SENSITIVITY	12235737	9/23/2008	7790496	9/7/2010	Semiconductor Components Industries, LLC
1480.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12026593	2/6/2008	7791171	9/7/2010	Semiconductor Components Industries, LLC
1481.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	11645811	12/27/2006	7795115	9/14/2010	Semiconductor Components Industries, LLC
1482.	METHOD OF FORMING A SEMICONDUCTOR DEVICE HAVING TRENCH CHARGE COMPENSATION REGIONS	11536249	9/28/2006	7799640	9/21/2010	Semiconductor Components Industries, LLC
1483.	SEMICONDUCTOR DEVICE	11861652	9/26/2007	7800206	9/21/2010	Semiconductor Components Industries, LLC
1484.	METHOD OF FORMING AN OSCILLATOR CIRCUIT AND STRUCTURE THEREFOR	12126122	5/23/2008	7800456	9/21/2010	Semiconductor Components Industries, LLC
1485.	DELAY CIRCUIT AND VIDEO SIGNAL PROCESSING CIRCUIT USING THE SAME	11470929	9/7/2006	7800696	9/21/2010	Semiconductor Components Industries, LLC
1486.	LEVEL SHIFTING USING CROSS-COUPLED CASCODE TRANSISTORS	12428285	4/22/2009	7804350	9/28/2010	Semiconductor Components Industries, LLC
1487.	SWITCHED CAPACITOR CONTROLLER AND METHOD THEREFOR	11573592	2/12/2007	7804698	9/28/2010	Semiconductor Components Industries, LLC
1488.	CCD WITH IMPROVED CHARGE TRANSFER	11412034	4/26/2006	7807514	10/5/2010	Semiconductor Components Industries, LLC
1489.	CROSS TALK REDUCTION	11392410	3/28/2006	7808022	10/5/2010	Semiconductor Components Industries, LLC
1490.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12198614	8/26/2008	7808078	10/5/2010	Semiconductor Components Industries, LLC
1491.	MONOLITHICALLY INTEGRATED MULTIPLEXER-TRANSLATOR-DEMULTIPLEXER CIRCUIT AND METHOD	11966723	12/28/2007	7808274	10/5/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1492.	INTEGRATED PASSIVE FILTER INCORPORATING INDUCTORS AND ESD PROTECTORS	11206667	8/17/2005	7808752	10/5/2010	Semiconductor Components Industries, LLC
1493.	ANALOG MEMORY	11861437	9/26/2007	7808857	10/5/2010	Semiconductor Components Industries, LLC
1494.	SEMICONDUCTOR DEVICE	12146004	6/25/2008	7812377	10/12/2010	Semiconductor Components Industries, LLC
1495.	VOLTAGE DETECTING CIRCUIT	11952059	12/6/2007	7812568	10/12/2010	Semiconductor Components Industries, LLC
1496.	METHOD FOR REGULATING A VOLTAGE AND CIRCUIT THEREFOR	11575632	3/20/2007	7812584	10/12/2010	Semiconductor Components Industries, LLC
1497.	CONFIGURABLE PIXEL ARRAY SYSTEM AND METHOD	11803065	5/11/2007	7812869	10/12/2010	Semiconductor Components Industries, LLC
1498.	BACKLIT SUBJECT DETECTION IN AN IMAGE	11513570	8/31/2006	7813545	10/12/2010	Semiconductor Components Industries, LLC
1499.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME	11707076	2/16/2007	7816748	10/19/2010	Semiconductor Components Industries, LLC
1500.	THIN SEMICONDUCTOR DIE PACKAGES AND ASSOCIATED SYSTEMS AND METHODS	11861143	9/25/2007	7816750	10/19/2010	Semiconductor Components Industries, LLC
1501.	OUTPUT STAGE CIRCUIT	12407484	3/19/2009	7816986	10/19/2010	Semiconductor Components Industries, LLC
1502.	DIFFERENTIAL COMPARATOR, AND PIPELINE TYPE A/D CONVERTER EQUIPPED WITH THE SAME	12404835	3/16/2009	7817077	10/19/2010	Semiconductor Components Industries, LLC
1503.	SCHOTTKY DIODE AND METHOD OF MANUFACTURE	11084524	3/21/2005	7820473	10/26/2010	Semiconductor Components Industries, LLC
1504.	METHOD OF FORMING A LEADED MOLDED ARRAY PACKAGE	12535475	8/4/2009	7820528	10/26/2010	Semiconductor Components Industries, LLC
1505.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11822122	7/2/2007	7820548	10/26/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1506.	SEMICONDUCTOR DEVICE HAVING ENHANCED PERFORMANCE AND METHOD	12131295	6/2/2008	7821063	10/26/2010	Semiconductor Components Industries, LLC
1507.	SEMICONDUCTOR DEVICE	12076510	3/19/2008	7821092	10/26/2010	Semiconductor Components Industries, LLC
1508.	METHOD OF FORMING A SCHOTTKY DIODE AND STRUCTURE THEREFOR	11457678	7/14/2006	7821095	10/26/2010	Semiconductor Components Industries, LLC
1509.	CHARGE PUMP CONVERTER AND METHOD THEREFOR	12161387	7/18/2008	7821325	10/26/2010	Semiconductor Components Industries, LLC
1510.	IMAGING APPARATUS PROVIDED WITH IMAGING DEVICE HAVING SENSITIVITY IN VISIBLE AND INFRARED REGIONS					Semiconductor Components Industries, LLC
1511.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11709975	2/22/2007	7825442	11/2/2010	Semiconductor Components Industries, LLC
1512.	INSULATED-GATE SEMICONDUCTOR DEVICE AND PN JUNCTION DIODES	11860206	9/24/2007	7825474	11/2/2010	Semiconductor Components Industries, LLC
1513.	SEMICONDUCTOR PACKAGE AND METHOD THEREFOR	12616453	11/11/2009	7825505	11/2/2010	Semiconductor Components Industries, LLC
1514.	POWER SYSTEM INHIBIT METHOD AND DEVICE AND STRUCTURE THEREFOR	11735893	4/16/2007	7826238	11/2/2010	Semiconductor Components Industries, LLC
1515.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12549100	8/27/2009	7829426	11/9/2010	Semiconductor Components Industries, LLC
1516.	AMPLIFIER CIRCUIT	11863710	9/28/2007	7830206	11/9/2010	Semiconductor Components Industries, LLC
1517.	AMPLIFIER DEVICE	12581406	10/19/2009	7830210	11/9/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1518.	INTERLINE CCD IMPLEMENTATION OF HYBRID TWO COLOR PER PIXEL ARCHITECTURE	12168186	7/7/2008	7830440	11/9/2010	Semiconductor Components Industries, LLC
1519.	NOISE CANCELLER AND AM RECEIVING APPARATUS USING THE SAME	11734760	4/12/2007	7835477	11/16/2010	Semiconductor Components Industries, LLC
1520.	CLOCK REGENERATION CIRCUIT	11924998	10/26/2007	7836323	11/16/2010	Semiconductor Components Industries, LLC
1521.	SIGNAL PROCESSING CIRCUIT FOR ACCESSING A MEMORY BASED ON ADJUSTABLE MEMORY CONTROL CLOCK	11955192	12/12/2007	7836327	11/16/2010	Semiconductor Components Industries, LLC
1522.	SEMICONDUCTOR DEVICE, SEMICONDUCTOR MODULE, METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE, AND LEAD FRAME	12512802	7/30/2009	7839004	11/23/2010	Semiconductor Components Industries, LLC
1523.	LED CONTROL CIRCUIT AND METHOD THEREFOR	11399523	4/7/2006	7839099	11/23/2010	Semiconductor Components Industries, LLC
1524.	MOTOR DRIVE CIRCUIT, FAN MOTOR, ELECTRONIC DEVICE, AND NOTEBOOK PERSONAL COMPUTER	12252289	10/15/2008	7839104	11/23/2010	Semiconductor Components Industries, LLC
1525.	LOW CLAMP VOLTAGE ESD DEVICE AND METHOD THEREFOR	12170630	7/10/2008	7842969	11/30/2010	Semiconductor Components Industries, LLC
1526.	INSULATED GATE SEMICONDUCTOR DEVICE	11822028	6/29/2007	7843003	11/30/2010	Semiconductor Components Industries, LLC
1527.	DC-DC CONVERTER CONTROLLER HAVING OPTIMIZED LOAD TRANSIENT RESPONSE AND METHOD	11817766	9/4/2007	7843181	11/30/2010	Semiconductor Components Industries, LLC
1528.	IMAGE SIGNAL PROCESSING APPARATUS FOR SETTING A NOISE COMPONENT ATTENUATION CHARACTERISTIC	11038383	1/21/2005	7843498	11/30/2010	Semiconductor Components Industries, LLC
1529.	MOTOR DRIVE CIRCUIT	12323082	11/25/2008	7843674	11/30/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1530.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11964519	12/26/2007	7847299	12/7/2010	Semiconductor Components Industries, LLC
1531.	IMAGE SENSOR WITH CHARGE MULTIPLICATION	12407314	3/19/2009	7847845	12/7/2010	Semiconductor Components Industries, LLC
1532.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12359043	1/23/2009	7851312	12/14/2010	Semiconductor Components Industries, LLC
1533.	FULL FRAME ITO PIXEL WITH IMPROVED OPTICAL SYMMETRY	11475463	6/27/2006	7851822	12/14/2010	Semiconductor Components Industries, LLC
1534.	METHOD OF FORMING A LOW CAPACITANCE SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	12574934	10/7/2009	7851852	12/14/2010	Semiconductor Components Industries, LLC
1535.	WIRING STRUCTURE AND METHOD OF MANUFACTURING THE SAME	12147122	6/26/2008	7851917	12/14/2010	Semiconductor Components Industries, LLC
1536.	METHOD OF FORMING A BUCK-BOOST MODE POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	11816699	8/20/2007	7852060	12/14/2010	Semiconductor Components Industries, LLC
1537.	METHOD OF FORMING A SENSING CIRCUIT AND STRUCTURE THEREFOR	12413271	3/27/2009	7852148	12/14/2010	Semiconductor Components Industries, LLC
1538.	CLASS-D AMPLIFIER AND METHOD THEREFOR	11572431	10/31/2008	7852155	12/14/2010	Semiconductor Components Industries, LLC
1539.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12527990	8/20/2009	7855425	12/21/2010	Semiconductor Components Industries, LLC
1540.	SEMICONDUCTOR DEVICE	12055893	3/26/2008	7855453	12/21/2010	Semiconductor Components Industries, LLC
1541.	IMAGE SIGNAL PROCESSING APPARATUS	11018485	12/22/2004	7855739	12/21/2010	Semiconductor Components Industries, LLC
1542.	DC-DC CONVERTER WITH VOLTAGE DETECTION CIRCUIT FOR OVERCURRENT PROTECTION	11923166	10/24/2007	7855902	12/21/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1543.	IMAGE STABILIZATION CONTROL CIRCUIT AND IMAGE-CAPTURING DEVICE	12591259	11/13/2009	7856179	12/21/2010	Semiconductor Components Industries, LLC
1544.	LOAD DRIVING CIRCUIT	12505351	7/17/2009	7859306	12/28/2010	Semiconductor Components Industries, LLC
1545.	AMPLIFICATION CIRCUIT AND METHOD THEREFOR	11815431	8/2/2007	7859332	12/28/2010	Semiconductor Components Industries, LLC
1546.	SEMICONDUCTOR MEMORY DEVICE	12485566	6/16/2009	7859913	12/28/2010	Semiconductor Components Industries, LLC
1547.	FM RECEIVER	12068525	2/7/2008	7860479	12/28/2010	Semiconductor Components Industries, LLC
1548.	MOTOR DRIVING CIRCUIT	12056800	3/27/2008	7863840	1/4/2011	Semiconductor Components Industries, LLC
1549.	POWER SUPPLY CIRCUIT AND PORTABLE DEVICE	12261725	10/30/2008	7864553	1/4/2011	Semiconductor Components Industries, LLC
1550.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	12337234	12/17/2008	7868379	1/11/2011	Semiconductor Components Industries, LLC
1551.	IMAGE STABILIZATION CONTROL CIRCUIT OF IMAGE PICKUP APPARATUS	12202871	9/2/2008	7868918	1/11/2011	Semiconductor Components Industries, LLC
1552.	SCHOTTKY DIODE STRUCTURE WITH MULTI-PORTIONED GUARD RING AND METHOD OF MANUFACTURE	11683502	3/8/2007	7875950	1/25/2011	Semiconductor Components Industries, LLC
1553.	MULTI-CHIP SEMICONDUCTOR CONNECTOR AND METHOD	11672102	2/7/2007	7875964	1/25/2011	Semiconductor Components Industries, LLC
1554.	DIGITAL COMPENSATION TUNING FOR SWITCHING POWER SUPPLY CONTROL	11735615	4/16/2007	7876083	1/25/2011	Semiconductor Components Industries, LLC
1555.	SEMICONDUCTOR DEVICE WITH PASSIVATION LAYER COVERING WIRING LAYER	11386106	3/22/2006	7880256	2/1/2011	Semiconductor Components Industries, LLC
1556.	SOLID-STATE IMAGE SENSOR	11203131	8/15/2005	7880259	2/1/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1557.	SEMICONDUCTOR DEVICE	12547623	8/26/2009	7880271	2/1/2011	Semiconductor Components Industries, LLC
1558.	IMAGE SENSOR CLOCKING METHOD	12130107	5/30/2008	7880782	2/1/2011	Semiconductor Components Industries, LLC
1559.	FM TUNER	12222023	7/31/2008	7885628	2/8/2011	Semiconductor Components Industries, LLC
1560.	ENCODING CIRCUIT AND DIGITAL SIGNAL PROCESSING CIRCUIT	11614821	12/21/2006	7885989	2/8/2011	Semiconductor Components Industries, LLC
1561.	SWITCHING POWER SUPPLY CONTROLLER WITH HIGH FREQUENCY CURRENT BALANCE	11685091	3/12/2007	7888921	2/15/2011	Semiconductor Components Industries, LLC
1562.	METHOD AND APPARATUS FOR PROVIDING A SYNCHRONIZED VIDEO PRESENTATION WITHOUT VIDEO TEARING	11566022	12/1/2006	7889191	2/15/2011	Semiconductor Components Industries, LLC
1563.	MULTI-CHIP PACKAGE SEMICONDUCTOR DEVICE	11945030	11/26/2007	7893757	2/22/2011	Semiconductor Components Industries, LLC
1564.	IMAGE SENSOR WITH VARIABLE RESOLUTION AND SENSITIVITY	11680078	2/28/2007	7893981	2/22/2011	Semiconductor Components Industries, LLC
1565.	FOCUS SERVO APPRATUS	11832575	8/1/2007	7894311	2/22/2011	Semiconductor Components Industries, LLC
1566.	METHOD OF MANUFACTURING SEMICONDUCTOR COMPONENT WITH GATE AND SHIELD ELECTRODES IN TRENCHES	12271083	11/14/2008	7897462	3/1/2011	Semiconductor Components Industries, LLC
1567.	EXTENDED DEPTH-OF-FIELD LENSES AND METHODS FOR THEIR DESIGN, OPTIMIZATION AND MANUFACTURING	12167741	7/3/2008	7898746	3/1/2011	Semiconductor Components Industries, LLC
1568.	METHOD OF FORMING A MOLDED ARRAY PACKAGE DEVICE HAVING AN EXPOSED TAB AND STRUCTURE	12553706	9/3/2009	7901990	3/8/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1569.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	12337271	12/17/2008	7902017	3/8/2011	Semiconductor Components Industries, LLC
1570.	METHOD OF PROCESSING SEMICONDUCTOR WAFER	12199547	8/27/2008	7902053	3/8/2011	Semiconductor Components Industries, LLC
1571.	SEMICONDUCTOR TRENCH STRUCTURE HAVING A SEALING PLUG AND METHOD	12206541	9/8/2008	7902075	3/8/2011	Semiconductor Components Industries, LLC
1572.	HIGH-VOLTAGE DRIVER AND PIEZOELECTRIC PUMP WITH BUILT-IN DRIVER	12167035	7/2/2008	7902720	3/8/2011	Semiconductor Components Industries, LLC
1573.	A CONSTANT CURRENT CIRCUIT FOR SUPPLYING A CONSTANT CURRENT TO OPERATING CIRCUITS	11963412	12/21/2007	7902808	3/8/2011	Semiconductor Components Industries, LLC
1574.	METHOD OF FORMING A CHARGE PUMP CONTROLLER AND STRUCTURE THEREFOR	11996475	1/22/2008	7902908	3/8/2011	Semiconductor Components Industries, LLC
1575.	METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE WITH A PEELING PREVENTION LAYER	12109800	4/25/2008	7906430	3/15/2011	Semiconductor Components Industries, LLC
1576.	SEMICONDUCTOR DEVICE WITH PROTECTION ELEMENT DISPOSED AROUND A FORMATION REGION OF A TRANSISTOR	11738621	4/23/2007	7906811	3/15/2011	Semiconductor Components Industries, LLC
1577.	LENS CORRECTION LOGIC FOR IMAGE SENSORS	11778532	7/16/2007	7907185	3/15/2011	Semiconductor Components Industries, LLC
1578.	BI-DIRECTIONAL TRANSISTOR WITH BY-PASS PATH AND METHOD THEREFOR	12408565	3/20/2009	7910409	3/22/2011	Semiconductor Components Industries, LLC
1579.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12836221	7/14/2010	7910449	3/22/2011	Semiconductor Components Industries, LLC
1580.	POWER SUPPLY CONTROL METHOD AND STRUCTURE THEREFOR	11814656	7/24/2007	7911081	3/22/2011	Semiconductor Components Industries, LLC
1581.	BATTERY VOLTAGE DETECTION CIRCUIT	12358096	1/22/2009	7911185	3/22/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1582.	REFERENCE FREQUENCY CONTROL CIRCUIT	12391941	2/24/2009	7911285	3/22/2011	Semiconductor Components Industries, LLC
1583.	OPERATION CONTROLLING	11413175	4/28/2006	7912516	3/22/2011	Semiconductor Components Industries, LLC
1584.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12389857	2/20/2009	7915731	3/29/2011	Semiconductor Components Industries, LLC
1585.	SEMICONDUCTOR DEVICE	11923335	10/24/2007	7915740	3/29/2011	Semiconductor Components Industries, LLC
1586.	METHOD OF FORMING A CURRENT SENSE CIRCUIT AND STRUCTURE THEREFOR	11719998	5/23/2007	7915870	3/29/2011	Semiconductor Components Industries, LLC
1587.	AMPLIFIER CIRCUIT AND METHOD THEREFOR	12091152	4/22/2008	7915953	3/29/2011	Semiconductor Components Industries, LLC
1588.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12440864	3/11/2009	7919353	4/5/2011	Semiconductor Components Industries, LLC
1589.	SEMICONDUCTOR DEVICE WITH RECESS PORTION OVER PAD ELECTRODE	11956160	12/13/2007	7919875	4/5/2011	Semiconductor Components Industries, LLC
1590.	MOTOR DRIVING CIRCUIT	12200744	8/28/2008	7919944	4/5/2011	Semiconductor Components Industries, LLC
1591.	TRANSISTOR DIAGNOSTIC CIRCUIT	12548293	8/26/2009	7919976	4/5/2011	Semiconductor Components Industries, LLC
1592.	OPTICAL DISC SIGNAL PROCESSING APPARATUS, AND MEDIUM HAVING PROGRAM RECORDED THEREON FOR CONTROLLING OPTICAL DISC APPARATUS	11779725	7/18/2007	7920445	4/5/2011	Semiconductor Components Industries, LLC
1593.	SIGNAL GENERATION CIRCUIT	12111885	4/29/2008	7920979	4/5/2011	Semiconductor Components Industries, LLC
1594.	FILTERING INTEGRATED CIRCUIT	11776435	7/11/2007	7921147	4/5/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1595.	NOISE ELIMINATOR	11577787	6/16/2009	7924329	4/12/2011	Semiconductor Components Industries, LLC
1596.	IMAGE SENSOR FOR STILL OR VIDEO PHOTOGRAPHY	12114869	5/5/2008	7924338	4/12/2011	Semiconductor Components Industries, LLC
1597.	MOTION DETECTION APPARATUS	11963459	12/21/2007	7925054	4/12/2011	Semiconductor Components Industries, LLC
1598.	DRIVE SIGNAL OUTPUT CIRCUIT AND MULTI-CHIP PACKAGE	12499879	7/9/2009	7928771	4/19/2011	Semiconductor Components Industries, LLC
1599.	NOISE DETECTING APPARATUS AND AM BROADCAST RECEIVING APPARATUS	11758566	6/5/2007	7929997	4/19/2011	Semiconductor Components Industries, LLC
1600.	MUSIC REPLAY CIRCUIT	12240602	9/29/2008	7932456	4/26/2011	Semiconductor Components Industries, LLC
1601.	SEMICONDUCTOR APPARATUS	11683581	3/8/2007	7932561	4/26/2011	Semiconductor Components Industries, LLC
1602.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11961516	12/20/2007	7932580	4/26/2011	Semiconductor Components Industries, LLC
1603.	SINGLE INPUT DUAL OUTPUT VOLTAGE POWER SUPPLY AND METHOD THEREFOR	11912795	10/26/2007	7932706	4/26/2011	Semiconductor Components Industries, LLC
1604.	METHOD OF FORMING A SEMICONDUCTOR PACKAGE AND STRUCTURE THEREFOR	12098813	4/7/2008	7935575	5/3/2011	Semiconductor Components Industries, LLC
1605.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	12064996	2/27/2008	7935899	5/3/2011	Semiconductor Components Industries, LLC
1606.	DRIVE WAVE GENERATION CIRCUIT	12240416	9/29/2008	7936107	5/3/2011	Semiconductor Components Industries, LLC
1607.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	11307283	1/30/2006	7936569	5/3/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1608.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT WITH A LOW COST LEADFRAME USING A NON-METALLIC BASE STRUCTURE	12049909	3/17/2008	7939380	5/10/2011	Semiconductor Components Industries, LLC
1609.	SEMICONDUCTOR DEVICE	12028585	2/8/2008	7939881	5/10/2011	Semiconductor Components Industries, LLC
1610.	IMAGE-SIGNAL PROCESSING DEVICE	11882836	8/6/2007	7940314	5/10/2011	Semiconductor Components Industries, LLC
1611.	METHOD FOR MANUFACTURING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	12076822	3/24/2008	7943054	5/17/2011	Semiconductor Components Industries, LLC
1612.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT	12359445	1/26/2009	7943465	5/17/2011	Semiconductor Components Industries, LLC
1613.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12177696	7/22/2008	7944015	5/17/2011	Semiconductor Components Industries, LLC
1614.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	12186345	8/5/2008	7944017	5/17/2011	Semiconductor Components Industries, LLC
1615.	SEMICONDUCTOR PACKAGE STRUCTURE HAVING ENHANCED THERMAL DISSIPATION CHARACTERISTICS	11575808	3/22/2007	7944044	5/17/2011	Semiconductor Components Industries, LLC
1616.	CONSTANT CURRENT CIRCUIT	12568916	9/29/2009	7944272	5/17/2011	Semiconductor Components Industries, LLC
1617.	INTERFACE CIRCUIT	12748481	3/29/2010	7945744	5/17/2011	Semiconductor Components Industries, LLC
1618.	SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING SEMICONDUCTOR DEVICE	12167764	7/3/2008	7948031	5/24/2011	Semiconductor Components Industries, LLC
1619.	SEMICONDUCTOR DEVICE HAVING TRENCH EDGE TERMINATION STRUCTURE	11671514	2/6/2007	7948033	5/24/2011	Semiconductor Components Industries, LLC
1620.	CHARGE-COUPLED DEVICE IMAGE SENSOR WITH VERTICAL BINNING OF SAME-COLOR PIXELS	12255716	10/22/2008	7948534	5/24/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1621.	MOTOR SPEED CONTROL CIRCUIT	12136535	6/10/2008	7949234	5/24/2011	Semiconductor Components Industries, LLC
1622.	USB SYSTEM WITH SPREAD SPECTRUM EMI REDUCTION	11881416	7/27/2007	7953175	5/31/2011	Semiconductor Components Industries, LLC
1623.	METHOD OF FORMING AN INTEGRATED SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	12208537	9/11/2008	7955941	6/7/2011	Semiconductor Components Industries, LLC
1624.	HIGH VOLTAGE SENSOR DEVICE AND METHOD THEREFOR	12570300	9/30/2009	7955943	6/7/2011	Semiconductor Components Industries, LLC
1625.	IMAGING APPARATUS AND IMAGE SIGNAL PROCESSING DEVICE	11979615	11/6/2007	7956325	6/7/2011	Semiconductor Components Industries, LLC
1626.	METHOD FOR DETECTING A CURRENT AND COMPENSATING FOR AN OFFSET VOLTAGE AND CIRCUIT	12557206	9/10/2009	7956651	6/7/2011	Semiconductor Components Industries, LLC
1627.	DELAY CIRCUIT AND VIDEO SIGNAL PROCESSING CIRCUIT USING THE SAME	11470914	9/7/2006	7956931	6/7/2011	Semiconductor Components Industries, LLC
1628.	CIRCUIT DEVICE	11928782	10/30/2007	7957158	6/7/2011	Semiconductor Components Industries, LLC
1629.	LISTENING DEVICE	11375031	3/15/2006	7957543	6/7/2011	Semiconductor Components Industries, LLC
1630.	SEMICONDUCTOR DEVICE HAVING VERTICAL CHARGE-COMPENSATED STRUCTURE AND SUB-SURFACE CONNECTING LAYER AND METHOD	12206516	9/8/2008	7960781	6/14/2011	Semiconductor Components Industries, LLC
1631.	INVERTER CIRCUIT	12293701	9/19/2008	7961013	6/14/2011	Semiconductor Components Industries, LLC
1632.	INTEGRATED DRIVING APPARATUS FOR DISPLAY APPARATUS	11863844	9/28/2007	7961179	6/14/2011	Semiconductor Components Industries, LLC
1633.	METHOD OF FORMING A PWM CONTROLLER AND STRUCTURE THEREFOR	11954546	12/12/2007	7961485	6/14/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1634.	SEMICONDUCTOR DEVICE HAVING A DMOS STRUCTURE	11708682	2/21/2007	7964915	6/21/2011	Semiconductor Components Industries, LLC
1635.	CIRCUIT SUBSTRATE, CIRCUIT DEVICE AND MANUFACTURING PROCESS THEREOF	12342363	12/23/2008	7964957	6/21/2011	Semiconductor Components Industries, LLC
1636.	SEMICONDUCTOR DEVICE HAVING NON PARALLEL CLEAVAGE PLANES IN A SUBSTRATE AND SUPPORTING SUBSTRATE	12500735	7/10/2009	7964960	6/21/2011	Semiconductor Components Industries, LLC
1637.	SEMICONDUCTOR DEVICE	12412659	3/27/2009	7968941	6/28/2011	Semiconductor Components Industries, LLC
1638.	SEMICONDUCTOR DEVICE	11861682	9/26/2007	7968983	6/28/2011	Semiconductor Components Industries, LLC
1639.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12111383	4/29/2008	7969007	6/28/2011	Semiconductor Components Industries, LLC
1640.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	12056531	3/27/2008	7969134	6/28/2011	Semiconductor Components Industries, LLC
1641.	LIQUID CRYSTAL DRIVING APPARATUS WITH MASKED LATCH PULSE GENERATING CIRCUIT	12055251	3/25/2008	7969401	6/28/2011	Semiconductor Components Industries, LLC
1642.	PLL CONTROL CIRCUIT OF OPTICAL DISC APPARATUS, AND RECORDING MEDIUM HAVING RECORDED THEREON PROGRAM FOR CONTROLLING THE OPTICAL DISC APPARATUS	11685691	3/13/2007	7970254	6/28/2011	Semiconductor Components Industries, LLC
1643.	METHOD OF MAKING RELIABLE WAFER LEVEL CHIP SCALE PACKAGE SEMICONDUCTOR DEVICES	11685085	3/12/2007	7972521	7/5/2011	Semiconductor Components Industries, LLC
1644.	METHOD AND PIXEL FOR PERFORMING CORRELATED DOUBLE SAMPLING	11136545	5/25/2005	7973845	7/5/2011	Semiconductor Components Industries, LLC
1645.	IMAGE SENSOR AND METHOD	12251414	10/14/2008	7974805	7/5/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1646.	METHODS AND SYSTEMS FOR INTENSITY MODELING INCLUDING POLARIZATION	12120052	5/13/2008	7974819	7/5/2011	Semiconductor Components Industries, LLC
1647.	DECRYPTION KEY TABLE ACCESS CONTROL ON ASIC OR ASSP	11585241	10/24/2006	7975151	7/5/2011	Semiconductor Components Industries, LLC
1648.	PIXEL SENSING CIRCUIT	12413557	3/28/2009	7977717	7/12/2011	Semiconductor Components Industries, LLC
1649.	METHOD FOR REGULATING A VOLTAGE AND CIRCUIT THEREFOR	11572456	1/22/2007	7977929	7/12/2011	Semiconductor Components Industries, LLC
1650.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE WITH SMOOTHING	12051502	3/19/2008	7981807	7/19/2011	Semiconductor Components Industries, LLC
1651.	SEMICONDUCTOR DIE SINGULATION METHOD	12749370	3/29/2010	7985661	7/26/2011	Semiconductor Components Industries, LLC
1652.	SEMICONDUCTOR DEVICE	11639410	12/15/2006	7986021	7/26/2011	Semiconductor Components Industries, LLC
1653.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	11917327	12/12/2007	7986536	7/26/2011	Semiconductor Components Industries, LLC
1654.	SEMICONDUCTOR DIE SINGULATION METHOD	12689098	1/18/2010	7989319	8/2/2011	Semiconductor Components Industries, LLC
1655.	ELECTRONIC DEVICE INCLUDING AN INSULATING LAYER HAVING DIFFERENT THICKNESSES AND A CONDUCTIVE ELECTRODE AND A PROCESS OF FORMING THE SAME	12337306	12/17/2008	7989857	8/2/2011	Semiconductor Components Industries, LLC
1656.	ALIGNMENT OF TRENCH FOR MOS	12560025	9/15/2009	7989886	8/2/2011	Semiconductor Components Industries, LLC
1657.	PROVIDING NONLINEAR TEMPERATURE COMPENSATION FOR SENSING MEANS BY USE OF PADE APPROXIMANT FUNCTION EMULATORS	12166661	7/2/2008	7991571	8/2/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1658.	LOW DROPOUT VOLTAGE REGULATOR WITH HIGH POWER SUPPLY REJECTION RATIO	12268838	11/11/2008	7994764	8/9/2011	Semiconductor Components Industries, LLC
1659.	IMAGE SENSOR FOR STILL OR VIDEO PHOTOGRAPHY	12612950	11/5/2009	7995129	8/9/2011	Semiconductor Components Industries, LLC
1660.	RESIN MOLDED SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12539939	8/12/2009	7998794	8/16/2011	Semiconductor Components Industries, LLC
1661.	SEMICONDUCTOR DEVICE, AND SEMICONDUCTOR MANUFACTURING METHOD	11290852	11/30/2005	7999327	8/16/2011	Semiconductor Components Industries, LLC
1662.	SEMICONDUCTOR DEVICE	11391166	3/27/2006	7999333	8/16/2011	Semiconductor Components Industries, LLC
1663.	ELECTROSTATIC DISCHARGE CIRCUIT USING FORWARD BIASED CIRCULAR-ARC SHAPED STEERING DIODES	12464805	5/12/2009	7999357	8/16/2011	Semiconductor Components Industries, LLC
1664.	CHARGING CONTROL APPARATUS AND CHARGING APPARATUS	12497466	7/2/2009	7999517	8/16/2011	Semiconductor Components Industries, LLC
1665.	INTEGRATED CIRCUIT FOR OPTICAL DISC	11863019	9/27/2007	8000182	8/16/2011	Semiconductor Components Industries, LLC
1666.	DRIVE SIGNAL GENERATION CIRCUIT	12332932	12/11/2008	8000185	8/16/2011	Semiconductor Components Industries, LLC
1667.	METHOD OF FORMING A BI-DIRECTIONAL DIODE AND STRUCTURE THEREFOR	12134401	6/6/2008	8003478	8/23/2011	Semiconductor Components Industries, LLC
1668.	SEMICONDUCTOR DEVICE	12547668	8/26/2009	8004008	8/23/2011	Semiconductor Components Industries, LLC
1669.	IMAGING APPARATUS USING MULTIPLE REGULATORS TO DECREASE OVERALL POWER CONSUMPTION	10202166	7/24/2002	8004601	8/23/2011	Semiconductor Components Industries, LLC
1670.	SEMICONDUCTOR INTEGRATED CIRCUIT	12238213	9/25/2008	8004894	8/23/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1671.	DOUBLE EDGE TRIGGERED FLIP-FLOP CIRCUIT	12519255	6/15/2009	8004908	8/23/2011	Semiconductor Components Industries, LLC
1672.	DATA TRANSFER SYSTEM	12694448	1/27/2010	8004910	8/23/2011	Semiconductor Components Industries, LLC
1673.	SIGNAL PROCESSING CIRCUIT	12048388	3/14/2008	8006048	8/23/2011	Semiconductor Components Industries, LLC
1674.	FLIP-FLOP CIRCUIT THAT LATCHES INPUTTED DATA	12371094	2/13/2009	8008959	8/30/2011	Semiconductor Components Industries, LLC
1675.	ELECTROLUMINESCENCE DISPLAY APPARATUS	12058800	3/31/2008	8009129	8/30/2011	Semiconductor Components Industries, LLC
1676.	FREQUENCY MODULATION-TYPE TRANSMITTING APPARATUS	11528874	9/28/2006	8009835	8/30/2011	Semiconductor Components Industries, LLC
1677.	SEMICONDUCTOR DIE SINGULATION METHOD	12689110	1/18/2010	8012857	9/6/2011	Semiconductor Components Industries, LLC
1678.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12053168	3/21/2008	8013442	9/6/2011	Semiconductor Components Industries, LLC
1679.	SENSOR CIRCUIT	12501811	7/13/2009	8013590	9/6/2011	Semiconductor Components Industries, LLC
1680.	TERNARY VALVE INPUT CIRCUIT	12484670	6/15/2009	8013630	9/6/2011	Semiconductor Components Industries, LLC
1681.	CHARGE PUMP CONTROLLER AND METHOD THEREFOR	11815843	3/19/2010	8013664	9/6/2011	Semiconductor Components Industries, LLC
1682.	SEMICONDUCTOR INTEGRATED CIRCUIT	12268709	11/11/2008	8014114	9/6/2011	Semiconductor Components Industries, LLC
1683.	NON-VOLATILE MEMORY CONTROL CIRCUIT	12480143	6/8/2009	8014210	9/6/2011	Semiconductor Components Industries, LLC
1684.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	12974819	12/21/2010	8017482	9/13/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1685.	SEMICONDUCTOR DEVICE	12419150	4/6/2009	8018001	9/13/2011	Semiconductor Components Industries, LLC
1686.	MOS TRANSISTORS FORMED ON THE FRONT AND BACK SURFACE OF A SEMICONDUCTOR SUBSTRATE	12128230	5/28/2008	8018031	9/13/2011	Semiconductor Components Industries, LLC
1687.	SERIAL DATA INPUT SYSTEM	11542640	10/4/2006	8018445	9/13/2011	Semiconductor Components Industries, LLC
1688.	METHOD OF FORMING AN INSULATED GATE FIELD EFFECT TRANSISTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE	12633947	12/9/2009	8021947	9/20/2011	Semiconductor Components Industries, LLC
1689.	SEMICONDUCTOR DEVICE OPTIMIZED TO INCREASE WITHSTAND VOLTAGE AND REDUCE ON RESISTANCE	12434128	5/1/2009	8022475	9/20/2011	Semiconductor Components Industries, LLC
1690.	IMAGE STABILIZATION CONTROL CIRCUIT FOR CORRECTING VIBRATION-CAUSED DISPLACEMENT OF OPTICAL AXIS, AND IMAGE PICKUP APPARATUS PROVIDED WITH THE SAME	12333489	12/12/2008	8026949	9/27/2011	Semiconductor Components Industries, LLC
1691.	MOTOR DRIVE CIRCUIT	12483168	6/11/2009	8030864	10/4/2011	Semiconductor Components Industries, LLC
1692.	MOTOR DRIVE CIRCUIT, FAN MOTOR, ELECTRONIC DEVICE, AND NOTEBOOK PERSONAL COMPUTER	12274715	11/20/2008	8030866	10/4/2011	Semiconductor Components Industries, LLC
1693.	TRIANGLE WAVE GENERATING CIRCUIT	12691544	1/21/2010	8030976	10/4/2011	Semiconductor Components Industries, LLC
1694.	CLOCK GENERATING CIRCUIT	12691530	1/21/2010	8030977	10/4/2011	Semiconductor Components Industries, LLC
1695.	DIGITAL DATA REPRODUCING APPARATUS AND RECORDING MEDIUM	12402394	3/11/2009	8032728	10/4/2011	Semiconductor Components Industries, LLC
1696.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	11340851	1/27/2006	8035215	10/11/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1697.	FAN MOTOR SPEED CONTROL CIRCUIT, FAN APPARATUS, AND ELECTRONIC APPARATUS	12147640	6/27/2008	8035333	10/11/2011	Semiconductor Components Industries, LLC
1698.	ECHO PREVENTION CIRCUIT HAVING ADAPTIVE DIGITAL FILTER	11277210	3/22/2006	8036376	10/11/2011	Semiconductor Components Industries, LLC
1699.	METHOD OF FORMING LOW CAPACITANCE ESD DEVICE AND STRUCTURE THEREFOR	12395076	2/27/2009	8039359	10/18/2011	Semiconductor Components Industries, LLC
1700.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12476790	6/2/2009	8044440	10/25/2011	Semiconductor Components Industries, LLC
1701.	CURRENT CONTROLLER AND METHOD THEREFOR	11814660	7/24/2007	8044704	10/25/2011	Semiconductor Components Industries, LLC
1702.	SIX TRANSISTOR (6T) PIXEL ARCHITECTURE	12148915	4/22/2008	8045028	10/25/2011	Semiconductor Components Industries, LLC
1703.	A SIGNAL PROCESSOR CONFIGURED TO PROCESS A FIRST SIGNAL TO GENERATE A SECOND SIGNAL	12041740	3/4/2008	8045049	10/25/2011	Semiconductor Components Industries, LLC
1704.	VERTICAL MOS TRANSISTOR AND METHOD THEREFOR	12630621	12/3/2009	8048740	11/1/2011	Semiconductor Components Industries, LLC
1705.	EDGE SEAL FOR A SEMICONDUCTOR DEVICE	12499429	7/8/2009	8049309	11/1/2011	Semiconductor Components Industries, LLC
1706.	METHOD FOR CHANGING AN OUTPUT VOLTAGE AND CIRCUIT THEREFOR	12336725	12/17/2008	8049476	11/1/2011	Semiconductor Components Industries, LLC
1707.	WHITE BALANCE CORRECTION USING ILLUMINANT ESTIMATION	11639772	12/15/2006	8049789	11/1/2011	Semiconductor Components Industries, LLC
1708.	MEMORY	12266332	11/6/2008	8050075	11/1/2011	Semiconductor Components Industries, LLC
1709.	LIGHT SENSOR RECEIVING LIGHT FROM BACKSIDE	11483185	7/10/2006	8053852	11/8/2011	Semiconductor Components Industries, LLC
1710.	MULTI-OSCILLATOR CIRCUIT WITH VARIABLE POWER SUPPLY	12694465	1/27/2010	8054138	11/8/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1711.	DEVICE HAVING WIRE BOND AND REDISTRIBUTION LAYER	12861744	8/23/2010	8058712	11/15/2011	Semiconductor Components Industries, LLC
1712.	IMAGE STABILIZATION CONTROL CIRCUIT, IMAGING DEVICE, AND PIEZOELECTRIC ACTUATOR DRIVE CIRCUIT	12314663	12/15/2008	8058770	11/15/2011	Semiconductor Components Industries, LLC
1713.	METHOD FOR DETECTING A FAULT CONDITION	12415009	3/31/2009	8058894	11/15/2011	Semiconductor Components Industries, LLC
1714.	CHARGE PUMP CIRCUIT AND SLICE LEVEL CONTROL CIRCUIT	12132996	6/4/2008	8058923	11/15/2011	Semiconductor Components Industries, LLC
1715.	CORRELATED DOUBLE SAMPLING PIXEL AND METHOD	12284901	9/26/2008	8059173	11/15/2011	Semiconductor Components Industries, LLC
1716.	IMAGE SIGNAL PROCESSING APPARATUS AND IMAGE SIGNAL PROCESSING METHOD FOR CONTROLLING OPTICAL BLACK LEVEL OF IMAGE SIGNAL	11843728	8/23/2007	8059205	11/15/2011	Semiconductor Components Industries, LLC
1717.	PWM CONTROLLER HAVING DRIVE CONTROL WITH INPUT VOLTAGE SENSING AND METHOD THEREFOR	11954506	12/12/2007	8059432	11/15/2011	Semiconductor Components Industries, LLC
1718.	LEVEL SHIFT CIRCUIT	12786761	5/25/2010	8063690	11/22/2011	Semiconductor Components Industries, LLC
1719.	IMAGING DEVICE HAVING A PIXEL STRUCTURE WITH HIGH DYNAMIC RANGE READ-OUT SIGNAL	11030721	1/6/2005	8063963	11/22/2011	Semiconductor Components Industries, LLC
1720.	HYBRID INTEGRATED CIRCUIT DEVICE	12233682	9/19/2008	8064212	11/22/2011	Semiconductor Components Industries, LLC
1721.	METHOD OF FORMING A SERIES RESONANT SWITCHING POWER SUPPLY CONTROL CIRCUIT AND STRUCTURE THEREFOR	12268816	11/11/2008	8064229	11/22/2011	Semiconductor Components Industries, LLC
1722.	IMAGE STABILIZATION CONTROL CIRCUIT	12182175	7/30/2008	8068139	11/29/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1723.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE THEREFOR	12362142	1/29/2009	8071427	12/6/2011	Semiconductor Components Industries, LLC
1724.	MEMORY DEVICE WITH PARALLEL INTERFACE	11801501	5/10/2007	8072819	12/6/2011	Semiconductor Components Industries, LLC
1725.	DATA PLAYER AND DATA PLAY METHOD	12047375	3/13/2008	8073089	12/6/2011	Semiconductor Components Industries, LLC
1726.	TRENCH GATE TYPE TRANSISTOR	12447817	4/29/2009	8076720	12/13/2011	Semiconductor Components Industries, LLC
1727.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12134861	6/6/2008	8076755	12/13/2011	Semiconductor Components Industries, LLC
1728.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME	12081487	4/16/2008	8076781	12/13/2011	Semiconductor Components Industries, LLC
1729.	METHOD AND APPARATUS FOR CONTROLLING DUAL CONVERSION GAIN SIGNAL IN IMAGING DEVICES	11873314	10/16/2007	8077237	12/13/2011	Semiconductor Components Industries, LLC
1730.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11829397	7/27/2007	8080863	12/20/2011	Semiconductor Components Industries, LLC
1731.	DATA OUTPUT CIRCUIT	12134525	6/6/2008	8081095	12/20/2011	Semiconductor Components Industries, LLC
1732.	COLOR KILLER CIRCUIT	12249489	10/10/2008	8081260	12/20/2011	Semiconductor Components Industries, LLC
1733.	DIGITAL DATA PROCESSING CIRCUIT	12392762	2/25/2009	8081927	12/20/2011	Semiconductor Components Industries, LLC
1734.	NOISE CANCELLER USING FORWARD AND BACKWARD LINEAR PREDICTION WITH A TEMPORALLY NONLINEAR LINEAR WEIGHTING	11458627	7/19/2006	8082146	12/20/2011	Semiconductor Components Industries, LLC
1735.	NOISE-TOLERANT DATA COMMUNICATION SYSTEM	12186149	8/5/2008	8082375	12/20/2011	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1736.	RESIN SHEET, CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	12557882	9/11/2009	8084301	12/27/2011	Semiconductor Components Industries, LLC
1737.	METHOD OF THINNING A SEMICONDUCTOR WAFER USING A FILM FRAME	12172075	7/11/2008	8084335	12/27/2011	Semiconductor Components Industries, LLC
1738.	MEMORY	12615086	11/9/2009	8085570	12/27/2011	Semiconductor Components Industries, LLC
1739.	EXTENDED DEPTH OF FIELD USING A MULTI-FOCAL LENGTH LENS WITH A CONTROLLED RANGE OF SPHERICAL ABERRATION AND A CENTRALLY OBSCURED APERTURE	11870729	10/11/2007	8086058	12/27/2011	Semiconductor Components Industries, LLC
1740.	TWO TERMINAL MULTI-CHANNEL ESD DEVICE AND METHOD THEREFOR	12860154	8/20/2010	8089095	1/3/2012	Semiconductor Components Industries, LLC
1741.	CORRECTION ARITHMETIC CIRCUIT	12249553	10/10/2008	8089490	1/3/2012	Semiconductor Components Industries, LLC
1742.	IMAGE STABILIZATION CONTROL CIRCUIT	12314989	12/19/2008	8089517	1/3/2012	Semiconductor Components Industries, LLC
1743.	SIGNAL PROCESSING CIRCUIT	11642903	12/20/2006	8089562	1/3/2012	Semiconductor Components Industries, LLC
1744.	DIGITAL DATA PROCESSING CIRCUIT	12391933	2/24/2009	8090318	1/3/2012	Semiconductor Components Industries, LLC
1745.	TRANSIENT VOLTAGE SUPPRESSOR AND METHODS	12098369	4/4/2008	8093133	1/10/2012	Semiconductor Components Industries, LLC
1746.	SEMICONDUCTOR DEVICE	12204565	9/4/2008	8093683	1/10/2012	Semiconductor Components Industries, LLC
1747.	CIRCUIT DEVICE WITH CIRCUIT BOARD AND SEMICONDUCTOR CHIP MOUNTED THEREON	11313743	12/22/2005	8093699	1/10/2012	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1748.	SEMICONDUCTOR CIRCUIT	12559017	9/14/2009	8093879	1/10/2012	Semiconductor Components Industries, LLC
1749.	LOW SIDE DRIVER	12188962	8/8/2008	8093924	1/10/2012	Semiconductor Components Industries, LLC
1750.	BUS DRIVING IN AN IMAGE SENSOR	12156351	5/29/2008	8094223	1/10/2012	Semiconductor Components Industries, LLC
1751.	BAND SWITCH CONTROL APPARATUS FOR INTERMEDIATE FREQUENCY FILTER	12201268	8/29/2008	8095095	1/10/2012	Semiconductor Components Industries, LLC
1752.	MOTOR DRIVE CIRCUIT	12412285	3/26/2009	8098033	1/17/2012	Semiconductor Components Industries, LLC
1753.	SHAKE CORRECTION CONTROL CIRCUIT AND IMAGE PICKUP APPARATUS PROVIDED WITH THE SAME	12340181	12/19/2008	8098286	1/17/2012	Semiconductor Components Industries, LLC
1754.	MULTLIPLE OUTPUT CHARGE-COUPLED DEVICES	12716361	3/3/2010	8098316	1/17/2012	Semiconductor Components Industries, LLC
1755.	DECODING CIRCUIT	11946611	11/28/2007	8098739	1/17/2012	Semiconductor Components Industries, LLC
1756.	SIGNAL PROCESSING CIRCUIT	11951795	12/6/2007	8098785	1/17/2012	Semiconductor Components Industries, LLC
1757.	MUTING CIRCUIT	11858848	9/20/2007	8098847	1/17/2012	Semiconductor Components Industries, LLC
1758.	METHOD OF MANUFACTURING BALL GRID ARRAY TYPE SEMICONDUCTOR DEVICE	12778567	5/12/2010	8101496	1/24/2012	Semiconductor Components Industries, LLC
1759.	SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND METHOD FOR MANUFACTURING SAME	11808235	6/7/2007	8102016	1/24/2012	Semiconductor Components Industries, LLC
1760.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12376917	3/25/2009	8102039	1/24/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1761.	PHASE SYNCHRONIZATION CIRCUIT	12411321	3/25/2009	8102158	1/24/2012	Semiconductor Components Industries, LLC
1762.	MULTIPLE OUTPUT CHARGE-COUPLED DEVICES	12716380	3/3/2010	8102455	1/24/2012	Semiconductor Components Industries, LLC
1763.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	12239407	9/26/2008	8102670	1/24/2012	Semiconductor Components Industries, LLC
1764.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE WITH WIRING ON SIDE SURFACE THEREOF	10876532	6/28/2004	8105856	1/31/2012	Semiconductor Components Industries, LLC
1765.	MOLDING DIE WITH TILTED RUNNER, METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE USING THE SAME, AND SEMICONDUCTOR DEVICE MADE BY THE METHOD	12568486	9/28/2009	8105883	1/31/2012	Semiconductor Components Industries, LLC
1766.	INSULATED GATE SEMICONDUCTOR DEVICE	12425893	4/17/2009	8106460	1/31/2012	Semiconductor Components Industries, LLC
1767.	NONCONTACT TRANSMISSION DEVICE	12517038	5/29/2009	8106625	1/31/2012	Semiconductor Components Industries, LLC and Aska Electron Corporation
1768.	AMPLIFYING ELEMENT AND MANUFACTURING METHOD THEREOF	12410105	3/24/2009	8107644	1/31/2012	Semiconductor Components Industries, LLC
1769.	TWO TERMINAL MULTI-CHANNEL ESD DEVICE AND METHOD THEREFOR	12858282	8/17/2010	8110448	2/7/2012	Semiconductor Components Industries, LLC
1770.	METHOD OF FABRICATING SEMICONDUCTOR DEVICE	12363553	1/30/2009	8110463	2/7/2012	Semiconductor Components Industries, LLC
1771.	IMAGE SENSOR WITH A REFLECTIVE WAVEGUIDE	11509480	8/23/2006	8110787	2/7/2012	Semiconductor Components Industries, LLC
1772.	SEMICONDUCTOR DEVICE	11849042	8/31/2007	8115256	2/14/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1773.	DEEP TRENCH ISOLATION STRUCTURES IN INTEGRATED SEMICONDUCTOR DEVICES	12163909	6/27/2008	8115273	2/14/2012	Semiconductor Components Industries, LLC
1774.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A WELL REGION	12495278	6/30/2009	8124468	2/28/2012	Semiconductor Components Industries, LLC
1775.	PIEZOELECTRIC ACTUATOR CONTROL CIRCUIT, IMAGE STABILIZATION CONTROL CIRCUIT, AND IMAGING DEVICE	12314661	12/15/2008	8125119	2/28/2012	Semiconductor Components Industries, LLC
1776.	DECODING CIRCUIT	11946635	11/28/2007	8126018	2/28/2012	Semiconductor Components Industries, LLC
1777.	AUDIO SIGNAL PROCESSING CIRCUIT	12265378	11/5/2008	8126151	2/28/2012	Semiconductor Components Industries, LLC
1778.	METHOD OF FORMING A SHIELDED SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	12170202	7/9/2008	8129266	3/6/2012	Semiconductor Components Industries, LLC
1779.	FOCUS CONTROL CIRCUIT FOR ADJUSTING THE FOCUS BY MOVING A LENS	12835360	7/13/2010	8131143	3/6/2012	Semiconductor Components Industries, LLC
1780.	METHODS FOR GETTERING IN SEMICONDUCTOR SUBSTRATE	12971637	12/17/2010	8133769	3/13/2012	Semiconductor Components Industries, LLC
1781.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	12567050	9/25/2009	8133788	3/13/2012	Semiconductor Components Industries, LLC
1782.	NOISE FILTER AND NOISE-FILTER-INCORPORATED AMPLIFIER CIRCUIT	12401317	3/10/2009	8134423	3/13/2012	Semiconductor Components Industries, LLC
1783.	LED DRIVING CIRCUIT	12189003	8/8/2008	8134522	3/13/2012	Semiconductor Components Industries, LLC
1784.	AMPLIFIER CIRCUIT	12341741	12/22/2008	8134602	3/13/2012	Semiconductor Components Industries, LLC
1785.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570017	9/30/2009	8134628	3/13/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1786.	SYSTEM AND METHOD FOR DRAINING RESIDUAL CHARGE FROM CHARGE-COUPLED DEVICE (CCD) SHIFT REGISTERS IN IMAGE SENSORS HAVING RESET DRAINS	12118131	5/9/2008	8134630	3/13/2012	Semiconductor Components Industries, LLC
1787.	FM TUNER HAVING ADAPTIVE BANDPASS FILTER FOR ADJACENT CHANNEL INTERFERENCE	12230601	9/2/2008	8135370	3/13/2012	Semiconductor Components Industries, LLC
1788.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	11746437	5/9/2007	8138033	3/20/2012	Semiconductor Components Industries, LLC
1789.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	12875326	9/3/2010	8138040	3/20/2012	Semiconductor Components Industries, LLC
1790.	METHOD FOR MANUFACTURING A PIXEL SENSING CIRCUIT	13117581	5/27/2011	8138535	3/20/2012	Semiconductor Components Industries, LLC
1791.	METHOD OF FORMING A HIGH CAPACITANCE DIODE AND STRUCTURE THEREFOR	12630670	12/3/2009	8143701	3/27/2012	Semiconductor Components Industries, LLC
1792.	CIRCUIT AND METHOD FOR DETERMINING A CURRENT	12632600	12/7/2009	8143923	3/27/2012	Semiconductor Components Industries, LLC
1793.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570073	9/30/2009	8144220	3/27/2012	Semiconductor Components Industries, LLC
1794.	EMC PROTECTION CIRCUIT	12190535	8/12/2008	8144444	3/27/2012	Semiconductor Components Industries, LLC
1795.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12538635	8/10/2009	8148788	4/3/2012	Semiconductor Components Industries, LLC
1796.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12438888	2/25/2009	8148811	4/3/2012	Semiconductor Components Industries, LLC
1797.	METHOD FOR STARTING A BRUSHLESS SENSORLESS DC MOTOR	12495329	6/30/2009	8148928	4/3/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1798.	POWER SUPPLY CONTROL CIRCUITS INCLUDING ENHANCED RAMP PULSE MODULATION	12862414	8/24/2010	8148966	4/3/2012	Semiconductor Components Industries, LLC
1799.	SOLID-STATE IMAGE SENSOR	11340571	1/27/2006	8149051	4/3/2012	Semiconductor Components Industries, LLC
1800.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570062	9/30/2009	8149303	4/3/2012	Semiconductor Components Industries, LLC
1801.	SOUND SIGNAL EQUALIZER FOR ADJUSTING GAIN AT DIFFERENT FREQUENCY BANDS	11984598	11/20/2007	8150070	4/3/2012	Semiconductor Components Industries, LLC
1802.	DIODE WITH SHORTENED REVERSE RECOVERY TIME WITHOUT REDUCING IMPURITY CONCENTRATION	12400404	3/9/2009	8154048	4/10/2012	Semiconductor Components Industries, LLC
1803.	ELECTRODE STRUCTURE AND SEMICONDUCTOR DEVICE	12307228	3/25/2009	8154129	4/10/2012	Semiconductor Components Industries, LLC
1804.	LIQUID CRYSTAL DISPLAY DRIVE CIRCUIT	12274645	11/20/2008	8154496	4/10/2012	Semiconductor Components Industries, LLC
1805.	MOTOR DRIVING DEVICE	12856362	8/13/2010	8159176	4/17/2012	Semiconductor Components Industries, LLC
1806.	AMPLIFYING CIRCUIT	13032245	2/22/2011	8159292	4/17/2012	Semiconductor Components Industries, LLC
1807.	SEMICONDUCTOR DEVICE AND IMAGING CAPTURING APPARATUS	12323931	11/26/2008	8159540	4/17/2012	Semiconductor Components Industries, LLC
1808.	POWER SUPPLY CIRCUIT	12547116	8/25/2009	8164315	4/24/2012	Semiconductor Components Industries, LLC
1809.	VIBRATION CORRECTION CONTROL CIRCUIT FOR CORRECTING DISPLACEMENT OF OPTICAL AXIS CAUSED BY VIBRATION, AND IMAGE PICKUP APPARATUS PROVIDED WITH SAID VIBRATION CORRECTION CONTROL CIRCUIT	12816054	6/15/2010	8164635	4/24/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1810.	CHARGE-COUPLED DEVICE IMAGE SENSOR WITH EFFICIENT BINNING OF SAME-COLOR PIXELS	12339114	12/19/2008	8164669	4/24/2012	Semiconductor Components Industries, LLC
1811.	RECEIVING APPARATUS	12718588	3/5/2010	8165548	4/24/2012	Semiconductor Components Industries, LLC
1812.	SCHOTTKY DIODE AND METHOD THEREFOR	11757222	6/1/2007	8168466	5/1/2012	Semiconductor Components Industries, LLC
1813.	METHOD FOR FORMING IMAGE SENSOR WITH SHIELD STRUCTURES	13227376	9/7/2011	8168933	5/1/2012	Semiconductor Components Industries, LLC
1814.	SEMICONDUCTOR DEVICE	12568441	9/28/2009	8169028	5/1/2012	Semiconductor Components Industries, LLC
1815.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11785909	4/20/2007	8169054	5/1/2012	Semiconductor Components Industries, LLC
1816.	CIRCUIT MODULE	12239215	9/26/2008	8169784	5/1/2012	Semiconductor Components Industries, LLC
1817.	RECEIVING APPARATUS	12500383	7/9/2009	8170517	5/1/2012	Semiconductor Components Industries, LLC
1818.	MASTER COMMUNICATION CIRCUIT, SLAVE COMMUNICATION CIRCUIT, AND DATA COMMUNICATING METHOD	11692062	3/27/2007	8171193	5/1/2012	Semiconductor Components Industries, LLC
1819.	METHOD OF FORMING HOLE IN SEMICONDUCTOR DEVICE USING MASK	11878796	7/26/2007	8173543	5/8/2012	Semiconductor Components Industries, LLC
1820.	MOTOR SPEED CONTROLLER	12691172	1/21/2010	8174215	5/8/2012	Semiconductor Components Industries, LLC
1821.	POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11917315	12/12/2007	8174243	5/8/2012	Semiconductor Components Industries, LLC
1822.	PRESSURE SENSOR MOUNTING METHOD, TIRE AND WHEEL HAVING PRESSURE SENSOR, AND TIRE PRESSURE DETECTION DEVICE	12223250	8/14/2008	8176776	5/15/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1823.	MOTOR DRIVING INTEGRATED CIRCUIT	12055183	3/25/2008	8179075	5/15/2012	Semiconductor Components Industries, LLC
1824.	DRIVER CIRCUIT	12772445	5/3/2010	8179081	5/15/2012	Semiconductor Components Industries, LLC
1825.	NONCONTACT TRANSMISSION DEVICE	12516809	5/29/2009	8179088	5/15/2012	Semiconductor Components Industries, LLC and Aska Electron Corporation
1826.	BATTERY PROTECTION METHOD AND CIRCUIT THEREFOR	11570400	7/15/2008	8179096	5/12/2012	Semiconductor Components Industries, LLC
1827.	POWER SUPPLY CIRCUIT AND ELECTRONIC EQUIPMENT	12354559	1/15/2009	8179107	5/15/2012	Semiconductor Components Industries, LLC
1828.	CAPACITOR TEST METHOD AND CIRCUIT THEREFOR	12621951	11/19/2009	8179156	5/15/2012	Semiconductor Components Industries, LLC
1829.	IMAGE SENSOR WITH SHARED NODE	12468581	5/19/2009	8179463	5/15/2012	Semiconductor Components Industries, LLC
1830.	HOWLING SUPPRESSING APPARATUS	12195336	8/20/2008	8180070	5/15/2012	Semiconductor Components Industries, LLC
1831.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12532321	9/21/2009	8183684	5/22/2012	Semiconductor Components Industries, LLC
1832.	MULTI-PHASE POWER SUPPLY CONTROLLER AND METHOD THEREFOR	11970326	1/7/2008	8183841	5/22/2012	Semiconductor Components Industries, LLC
1833.	DC-DC CONVERTER CONTROLLER HAVING OPTIMIZED LOAD TRANSIENT RESPONSE	12891277	9/27/2010	8183847	5/22/2012	Semiconductor Components Industries, LLC
1834.	ELECTRONIC SHUTTER CONTROL IN IMAGE SENSORS	12770806	4/30/2010	8184186	5/22/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1835.	CONTROLLING ELECTRONIC SHUTTER IN IMAGE SENSORS	12770826	4/30/2010	8184187	5/22/2012	Semiconductor Components Industries, LLC
1836.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12530829	9/11/2009	8187949	5/29/2012	Semiconductor Components Industries, LLC
1837.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12524521	7/24/2009	8188497	5/29/2012	Semiconductor Components Industries, LLC
1838.	MIXED-MODE CIRCUITS AND METHODS OF PRODUCING A REFERENCE CURRENT AND A REFERENCE VOLTAGE	12700329	2/4/2010	8188785	5/29/2012	Semiconductor Components Industries, LLC
1839.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE, METHOD FOR MANUFACTURING THE SAME, AND NONVOLATILE MEMORY ARRAY	12341209	12/22/2008	8189385	5/29/2012	Semiconductor Components Industries, LLC
1840.	FOCUS CONTROL CIRCUIT FOR ADJUSTING THE FOCUS BY MOVING A LENS	12797394	6/9/2010	8190014	5/29/2012	Semiconductor Components Industries, LLC
1841.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	12591491	11/20/2009	8193084	6/5/2012	Semiconductor Components Industries, LLC
1842.	CCD SENSORS WITH MULTIPLE CONTACT PATTERNS	12845825	7/29/2010	8193103	6/5/2012	Semiconductor Components Industries, LLC
1843.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570048	9/30/2009	8194164	6/5/2012	Semiconductor Components Industries, LLC
1844.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570027	9/30/2009	8194165	6/5/2012	Semiconductor Components Industries, LLC
1845.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12569974	9/30/2009	8194166	6/5/2012	Semiconductor Components Industries, LLC
1846.	MOTOR SPEED CONTROLLER	12691284	1/21/2010	8198844	6/12/2012	Semiconductor Components Industries, LLC
1847.	IMAGE STABILIZATION CONTROL CIRCUIT	12314988	12/19/2008	8199206	6/12/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1848.	ELECTRONIC SHUTTER CONTROL IN IMAGE SENSORS	12770818	4/30/2010	8199238	6/12/2012	Semiconductor Components Industries, LLC
1849.	PICTURE SIGNAL DETECTING APPARATUS	11812628	6/20/2007	8199260	6/12/2012	Semiconductor Components Industries, LLC
1850.	MONOLITHIC MULTI-CHANNEL ESD PROTECTION DEVICE	12651902	1/4/2010	8199447	6/12/2012	Semiconductor Components Industries, LLC
1851.	LIGHT-EMITTING ELEMENT DRIVING CIRCUIT	12557128	9/10/2009	8203524	6/19/2012	Semiconductor Components Industries, LLC
1852.	METHOD FOR CORRECTING IMAGE SENSOR CONTROL CIRCUITRY HAVING FAULTY OUTPUT VALUES AND STRUCTURE THEREFOR	12257312	10/23/2008	8203630	6/19/2012	Semiconductor Components Industries, LLC
1853.	ELECTRONIC SHUTTER CONTROL IN IMAGE SENSORS	12770811	4/30/2010	8203638	6/19/2012	Semiconductor Components Industries, LLC
1854.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	12065001	2/27/2008	8203848	6/19/2012	Semiconductor Components Industries, LLC
1855.	SYSTEMS AND METHODS FOR ADDRESSING AND SYNCHRONIZING MULTIPLE DEVICES	12785666	5/24/2010	8205017	6/19/2012	Semiconductor Components Industries, LLC
1856.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT THAT INCLUDES A FIELD PLATE	11931606	10/31/2007	8207037	6/26/2012	Semiconductor Components Industries, LLC
1857.	LOW-VOLTAGE OPERATION CONSTANT-VOLTAGE CIRCUIT	12540940	8/13/2009	8207787	6/26/2012	Semiconductor Components Industries, LLC
1858.	TEMPERATURE SENSOR CIRCUIT	12509094	7/24/2009	8210743	7/3/2012	Semiconductor Components Industries, LLC
1859.	IMAGE STABILIZATION CONTROL CIRCUIT FOR IMAGING APPARATUS	12335179	12/15/2008	8212879	7/3/2012	Semiconductor Components Industries, LLC
1860.	SYNC SEPARATION CIRCUIT	12249515	10/10/2008	8212925	7/3/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1861.	SEMICONDUCTOR DEVICE AND METHOD OF PROCESSING THE SAME	12236348	9/23/2008	8217486	7/10/2012	Semiconductor Components Industries, LLC
1862.	METHOD FOR REGULATING TEMPERATURE	12397444	3/4/2009	8217706	7/10/2012	Semiconductor Components Industries, LLC
1863.	MICROCOMPUTER INCLUDING REMOTE CONTROLLED LIGHT-RECEIVING DEVICE WITH POWER SUPPLY SWITCH	12888693	9/23/2010	8217714	7/10/2012	Semiconductor Components Industries, LLC
1864.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING AN INTEGRATED CIRCUIT WITH TRANSISTORS COUPLED TO EACH OTHER	12495250	6/30/2009	8222695	7/17/2012	Semiconductor Components Industries, LLC
1865.	LIGHT-EMITTING-ELEMENT DRIVING CIRCUIT	12842076	7/23/2010	8222838	7/17/2012	Semiconductor Components Industries, LLC
1866.	SWITCHED-CAPACITOR CIRCUIT HAVING A CAPACITOR ARRAY CIRCUIT, AND ANALOG-TO-DIGITAL CONVERTER USING SAID SWITCHED-CAPACITOR CIRCUIT	12825744	6/29/2010	8223058	7/17/2012	Semiconductor Components Industries, LLC
1867.	HORIZONTAL AND VERTICAL SYNCHRONIZATION SIGNAL GENERATING CIRCUIT	11698754	1/26/2007	8223265	7/17/2012	Semiconductor Components Industries, LLC
1868.	DATA COMMUNICATION DEVICE	12753472	4/2/2010	8224245	7/17/2012	Semiconductor Components Industries, LLC
1869.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12646173	12/23/2009	8227341	7/24/2012	Semiconductor Components Industries, LLC
1870.	MESA TYPE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12482674	6/11/2009	8227901	7/24/2012	Semiconductor Components Industries, LLC.
1871.	LIGHT-EMITTING-ELEMENT DRIVING CIRCUIT	12848396	8/2/2010	8228005	7/24/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1872.	STREAM DATA REPRODUCTION SYSTEM	11866303	10/2/2007	8229288	7/24/2012	Semiconductor Components Industries, LLC.
1873.	SEMICONDUCTOR DEVICE	12333418	12/12/2008	8232623	7/31/2012	Semiconductor Components Industries, LLC.
1874.	SEMICONDUCTOR DEVICE	12692341	1/22/2010	8237241	8/7/2012	Semiconductor Components Industries, LLC.
1875.	METHOD FOR DRIVING PIEZOELECTRIC ACTUATOR, PIEZOELECTRIC-ACTUATOR CONTROL CIRCUIT, AND IMAGESTABILIZATION CONTROL CIRCUIT	12754030	4/5/2010	8237327	8/7/2012	Semiconductor Components Industries, LLC.
1876.	LIQUID CRYSTAL DRIVING DEVICE	12402429	3/11/2009	8237649	8/7/2012	Semiconductor Components Industries, LLC.
1877.	DATA PROCESSING CIRCUIT AND DATA PROCESSING METHOD	11778947	7/17/2007	8238385	8/7/2012	Semiconductor Components Industries, LLC.
1878.	SEMICONDUCTOR DEVICE, SEMICONDUCTOR MODULE, METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE, AND LEAD FRAME	12904851	10/14/2010	8241958	8/14/2012	Semiconductor Components Industries, LLC.
1879.	TRENCH GATE TYPE TRANSISTOR	12447820	4/29/2009	8242557	8/14/2012	Semiconductor Components Industries, LLC.
1880.	VIBRATION PREVENTION CONTROL CIRCUIT OF IMAGING DEVICE	12341721	12/22/2008	8243151	8/14/2012	Semiconductor Components Industries, LLC.
1881.	CIRCUIT HAVING SAMPLE AND HOLD FEEDBACK CONTROL AND METHOD	12579014	10/14/2009	8248114	8/21/2012	Semiconductor Components Industries, LLC.
1882.	BODY RADIATION AND CONDUCTIVITY IN RF COMMUNICATION	12023187	1/31/2008	8248316	8/21/2012	Semiconductor Components Industries, LLC.
1883.	INSULATED GATE SEMICONDUCTOR DEVICE	12645942	12/23/2009	8253207	8/28/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1884.	METHOD AND APPARATUS OF PROVIDING 2-STAGE ESD PROTECTION FOR HIGH-SPEED INTERFACES	12180440	7/25/2008	8254071	8/28/2012	Semiconductor Components Industries, LLC.
1885.	NONVOLATILE SEMICONDUCTOR MEMORY	12770374	4/29/2010	8254171	8/28/2012	Semiconductor Components Industries, LLC.
1886.	METHOD AND APPARATUS FOR DETECTION AND CONTROL OF SPREAD SPECTRUM EMI REDUCTION	9950225	9/10/2001	8254430	8/28/2012	Semiconductor Components Industries, LLC.
1887.	SINGLE INSTRUCTION DECODE CIRCUIT FOR DECODING INSTRUCTION FROM MEMORY AND INSTRUCTIONS FROM AN INSTRUCTION GENERATION CIRCUIT	12128325	5/28/2008	8255672	8/28/2012	Semiconductor Components Industries, LLC.
1888.	MONITORING SYSTEM AND METHOD	12463862	5/11/2009	8258792	9/4/2012	Semiconductor Components Industries, LLC.
1889.	FM RECEIVER	12289142	10/21/2008	8260233	9/4/2012	Semiconductor Components Industries, LLC.
1890.	SYSTEMS AND METHODS FOR THE EFFICIENT COMPUTATION OF IMAGE TRANSFORMS	12489175	6/22/2009	8270763	9/18/2012	Semiconductor Components Industries, LLC.
1891.	COMMUNICATION SYSTEM AND RECEIVER USED IN COMMUNICATION SYSTEM	12484745	6/15/2009	8270902	9/18/2012	Semiconductor Components Industries, LLC.
1892.	CCD SENSORS WITH MULTIPLE CONTACT PATTERNS	12845791	7/29/2010	8274100	9/25/2012	Semiconductor Components Industries, LLC.
1893.	MOTOR DRIVING CIRCUIT	12649146	12/29/2009	8278852	10/2/2012	Semiconductor Components Industries, LLC.
1894.	POWER SUPPLY CONVERTER AND METHOD	12641173	12/17/2009	8278897	10/2/2012	Semiconductor Components Industries, LLC.
1895.	VARIABLE GAIN AMPLIFIER CIRCUIT	12909763	10/21/2010	8279002	10/2/2012	Semiconductor Components Industries, LLC.
1896.	CIRCUIT FOR DRIVING LIGHT-EMITTING ELEMENT, AND CELLULAR PHONE	12269588	11/12/2008	8279209	10/2/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1897.	IMAGE STABILIZATION CONTROL CIRCUIT	12684155	1/8/2010	8279292	10/2/2012	Semiconductor Components Industries, LLC.
1898.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570053	9/30/2009	8279316	10/2/2012	Semiconductor Components Industries, LLC.
1899.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570001	9/30/2009	8279317	10/2/2012	Semiconductor Components Industries, LLC.
1900.	AUDIO SIGNAL PROCESSING APPARATUS	12187576	8/7/2008	8280074	10/2/2012	Semiconductor Components Industries, LLC.
1901.	LIGHTING DEVICE AND METHOD OF MANUFACTURING THE SAME	12905855	10/15/2010	8283681	10/9/2012	Semiconductor Components Industries, LLC.
1902.	DRIVER CIRCUIT	12821547	6/23/2010	8283885	10/9/2012	Semiconductor Components Industries, LLC.
1903.	RECEIVING APPARATUS	12772674	5/3/2010	8285237	10/9/2012	Semiconductor Components Industries, LLC.
1904.	THINNED SEMICONDUCTOR WAFER AND METHOD OF THINNING A SEMICONDUCTOR WAFER	12206043	9/8/2008	8292690	10/23/2012	Semiconductor Components Industries, LLC.
1905.	CCD SENSORS WITH MULTIPLE CONTACT PATTERNS	12845796	7/29/2010	8293663	10/23/2012	Semiconductor Components Industries, LLC.
1906.	SWITCHING REGULATOR DEVICE AND METHOD WITH ADAPTIVE FREQUENCY FOLDBACK	12856376	8/13/2010	8294446	10/23/2012	Semiconductor Components Industries, LLC.
1907.	CCD IMAGE SENSORS HAVING MULTIPLE LATERAL OVERFLOW DRAIN REGIONS FOR A HORIZONTAL SHIFT REGISTER	12609029	10/30/2009	8294802	10/23/2012	Semiconductor Components Industries, LLC.
1908.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570008	9/30/2009	8294803	10/23/2012	Semiconductor Components Industries, LLC.
1909.	AUTO-FOCUSING TECHNIQUES BASED ON STATISTICAL BLUR ESTIMATION AND ASSOCIATED SYSTEMS AND METHODS	12535331	8/4/2009	8294811	10/23/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1910.	SEMICONDUCTOR DEVICE AND METHOD OF MONITORING BLOWING OF FUSE IN SEMICONDUCTOR DEVICE	12833546	7/9/2010	8298921	10/30/2012	Semiconductor Components Industries, LLC.
1911.	TRANSISTOR AND METHOD THEREOF	12651118	12/31/2009	8299528	10/30/2012	Semiconductor Components Industries, LLC.
1912.	METHOD FOR LIMITING CURRENT AND CIRCUIT THEREFOR	12269402	11/12/2008	8300374	10/30/2012	Semiconductor Components Industries, LLC.
1913.	METHOD OF FORMING AN MOS TRANSISTOR	12236718	9/24/2008	8304314	11/6/2012	Semiconductor Components Industries, LLC.
1914.	EDGE SEAL FOR A SEMICONDUCTOR DEVICE AND METHOD THEREFOR	12499241	7/8/2009	8304326	11/6/2012	Semiconductor Components Industries, LLC.
1915.	SEMICONDUCTOR DEVICE	12880764	9/13/2010	8304856	11/6/2012	Semiconductor Components Industries, LLC.
1916.	LIGHT-EMITTING DIODE DRIVER CIRCUIT AND LIGHTING APPARATUS	12840975	7/21/2010	8305001	11/6/2012	Semiconductor Components Industries, LLC.
1917.	LIGHT EMITTING ELEMENT CONTROL CIRCUIT	12200752	8/28/2008	8305006	11/6/2012	Semiconductor Components Industries, LLC.
1918.	COMMUNICATION CIRCUIT AND METHOD THEREFOR	11720860	6/5/2007	8306035	11/6/2012	Semiconductor Components Industries, LLC.
1919.	USE OF Z-ORDER DATA IN AN IMAGE SENSOR	12544837	8/20/2009	8306337	11/6/2012	Semiconductor Components Industries, LLC.
1920.	LOW CLAMP VOLTAGE ESD METHOD	12890878	9/27/2010	8309422	11/13/2012	Semiconductor Components Industries, LLC.
1921.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	12757238	4/9/2010	8310222	11/13/2012	Semiconductor Components Industries, LLC.
1922.	SUPPRESSION OF ROW-WISE NOISE IN CMOS IMAGE SENSORS	11795274	7/13/2007	8310569	11/13/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1923.	TV SIGNAL PROCESSING CIRCUIT	11946626	11/13/2012	8311123	11/28/2007	Semiconductor Components Industries, LLC.
1924.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12707734	2/18/2010	8314458	11/20/2012	Semiconductor Components Industries, LLC.
1925.	METHODS FOR CAPTURING AND READING OUT IMAGES FROM AN IMAGE SENSOR	12570014	9/30/2009	8314873	11/20/2012	Semiconductor Components Industries, LLC.
1926.	SEMICONDUCTOR INTEGRATED CIRCUIT WITH A RANDOM NUMBER GENERATION CIRCUIT WHEREIN THE RISE AND ALL TIMES ARE VARIABLY CONTROLLED	12248551	10/9/2008	8316069	11/20/2012	Semiconductor Components Industries, LLC.
1927.	SEMICONDUCTOR DEVICE WITH INSULATED GATE FORMED WITHIN GROOVED PORTION FORMED THEREIN	11965536	12/27/2007	8319281	11/27/2012	Semiconductor Components Industries, LLC.
1928.	MESA TYPE SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12481292	6/9/2009	8319317	11/27/2012	Semiconductor Components Industries, LLC.
1929.	ELECTRONIC PACKAGE HAVING DOWN-SET LEADS AND METHOD	11575204	9/22/2009	8319323	11/27/2012	Semiconductor Components Industries, LLC.
1930.	IMAGE STABILIZATION CONTROL CIRCUIT FOR CORRECTING VIBRATION-CAUSED DISPLACEMENT OF OPTICAL AXIS, AND IMAGE PICKUP APPARATUS PROVIDED WITH THE SAME	12332743	12/11/2008	8325243	12/4/2012	Semiconductor Components Industries, LLC.
1931.	DATA CHECK CIRCUIT FOR CHECKING PROGRAM DATA STORED IN MEMORY	12792656	6/2/2010	8327054	12/4/2012	Semiconductor Components Industries, LLC.
1932.	HIGH DENSITY PLANARIZED INDUCTOR AND METHOD OF MAKING THE SAME	11564241	11/28/2006	8327523	12/11/2012	Semiconductor Components Industries, LLC.
1933.	A METHOD OF FORMING LATERAL OVERFLOW DRAIN AND CHANNEL STOP REGIONS IN IMAGE SENSORS	12609296	10/30/2009	8329499	12/11/2012	Semiconductor Components Industries, LLC.
1934.	CONTROL CIRCUIT FOR LIGHT EMITTING DEVICE	12757197	4/9/2010	8330380	12/11/2012	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1935.	MOTOR DRIVE CIRCUIT	12710848	2/23/2010	8330406	12/11/2012	Semiconductor Components Industries, LLC.
1936.	TIRE PRESSURE MEASURING SYSTEM AND TIRE PRESSURE MEASURING DEVICE	12223262	8/5/2008	8330594	12/11/2012	Semiconductor Components Industries, LLC.
1937.	SEMICONDUCTOR INTEGRATED CIRCUIT HAVING A RANDOM NUMBER AND OSCILLATOR CIRCUIT FOR VARIABLY CONTROLLING STORED DATA	12248511	10/9/2008	8332448	12/11/2012	Semiconductor Components Industries, LLC.
1938.	HYBRID INTEGRATED CIRCUIT DEVICE AND MANUFACTURING METHOD THEREOF	12182519	7/30/2008	8338234	12/25/2012	Semiconductor Components Industries, LLC.
1939.	ELECTROLUMINESCENCE DISPLAY APPARATUS AND METHOD OF CORRECTING DISPLAY VARIATION FOR ELECTROLUMINESCENCE DISPLAY APPARATUS	11859158	9/21/2007	8339335	12/25/2012	Semiconductor Components Industries, LLC.
1940.	VIDEO SIGNAL PROCESSING INTEGRATED CIRCUIT	12122378	5/16/2008	8339460	12/25/2012	Semiconductor Components Industries, LLC.
1941.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS	13193722	7/29/2011	8339494	12/25/2012	Semiconductor Components Industries, LLC.
1942.	TRANSIENT VOLTAGE SUPPRESSOR AND METHOD	12113843	5/1/2008	8339758	12/25/2012	Semiconductor Components Industries, LLC.
1943.	INSULATED-GATE SEMICONDUCTOR DEVICE WITH PROTECTION DIODE	12711647	2/24/2010	8344457	1/1/2013	Semiconductor Components Industries, LLC.
1944.	MOTOR DRIVE CONTROL CIRCUIT	12893531	9/29/2010	8344672	1/1/2013	Semiconductor Components Industries, LLC.
1945.	RESET CIRCUIT OF HIGH VOLTAGE CIRCUIT	11939431	11/13/2007	8344766	1/1/2013	Semiconductor Components Industries, LLC.
1946.	SWITCHED CAPACITOR CIRCUIT	13193097	7/28/2011	8344796	1/1/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1947.	OBJECT DETECTION USING AN IN-SENSOR DETECTOR	12544842	8/20/2009	8345125	1/1/2013	Semiconductor Components Industries, LLC.
1948.	SYSTEMS AND METHODS FOR NOISE REDUCTION IN HIGH DYNAMIC RANGE IMAGING	12480970	6/9/2009	8346008	1/1/2013	Semiconductor Components Industries, LLC.
1949.	METHOD OF SENSING A HIGH VOLTAGE	12853528	8/10/2010	8349625	1/8/2013	Semiconductor Components Industries, LLC.
1950.	METHOD OF FORMING AN MOS TRANSISTOR AND STRUCTURE THEREFOR	11840826	8/17/2007	8350318	1/8/2013	Semiconductor Components Industries, LLC.
1951.	LIGHT-EMITTING ELEMENT DRIVING CIRCUIT	12639704	12/16/2009	8350483	1/8/2013	Semiconductor Components Industries, LLC.
1952.	DELAY CIRCUIT	12776906	5/10/2010	8350606	1/8/2013	Semiconductor Components Industries, LLC.
1953.	IMPEDANCE COMPENSATED ELECTROSTATIC DISCHARGE CIRCUIT FOR PROTECTION OF HIGH-SPEED INTERFACES AND METHOD OF USING THE SAME	12332159	12/10/2008	8351170	1/8/2013	Semiconductor Components Industries, LLC.
1954.	AUDIO SIGNAL PROCESSING CIRCUIT	12576598	10/9/2009	8352251	1/8/2013	Semiconductor Components Industries, LLC.
1955.	CONTACT STRUCTURE FOR SEMICONDUCTOR DEVICE HAVING TRENCH SHIELD ELECTRODE AND METHOD	12271030	11/14/2008	8362548	1/29/2013	Semiconductor Components Industries, LLC.
1956.	MESA SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12338686	12/18/2008	8362595	1/29/2013	Semiconductor Components Industries, LLC.
1957.	MESA SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12338694	12/18/2008	8368181	2/5/2013	Semiconductor Components Industries, LLC.
1958.	MOTOR DRIVING CIRCUIT	13033387	2/23/2011	8368332	2/5/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1959.	CIRCUIT DEVICE	12568491	9/28/2009	8373197	2/12/2013	Semiconductor Components Industries, LLC.
1960.	SEMICONDUCTOR DEVICE COMPRISING STACK OF PN JUNCTION DIODE AND SCHOTTKY BARRIER DIODE	12816499	6/16/2010	8373246	2/12/2013	Semiconductor Components Industries, LLC.
1961.	SEMICONDUCTOR DEVICE HAVING STACKED DICE DISPOSED ON BASE SUBSTRATE	12048861	3/14/2008	8373278	2/12/2013	Semiconductor Components Industries, LLC.
1962.	DRIVING CIRCUIT OF STEPPING MOTOR	12928745	12/17/2010	8373377	2/12/2013	Semiconductor Components Industries, LLC.
1963.	AMPLIFIER CIRCUIT OF CAPACITOR MICROPHONE	12728643	3/22/2010	8374363	2/12/2013	Semiconductor Components Industries, LLC.
1964.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13050345	3/17/2011	8377808	2/19/2013	Semiconductor Components Industries, LLC.
1965.	POWER FACTOR CONVERTER AND METHOD	12639580	12/16/2009	8378584	2/19/2013	Semiconductor Components Industries, LLC.
1966.	MOTOR CONTROL CIRCUIT	12570488	9/30/2009	8379358	2/19/2013	Semiconductor Components Industries, LLC.
1967.	METHOD OF FORMING A SEMICONDUCTOR DIE	12689126	1/18/2010	8384231	2/26/2013	Semiconductor Components Industries, LLC.
1968.	REGULATED CHARGE PUMP AND METHOD THEREFOR	11916508	12/4/2007	8384306	2/26/2013	Semiconductor Components Industries, LLC.
1969.	MOTOR DRIVE CIRCUIT	13010506	1/20/2011	8384324	2/26/2013	Semiconductor Components Industries, LLC.
1970.	LOW-IF TRANSCEIVER ARCHITECTURE	12209774	9/12/2008	8385841	2/26/2013	Semiconductor Components Industries, LLC.
1971.	LIGHT-EMITTING ELEMENT DRIVING CONTROL CIRCUIT	12565476	9/23/2009	8390212	3/5/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1972.	GROUND FAULT CIRCUIT INTERRUPTER AND METHOD	12572870	10/2/2009	8390297	3/5/2013	Semiconductor Components Industries, LLC.
1973.	DMOS TRANSISTOR AND METHOD OF MANUFACTURING THE SAME	12680012	3/25/2010	8395210	3/12/2013	Semiconductor Components Industries, LLC.
1974.	SWITCHING CONTROL CIRCUIT AND SWITCHING POWER SUPPLY CIRCUIT	13168564	6/24/2011	8395423	3/12/2013	Semiconductor Components Industries, LLC.
1975.	SEMICONDUCTOR DEVICE ATTACHED TO ISLAND HAVING PROTRUSION	13171944	6/29/2011	8399970	3/19/2013	Semiconductor Components Industries, LLC.
1976.	PULSE PERIOD MEASUREMENT METHOD	12690989	1/21/2010	8400097	3/19/2013	Semiconductor Components Industries, LLC.
1977.	FLOATING-GATE PROGRAMMABLE LOW-DROPOUT REGULATOR AND METHOD THEREFOR	12760150	4/14/2010	8400126	3/19/2013	Semiconductor Components Industries, LLC.
1978.	IMAGE STABILIZATION CONTROL CIRCUIT AND IMAGING DEVICE HAVING IMAGE STABILIZATION CONTROL CIRCUIT	12327293	12/3/2008	8400516	3/19/2013	Semiconductor Components Industries, LLC.
1979.	NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME	12974864	12/21/2010	8410537	4/2/2013	Semiconductor Components Industries, LLC.
1980.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12486062	6/17/2009	8410557	4/2/2013	Semiconductor Components Industries, LLC.
1981.	SEMICONDUCTOR DEVICE	12103857	4/16/2008	8410577	4/2/2013	Semiconductor Components Industries, LLC.
1982.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE	12962579	12/7/2010	8410578	4/2/2013	Semiconductor Components Industries, LLC.
1983.	MULTI-PURPOSE ARCHITECTURE FOR CCD IMAGE SENSORS	13115242	5/25/2011	8411189	4/2/2013	Semiconductor Components Industries, LLC.
1984.	AUTOMATIC GAIN CONTROL CIRCUIT IN VIDEO SIGNAL PROCESSING DEVICE	12249528	10/10/2008	8411202	4/2/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1985.	IDENTIFICATION OF DIES ON A SEMICONDUCTOR WAFER	13160901	6/15/2011	8415175	4/9/2013	Semiconductor Components Industries, LLC.
1986.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12271106	11/14/2008	8415739	4/9/2013	Semiconductor Components Industries, LLC.
1987.	IDENTIFICATION OF DIES ON A SEMICONDUCTOR WAFER	13160885	6/15/2011	8415813	4/9/2013	Semiconductor Components Industries, LLC.
1988.	SWITCHING CONTROL CIRCUIT	12639769	12/16/2009	8415932	4/9/2013	Semiconductor Components Industries, LLC.
1989.	CLOCK DRIVER FOR A CAPACITANCE CLOCK INPUT	13043809	3/9/2011	8415988	4/9/2013	Semiconductor Components Industries, LLC.
1990.	METHOD FOR PROVIDING OVER-VOLTAGE PROTECTION AND CIRCUIT THEREFOR	12863412	7/16/2010	8416549	4/9/2013	Semiconductor Components Industries, LLC.
1991.	DRIVING CIRCUIT FOR STEPPING MOTOR	13630922	9/28/2012	8416664	4/9/2013	Semiconductor Components Industries, LLC.
1992.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13159949	6/14/2011	8421117	4/16/2013	Semiconductor Components Industries, LLC.
1993.	INSULATED GATE BIPOLAR TRANSISTOR	12732685	3/26/2010	8426944	4/23/2013	Semiconductor Components Industries, LLC.
1994.	MESA TYPE SEMICONDUCTOR DEVICE	12354620	1/15/2009	8426949	4/23/2013	Semiconductor Components Industries, LLC.
1995.	POWER AMPLIFIER	12186797	8/6/2008	8427804	4/23/2013	Semiconductor Components Industries, LLC.
1996.	OPTICAL PICKUP APPARATUS, INTEGRATED CIRCUIT, AND METHOD FOR CONTROLLING LASER OUTPUT OF OPTICAL PICKUP APPARATUS	13422242	3/16/2012	8427917	4/23/2013	Semiconductor Components Industries, LLC.
1997.	METHOD OF FORMING AN ESD PROTECTION DEVICE AND STRUCTURE THEREFOR	12907633	10/19/2010	8431959	4/30/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
1998.	INSULATED GATE SEMICONDUCTOR DEVICE	12692777	1/25/2010	8431998	4/30/2013	Semiconductor Components Industries, LLC.
1999.	MOTOR DRIVE CIRCUIT	13234929	9/16/2011	8432115	4/30/2013	Semiconductor Components Industries, LLC.
2000.	METAL CORE CIRCUIT ELEMENT MOUNTING BOARD	12516769	5/28/2009	8436250	5/7/2013	Semiconductor Components Industries, LLC.
2001.	SEMICONDUCTOR INTEGRATED CIRCUIT	13156681	6/9/2011	8436352	5/7/2013	Semiconductor Components Industries, LLC.
2002.	SIGNAL PROCESSING CIRCUIT FOR A CAPACITIVE TOUCH PANEL CAPABLE OF SWITCHING BETWEEN A DIFFERENTIALINPUT SENSOR CIRCUIT AND A SINGLE-INPUT SENSOR CIRCUIT	12948180	11/17/2010	8441462	5/14/2013	Semiconductor Components Industries, LLC.
2003.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT	12569732	9/29/2009	8445375	5/21/2013	Semiconductor Components Industries, LLC.
2004.	SEMICONDUCTOR DEVICE AND METHOD OF FORMING SAME FOR TEMPERATURE COMPENSATING ACTIVE RESISTANCE	13305530	11/28/2011	8446209	5/21/2013	Semiconductor Components Industries, LLC.
2005.	AUDIO SIGNAL PROCESSING CIRCUIT	12569499	9/29/2009	8447251	5/21/2013	Semiconductor Components Industries, LLC.
2006.	COMPOUND SEMICONDUCTOR SWITCH CIRCUIT DEVICE	11314178	12/22/2005	8450805	5/28/2013	Semiconductor Components Industries, LLC.
2007.	BIDIRECTIONAL SWITCH	13188059	7/21/2011	8450810	5/28/2013	Semiconductor Components Industries, LLC.
2008.	CIRCUIT DEVICE HAVING AN IMPROVED HEAT DISSIPITATION, AND THE METHOD OF MANUFACTURING THE SAME	13240870	9/22/2011	8450837	5/28/2013	Semiconductor Components Industries, LLC.
2009.	METHOD OF FORMING A CONTROL CIRCUIT AND DEVICE	12367667	2/9/2009	8450964	5/28/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2010.	IMAGE STABILIZATION CONTROL CIRCUIT	12164876	6/30/2008	8451337	5/28/2013	Semiconductor Components Industries, LLC.
2011.	FRAME RATE CONVERTER AND DISPLAY APPARATUS EQUIPPED THEREWITH	12847613	7/30/2010	8451373	5/28/2013	Semiconductor Components Industries, LLC.
2012.	COMMUNICATION SYSTEM AND RECEIVER USED IN COMMUNICATION SYSTEM	12484817	6/15/2009	8452234	5/28/2013	Semiconductor Components Industries, LLC.
2013.	H BRIDGE DRIVER CIRCUIT	13533638	6/26/2012	8456219	6/4/2013	Semiconductor Components Industries, LLC.
2014.	SEMICONDUCTOR DEVICE WITH SILICON CAPACITOR	12755663	4/7/2010	8461663	6/11/2013	Semiconductor Components Industries, LLC.
2015.	MOTOR DRIVE CIRCUIT FOR DRIVING A SYNCHRONOUS MOTOR	12976305	12/22/2010	8461796	6/11/2013	Semiconductor Components Industries, LLC.
2016.	SEMICONDUCTOR DEVICE WITH ENHANCED MOBILITY AND METHOD	13159255	6/13/2011	8466513	6/18/2013	Semiconductor Components Industries, LLC.
2017.	OPTICAL BLACK PIXEL CELL READOUT SYSTEMS AND METHODS	12838705	7/19/2010	8466991	6/18/2013	Semiconductor Components Industries, LLC.
2018.	FILTER COEFFICIENT SETTING DEVICE AND ECHO PREVENTION DEVICE	11968605	1/2/2008	8467544	6/18/2013	Semiconductor Components Industries, LLC.
2019.	METHOD OF MAKING AN INSULATED GATE SEMICONDUCTOR DEVICE WITH SOURCE-SUBSTRATE CONNECTION AND STRUCTURE	13210238	8/15/2011	8471331	6/25/2013	Semiconductor Components Industries, LLC.
2020.	ACTIVE PIXEL WITH PRECHARGING CIRCUIT	12284491	9/22/2008	8476567	7/2/2013	Semiconductor Components Industries, LLC.
2021.	DRIVE CIRCUIT	13239554	9/22/2011	8476850	7/2/2013	Semiconductor Components Industries, LLC.
2022.	METHOD OF PRODUCING AN IMAGE SENSOR HAVING MULTIPLE OUTPUT CHANNELS	12967341	12/14/2010	8479374	7/9/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2023.	CCD SENSORS WITH MULTIPLE CONTACT PATTERNS	12845837	7/29/2010	8481358	7/9/2013	Semiconductor Components Industries, LLC.
2024.	METHOD OF MANUFACTURING CIRCUIT DEVICE	13189155	7/22/2011	8481367	7/9/2013	Semiconductor Components Industries, LLC.
2025.	DRIVING APPARATUS, OPTICAL APPARATUS, AND DRIVING SIGNAL CONTROL CIRCUIT	12754271	4/5/2010	8482182	7/9/2013	Semiconductor Components Industries, LLC and Fujifilm Corporation
2026.	MOTOR DRIVE CIRCUIT	13215652	8/23/2011	8482232	7/9/2013	Semiconductor Components Industries, LLC.
2027.	LOOP GAIN ADJUSTING CIRCUIT	13152846	6/3/2011	8482239	7/9/2013	Semiconductor Components Industries, LLC.
2028.	CURRENT DETECTION CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT	13032357	2/22/2011	8482320	7/9/2013	Semiconductor Components Industries, LLC.
2029.	IMAGE STABILIZATION CONTROL CIRCUIT FOR IMAGING APPARATUS	12334928	12/15/2008	8482621	7/9/2013	Semiconductor Components Industries, LLC.
2030.	IMAGE SIGNAL PROCESSING APPARATUS FOR CONVERTING AN INTERLACE SIGNAL TO A PROGRESSIVE SIGNAL	11687736	3/19/2007	8488060	7/16/2013	Semiconductor Components Industries, LLC.
2031.	OVERCURRENT PROTECTION CIRCUIT AND METHOD OF PROTECTING POWER SUPPLY CIRCUIT	12791402	6/1/2010	8488287	7/16/2013	Semiconductor Components Industries, LLC.
2032.	METHOD OF INSPECTING DEFECT FOR ELECTROLUMINESCENCE DISPLAY APPARATUS, DEFECT INSPECTION APPARATUS, AND METHOD OF MANUFACTURING ELECTROLUMINESCENCE DISPLAY APPARATUS USING DEFECT INSPECTION METHOD AND APPARATUS	11849825	9/4/2007	8493296	7/23/2013	Semiconductor Components Industries, LLC.
2033.	METHODS FOR PROCESSING AN IMAGE CAPTURED BY AN IMAGE SENSOR HAVING MULTIPLE OUTPUT CHANNELS	12967311	12/14/2010	8493491	7/23/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2034.	METHOD OF PRODUCING AN IMAGE WITH PIXEL SIGNALS PRODUCED BY AN IMAGE SENSOR THAT INCLUDES MULTIPLE OUTPUT CHANNELS	12967326	12/14/2010	8493492	7/23/2013	Semiconductor Components Industries, LLC.
2035.	DRIVER CIRCUIT FOR DRIVING A STEPPING MOTOR	12695555	1/28/2010	8497653	7/30/2013	Semiconductor Components Industries, LLC.
2036.	OFFSET CORRECTION CIRCUIT	13364488	2/2/2012	8497733	7/30/2013	Semiconductor Components Industries, LLC.
2037.	SPEECH SIGNAL PROCESSING APPARATUS	12693950	1/26/2010	8498862	7/30/2013	Semiconductor Components Industries, LLC.
2038.	FLIP CHIP STRUCTURE AND METHOD OF MANUFACTURE	11858289	9/20/2007	8501612	8/6/2013	Semiconductor Components Industries, LLC.
2039.	SEMICONDUCTOR DIODE AND METHOD OF MANUFACTURE	13109906	5/17/2011	8502336	8/6/2013	Semiconductor Components Industries, LLC.
2040.	RESIN SEALING TYPE SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME, AND RESIN SEALING TYPE ELECTRONIC DEVICE	12549152	8/27/2009	8502360	8/6/2013	Semiconductor Components Industries, LLC.
2041.	OFFSET CANCELLING CIRCUIT	12795779	6/8/2010	8502530	8/6/2013	Semiconductor Components Industries, LLC.
2042.	RECEIVING APPARATUS FOR RECEIVING SIGNALS THROUGH ADAPTIVE ARRAY ANTENNA	12787179	5/25/2010	8503590	8/6/2013	Semiconductor Components Industries, LLC.
2043.	SEMICONDUCTOR DEVICE	13205314	8/8/2011	8507994	8/13/2013	Semiconductor Components Industries, LLC.
2044.	DRIVER CIRCUIT	12883739	9/16/2010	8508175	8/13/2013	Semiconductor Components Industries, LLC.
2045.	POWER SUPPLY CIRCUIT USING AMPLIFIERS AND CURRENT VOLTAGE CONVERTER FOR IMPROVING RIPPLE REMOVAL RATE AND DIFFERENTIAL BALANCE	12778626	5/12/2010	8508200	8/13/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2046.	SEMICONDUCTOR DEVICE	13016481	1/28/2011	8513716	8/20/2013	Semiconductor Components Industries, LLC.
2047.	SYSTEMS AND METHODS FOR ADAPTIVE CONTROL AND DYNAMIC RANGE EXTENSION OF IMAGE SENSORS	12816575	6/16/2010	8514322	8/20/2013	Semiconductor Components Industries, LLC.
2048.	PLL CIRCUIT, AND RADIO COMMUNICATION APPARATUS EQUIPPED WITH SAME	13381608	12/29/2011	8515374	8/20/2013	Semiconductor Components Industries, LLC.
2049.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13013263	1/25/2011	8519645	8/27/2013	Semiconductor Components Industries, LLC.
2050.	FRAME INTERPOLATION APPARATUS	13194395	7/29/2011	8520142	8/27/2013	Semiconductor Components Industries, LLC.
2051.	SEMICONDUCTOR DEVICE	12787052	5/25/2010	8525259	9/3/2013	Semiconductor Components Industries, LLC.
2052.	SIGNAL PROCESSING DEVICE OF TOUCH PANEL	12652334	1/5/2010	8525810	9/3/2013	Semiconductor Components Industries, LLC.
2053.	PROCESS FOR FORMING AN ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY STRUCTURE HAVING AN ANTIFUSE COMPONENT	13232568	9/14/2011	8530283	9/10/2013	Semiconductor Components Industries, LLC.
2054.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A GATE ELECTRODE AND A GATE TAP	13160133	6/14/2011	8530304	9/10/2013	Semiconductor Components Industries, LLC.
2055.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13107059	5/13/2011	8531139	9/10/2013	Semiconductor Components Industries, LLC.
2056.	POWER SUPPLY CIRCUIT	13109113	5/17/2011	8536843	9/17/2013	Semiconductor Components Industries, LLC.
2057.	ELECTRONIC DEVICE INCLUDING A TRENCH WITH A FACET AND A CONDUCTIVE STRUCTURE THEREIN AND A PROCESS OF FORMING THE SAME	13327454	12/15/2011	8541302	9/24/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2058.	LASER LIGHT DETECTION CIRCUIT	13087101	4/14/2011	8541733	9/24/2013	Semiconductor Components Industries, LLC.
2059.	ELECTROLUMINESCENCE DISPLAY APPARATUS WITH VIDEO SIGNAL REWRITING	11959663	12/19/2007	8542166	9/24/2013	Semiconductor Components Industries, LLC.
2060.	VIBRATION CORRECTION CONTROL CIRCUIT FOR CORRECTING DISPLACEMENT OF AN OPTICAL AXIS DUE TO VIBRATION INCLUDING CAMERA SHAKE AND IMAGE PICKUP APPARATUS EQUIPPED THEREWITH	12936106	12/29/2010	8542282	9/24/2013	Semiconductor Components Industries, LLC.
2061.	SEMICONDUCTOR DEVICE	11861829	9/26/2007	8546877	10/1/2013	Semiconductor Components Industries, LLC.
2062.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13013234	1/25/2011	8547048	10/1/2013	Semiconductor Components Industries, LLC.
2063.	NOISE SUPPRESSION APPARATUS	12205082	9/5/2008	8548413	10/1/2013	Semiconductor Components Industries, LLC.
2064.	SEMICONDUCTOR DEVICE	11862585	9/27/2007	8552469	10/8/2013	Semiconductor Components Industries, LLC.
2065.	TRENCH SHIELDING STRUCTURE FOR SEMICONDUCTOR DEVICE AND METHOD	12271068	11/14/2008	8552535	10/8/2013	Semiconductor Components Industries, LLC.
2066.	CAPACITANCE DISCRIMINATION CIRCUIT AND TOUCH SWITCH EQUIPPED WITH THE SAME	12976182	12/22/2010	8552747	10/8/2013	Semiconductor Components Industries, LLC.
2067.	SEMICONDUCTOR DEVICE AND IMAGING CAPTURING APPARATUS	12323755	11/26/2008	8553098	10/8/2013	Semiconductor Components Industries, LLC.
2068.	IMAGE SENSOR WITH CHARGE MULTIPLICATION	12967299	12/14/2010	8553126	10/8/2013	Semiconductor Components Industries, LLC.
2069.	CIRCUIT FOR DRIVING LIGHT-EMITTING ELEMENT, AND CELLULAR PHONE	12269566	11/12/2008	8554279	10/8/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2070.	SEMICONDUCTOR DEVICE WITH DIFFUSED MOS TRANSISTOR AND MANUFACTURING METHOD OF THE SAME	11958531	12/18/2007	8558307	10/15/2013	Semiconductor Components Industries, LLC.
2071.	SENSOR CIRCUIT	13196556	8/2/2011	8558532	10/15/2013	Semiconductor Components Industries, LLC.
2072.	VIBRATION COMPENSATION CIRCUIT AND IMAGING DEVICE INCLUDING THE SAME	12935874	9/30/2010	8558901	10/15/2013	Semiconductor Components Industries, LLC.
2073.	DEVICE AND METHOD FOR DETERMINING CAPACITANCE AS A FUNCTION OF VOLTAGE	12941632	11/8/2010	8564301	10/22/2013	Semiconductor Components Industries, LLC.
2074.	SEMICONDUCTOR DEVICE WITH ANTI-SHAKE CONTROL FUNCTION	12323884	11/26/2008	8564676	10/22/2013	Semiconductor Components Industries, LLC.
2075.	LINEAR IMAGE SENSOR WITH MULTIPLE OUTPUTS	13044585	3/10/2011	8564707	10/22/2013	Semiconductor Components Industries, LLC.
2076.	CONTROL CIRCUIT OF LIGHT-EMITTING ELEMENT	13096652	4/28/2011	8569964	10/29/2013	Semiconductor Components Industries, LLC.
2077.	OFFSET-COMPENSATED ACTIVE LOAD AND METHOD	13469416	5/11/2012	8570095	10/29/2013	Semiconductor Components Industries, LLC.
2078.	IMAGE STABILIZATION CONTROL CIRCUIT AND IMAGING DEVICE HAVING IMAGE STABILIZATION CONTROL CIRCUIT	12327235	12/3/2008	8570385	10/29/2013	Semiconductor Components Industries, LLC.
2079.	METHOD OF MARKING A LOW PROFILE PACKAGED SEMICONDUCTOR DEVICE	10548563	9/9/2005	8574961	11/5/2013	Semiconductor Components Industries, LLC.
2080.	CONTROL CIRCUIT OF LIGHT-EMITTING ELEMENT	13092746	4/22/2011	8575847	11/5/2013	Semiconductor Components Industries, LLC.
2081.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND LEADFRAME THEREFOR	13327032	12/15/2011	8581416	11/12/2013	Semiconductor Components Industries, LLC.
2082.	METHOD OF FORMING AN LED CONTROL CIRCUIT AND STRUCTURE THEREFOR	13462335	5/2/2012	8581503	11/12/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2083.	SYSTEMS AND METHODS FOR PRESENCE DETECTION	12775139	5/6/2010	8581974	11/12/2013	Semiconductor Components Industries, LLC.
2084.	VIBRATION CORRECTION CONTROL CIRCUIT FOR CORRECTING DISPLACEMENT OF AN OPTICAL AXIS DUE TO VIBRATION INCLUDING CAMERA SHAKE AND IMAGE PICKUP APPARATUS EQUIPPED THEREWITH	12936116	12/29/2010	8587674	11/19/2013	Semiconductor Components Industries, LLC.
2085.	SYSTEMS AND METHODS FOR IMAGE RESTORATION	12628604	12/1/2009	8587703	11/19/2013	Semiconductor Components Industries, LLC.
2086.	ELECTRONIC DEVICE INCLUDING A TAPERED TRENCH AND A CONDUCTIVE STRUCTURE THEREIN AND A PROCESS OF FORMING THE SAME	13327422	12/15/2011	8592279	11/26/2013	Semiconductor Components Industries, LLC.
2087.	MOTOR DRIVE CIRCUIT	13091229	4/21/2011	8593100	11/26/2013	Semiconductor Components Industries, LLC.
2088.	VIBRATION CORRECTION CONTROL CIRCUIT FOR CORRECTING DISPLACEMENT OF AN OPTICAL AXIS DUE TO VIBRATION INCLUDING CAMERA SHAKE AND IMAGE PICKUP APPARATUS EQUIPPED THEREWITH	12936127	12/3/2010	8593529	11/26/2013	Semiconductor Components Industries, LLC.
2089.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12575687	10/8/2009	8598720	12/3/2013	Semiconductor Components Industries, LLC.
2090.	MOTOR DRIVE CIRCUIT	13191972	7/27/2011	8598824	12/3/2013	Semiconductor Components Industries, LLC.
2091.	AMPLIFIER CIRCUIT OF CAPACITOR MICROPHONE	12753510	4/2/2010	8600079	12/3/2013	Semiconductor Components Industries, LLC.
2092.	LIGHT-EMITTING ELEMENT DRIVING CIRCUIT SYSTEM	12942339	11/9/2010	8604719	12/10/2013	Semiconductor Components Industries, LLC.
2093.	MOTOR DRIVE CIRCUIT FOR ROTATING A ROTOR BY SUPPLYING THE CURRENTS TO TWO COILS	12978958	12/27/2010	8604744	12/10/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2094.	CCD IMAGE SENSORS HAVING MULTIPLE LATERAL OVERFLOW DRAIN REGIONS FOR A HORIZONTAL SHIFT REGISTER	12475825	6/1/2009	8605187	12/10/2013	Semiconductor Components Industries, LLC.
2095.	LEAD FRAME AND METHOD FOR MANUFACTURING CIRCUIT DEVICE USING THE SAME	12415423	3/31/2009	8609467	12/17/2013	Semiconductor Components Industries, LLC.
2096.	METHOD FOR PRODUCING A LINEAR IMAGE SENSOR HAVING MULTIPLE OUTPUTS	12971743	12/17/2010	8610044	12/17/2013	Semiconductor Components Industries, LLC.
2097.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13117498	5/27/2011	8610168	12/17/2013	Semiconductor Components Industries, LLC.
2098.	LASER PROCESSING METHOD AND SEMICONDUCTOR DEVICE OBTAINED BY USING THE PROCESSING METHOD	13187883	7/21/2011	8610294	12/17/2013	Semiconductor Components Industries, LLC.
2099.	CIRCUIT DEVICE	13188707	7/22/2011	8614397	12/24/2013	Semiconductor Components Industries, LLC.
2100.	SEMICONDUCTOR DEVICE	13612224	9/12/2012	8618584	12/31/2013	Semiconductor Components Industries, LLC.
2101.	MOTOR DRIVE CIRCUIT	12690993	1/21/2010	8618763	12/31/2013	Semiconductor Components Industries, LLC.
2102.	ELECTROSTATIC CAPACITY TYPE TOUCH SENSOR	13029701	2/17/2011	8618818	12/31/2013	Semiconductor Components Industries, LLC.
2103.	SWITCHING DEVICE CONTROL CIRCUIT	13219013	8/26/2011	8618845	12/31/2013	Semiconductor Components Industries, LLC.
2104.	SIGNAL PROCESSING CIRCUIT FOR ELECTROSTATIC CAPACITOR TYPE TOUCH SENSOR	12794349	6/4/2010	8619057	12/31/2013	Semiconductor Components Industries, LLC.
2105.	ELECTROSTATIC CAPACITY TYPE TOUCH SENSOR FOR DETECTING A LARGE NUMBER OF TOUCH POSITIONS WITH A SMALL NUMBER OF DETECTION ELECTRODES	13175277	7/1/2011	8619058	12/31/2013	Semiconductor Components Industries, LLC.
2106.	RECEIVING APPARATUS	12972281	12/17/2010	8619997	12/31/2013	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2107.	SEMICONDUCTOR INTEGRATED CIRCUIT	13711169	12/11/2012	8624242	1/7/2014	Semiconductor Components Industries, LLC.
2108.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	13189121	7/22/2011	8624408	1/7/2014	Semiconductor Components Industries, LLC.
2109.	INTERLEAVED NOISE REDUCTION CIRCUIT AND METHOD	13330670	12/19/2011	8624666	1/7/2014	Semiconductor Components Industries, LLC.
2110.	METHOD FOR MANUFACTURING AN ENERGY STORAGE DEVICE AND STRUCTURE THEREFOR	12108361	4/23/2008	8629488	1/14/2014	Semiconductor Components Industries, LLC.
2111.	SEMICONDUCTOR DEVICE USED FOR ADJUSTMENT OF OUTPUT OF A HALL ELEMENT	13215584	8/23/2011	8629521	1/14/2014	Semiconductor Components Industries, LLC.
2112.	MEMORY DEVICE	13029892	2/17/2011	8630133	1/14/2014	Semiconductor Components Industries, LLC.
2113.	METHOD OF PRODUCING SEMICONDUCTOR DEVICE PACKAGING HAVING CHIPS ATTACHED TO ISLANDS SEPARATELY AND COVERED BY ENCAPSULATION MATERIAL	13203447	8/25/2011	8633511	1/21/2014	Semiconductor Components Industries, LLC.
2114.	LIGHT-EMITTING ELEMENT DRIVE CIRCUIT SYSTEM, AND ELECTRONIC DEVICE	12941209	11/8/2010	8638041	1/28/2014	Semiconductor Components Industries, LLC.
2115.	METHOD OF MAKING AN INSULATED GATE SEMICONDUCTOR DEVICE AND STRUCTURE	13482920	5/29/2012	8642425	2/4/2014	Semiconductor Components Industries, LLC.
2116.	POWER SUPPLY CONTROLLER AND METHOD	12614532	11/9/2009	8643349	2/4/2014	Semiconductor Components Industries, LLC.
2117.	METHOD FOR GENERATING A SIGNAL AND STRUCTURE THEREFOR	13022295	2/7/2011	8643355	2/4/2014	Semiconductor Components Industries, LLC.
2118.	ELECTRO-MAGNETIC INTERFERENCE REDUCTION USING OPPOSING FIELD TRANSMITTER	13020443	2/3/2011	8643446	2/4/2014	Semiconductor Components Industries, LLC.
2119.	CIRCUIT AND ELECTRONIC MODULE FOR AUTOMATIC ADDRESSING	13226025	9/6/2011	8645580	2/4/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2120.	ELECTRONIC DEVICE COMPRISING CONDUCTIVE STRUCTURES AND AN INSULATING LAYER BETWEEN THE CONDUCTIVE STRUCTURES AND WITHIN A TRENCH	13327390	12/15/2011	8647970	2/11/2014	Semiconductor Components Industries, LLC.
2121.	TRENCH POWER FIELD EFFECT TRANSISTOR DEVICE AND METHOD	13487479	6/4/2012	8648412	2/11/2014	Semiconductor Components Industries, LLC.
2122.	RESIN MOLDED SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	13176118	7/5/2011	8648452	2/11/2014	Semiconductor Components Industries, LLC.
2123.	DRIVE CONTROL SIGNAL GENERATING CIRCUIT	13247050	9/28/2011	8648557	2/11/2014	Semiconductor Components Industries, LLC.
2124.	DETECTOR CIRCUIT AND METHOD	13194455	7/29/2011	8648631	2/11/2014	Semiconductor Components Industries, LLC.
2125.	SEMICONDUCTOR DEVICE AND METHOD OF FORMING SAME FOR ESD PROTECTION	13277862	10/20/2011	8649137	2/11/2014	Semiconductor Components Industries, LLC.
2126.	METHOD OF FORMING AN OVER-VOLTAGE PROTECTION CIRCUIT AND STRUCTURE THEREFOR	11671034	2/5/2007	8649144	2/11/2014	Semiconductor Components Industries, LLC.
2127.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13092633	4/22/2011	8653529	2/18/2014	Semiconductor Components Industries, LLC.
2128.	SEMICONDUCTOR DEVICE	12438879	4/2/2009	8653612	2/18/2014	Semiconductor Components Industries, LLC.
2129.	RESET CIRCUIT	12893755	9/29/2010	8653864	2/18/2014	Semiconductor Components Industries, LLC.
2130.	PWM SIGNAL OUTPUT CIRCUIT	13617771	9/14/2012	8653870	2/18/2014	Semiconductor Components Industries, LLC.
2131.	PROTECTION CIRCUIT AND INPUT/OUTPUT CIRCUIT	13436439	3/30/2012	8654493	2/18/2014	Semiconductor Components Industries, LLC.
2132.	METHOD OF FABRICATING A CIRCUIT APPARATUS	12563849	9/21/2009	8656581	2/25/2014	Semiconductor Components Industries, LLC and Sanyo Electric Co., Ltd.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2133.	METHOD AND APPARATUS FOR DETECTING HOLD CONDITION ON AN ACOUSTIC TOUCH SURFACE	12780033	5/14/2010	8659579	2/25/2014	Semiconductor Compondents Industries LLC and Elo Touch Solutions, Inc.
2134.	IMAGE STABILIZATION CIRCUIT WITH HIGH PASS FILTER	12764412	4/21/2010	8659669	2/25/2014	Semiconductor Components Industries, LLC.
2135.	SEMICONDUCTOR DIE SINGULATION METHOD	13589985	8/20/2012	8664089	3/4/2014	Semiconductor Components Industries, LLC.
2136.	REMAINING BATTERY POWER CALCULATION CIRCUIT	13226050	9/6/2011	8664919	3/4/2014	Semiconductor Components Industries, LLC.
2137.	VIDEO INFORMATION PROCESSING APPARATUS AND RECORDING MEDIUM HAVING PROGRAM RECORDED THEREIN	12848874	8/2/2010	8665377	3/4/2014	Semiconductor Components Industries, LLC.
2138.	MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE	11802107	5/18/2007	8669183	3/11/2014	Semiconductor Components Industries, LLC.
2139.	REMOTE CONTROL SIGNAL RECEIVING CIRCUIT	12837163	7/15/2010	8670677	3/11/2014	Semiconductor Components Industries, LLC.
2140.	PUMPED PINNED PHOTODIODE PIXEL ARRAY	13242865	9/23/2011	8674282	3/18/2014	Semiconductor Components Industries, LLC.
2141.	ELECTROSTATIC DISCHARGE FAILURE PROTECTIVE ELEMENT, ELECTROSTATIC DISCHARGE FAILURE PROTECTIVE CIRCUIT, SEMICONDUCTOR DEVICE AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD	12678354	3/16/2010	8674445	3/18/2014	Semiconductor Components Industries, LLC.
2142.	MOTOR DRIVE CIRCUIT	13330983	12/20/2011	8674644	3/18/2014	Semiconductor Components Industries, LLC.
2143.	ELECTRONIC DEVICE COMPRISING A CONDUCTIVE STRUCTURE AND AN INSULATING LAYER WITHIN A TRENCH AND A PROCESS OF FORMING THE SAME	13327361	12/15/2011	8679919	3/25/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2144.	CIRCUITS AND METHODS OF PRODUCING A REFERENCE CURRENT OR VOLTAGE	12703842	2/11/2010	8680840	3/25/2014	Semiconductor Components Industries, LLC.
2145.	METHOD OF FORMING AN ESD DETECTOR AND STRUCTURE THEREFOR	11843822	8/23/2007	8681458	3/25/2014	Semiconductor Components Industries, LLC.
2146.	ADAPTIVE FILTER	13537713	6/29/2012	8681851	3/25/2014	Semiconductor Components Industries, LLC.
2147.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	11942506	11/19/2007	8686526	4/1/2014	Semiconductor Components Industries, LLC.
2148.	SEMICONDUCTOR DEVICE	13529774	6/21/2012	8692330	4/8/2014	Semiconductor Components Industries, LLC.
2149.	SEMICONDUCTOR DEVICE WITH COPPER WIRE BALL-BONDED TO ELECTRODE PAD INCLUDING BUFFER LAYER	13203439	8/25/2011	8692370	4/8/2014	Semiconductor Components Industries, LLC.
2150.	SINGLE-PHASE BRUSHLESS MOTOR DRIVE CIRCUIT	13523450	6/14/2012	8692494	4/8/2014	Semiconductor Components Industries, LLC.
2151.	TRANSIENT SUPPRESSION DEVICE AND METHOD THEREFOR	12469544	5/20/2009	8693149	4/8/2014	Semiconductor Components Industries, LLC.
2152.	SEMICONDUCTOR APPARATUS	12958256	12/1/2010	8693150	4/8/2014	Semiconductor Components Industries, LLC.
2153.	CONSTANT VOLTAGE POWER SUPPLY CIRCUIT	13269352	10/7/2011	8693155	4/8/2014	Semiconductor Components Industries, LLC.
2154.	SIGNAL PROCESSING CIRCUIT	12972317	12/17/2010	8693707	4/8/2014	Semiconductor Components Industries, LLC.
2155.	SOUND DATA PROCESSING APPARATUS	12039884	2/29/2008	8694138	4/8/2014	Semiconductor Components Industries, LLC.
2156.	PROGRAM UPDATE SYSTEM AND ELECTRONIC DEVICE WITH PROGRAM UPDATE FUNCTION	12764609	4/21/2010	8694717	4/8/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2157.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	13404855	2/24/2012	8697560	4/15/2014	Semiconductor Components Industries, LLC.
2158.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13303850	11/23/2011	8698236	4/15/2014	Semiconductor Components Industries, LLC.
2159.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13012577	1/24/2011	8698431	4/15/2014	Semiconductor Components Industries, LLC.
2160.	SEMICONDUCTOR DEVICE	13350332	1/13/2012	8704308	4/22/2014	Semiconductor Components Industries, LLC.
2161.	RESIN SEALING TYPE SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME, AND LEAD FRAME	12549762	8/28/2009	8704342	4/22/2014	Semiconductor Components Industries, LLC.
2162.	MOTOR DRIVE CIRCUIT	13241867	9/23/2011	8704478	4/22/2014	Semiconductor Components Industries, LLC.
2163.	DISCHARGE CIRCUIT AND METHOD	13190306	7/25/2011	8710804	4/29/2014	Semiconductor Components Industries, LLC.
2164.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	13488712	6/5/2012	8711578	4/29/2014	Semiconductor Components Industries, LLC.
2165.	PARASITIC ELEMENT COMPENSATION CIRCUIT AND METHOD FOR COMPENSATING FOR THE PARASITIC ELEMENT	12414862	3/31/2009	8711582	4/29/2014	Semiconductor Components Industries, LLC.
2166.	LOW DROPOUT VOLTAGE REGULATOR INCLUDING A BIAS CONTROL CIRCUIT	13291397	11/8/2011	8716993	5/6/2014	Semiconductor Components Industries, LLC.
2167.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE WITH A DUMMY LAYER	12636405	12/11/2009	8722512	5/13/2014	Semiconductor Components Industries, LLC.
2168.	CHARGE COUPLED IMAGE SENSOR AND METHOD OF OPERATING WITH TRANSFERRING OPERATION OF CHARGE PACKETS FROM PLURAL PHOTODETECTORS TO VERTICAL CCD SHIFT REGISTERS (AS AMENDED)	13241547	9/23/2011	8723098	5/13/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2169.	METHOD OF FORMING A TRANSISTOR AND STRUCTURE THEREFOR	13831887	3/15/2013	8723238	5/13/2014	Semiconductor Components Industries, LLC.
2170.	IMPROVED ELECTROSTATIC DISCHARGE (ESD) TOLERANCE FOR A LATERAL DOUBLE DIFFUSION METAL OXIDE SEMICONDUCTOR (LDMOS) TRANSISTOR	13229201	9/9/2011	8723258	5/13/2014	Semiconductor Components Industries, LLC.
2171.	ELECTROSTATIC DISCHARGE DEVICES AND METHOD OF MAKING THE SAME	13653654	10/17/2012	8723264	5/13/2014	Semiconductor Components Industries, LLC.
2172.	SWITCHING REGULATOR DEVICE AND METHOD WITH ADAPTIVE FREQUENCY FOLDBACK	13604387	9/5/2012	8723501	5/13/2014	Semiconductor Components Industries, LLC.
2173.	GAIN ENHANCEMENT CIRCUIT AND METHOD	13396123	2/14/2012	8723606	5/13/2014	Semiconductor Components Industries, LLC.
2174.	MULTIMODE INTERLINE CCD IMAGING METHODS	13585171	8/14/2012	8724003	5/13/2014	Semiconductor Components Industries, LLC.
2175.	ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY STRUCTURE HAVING AN ANTIFUSE COMPONENT AND A PROCESS OF USING THE SAME	13232745	9/14/2011	8724364	5/13/2014	Semiconductor Components Industries, LLC.
2176.	AMPLIFICATION CIRCUIT AND METHOD THEREFOR	11817392	3/20/2008	8724831	5/13/2014	Semiconductor Components Industries, LLC.
2177.	STITCHING METHODS USING MULTIPLE MICROLITHOGRAPHIC EXPOSE TOOLS	13196197	8/2/2011	8728713	5/20/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2178.	STITCHING METHODS USING MULTIPLE MICROLITHOGRAPHIC EXPOSE TOOLS	13196163	8/2/2011	8728722	5/20/2014	Semiconductor Components Industries, LLC.
2179.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE	13764564	2/11/2013	8728876	5/20/2014	Semiconductor Components Industries, LLC.
2180.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	12209906	9/12/2008	8729662	5/20/2014	Semiconductor Components Industries, LLC.
2181.	CHARGE-PUMP CONTROLLER	13713900	12/13/2012	8729816	5/20/2014	Semiconductor Components Industries, LLC.
2182.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS	13193714	7/29/2011	8730362	5/20/2014	Semiconductor Components Industries, LLC.
2183.	PROGRAM PROCESSING DEVICE AND PROGRAM PROCESSING METHOD WHICH IS ABLE TO CONTROL WRITING INTO AN INTERNAL MEMORY	11935659	11/6/2007	8732443	5/20/2014	Semiconductor Components Industries, LLC.
2184.	MULTIPLE CLOCKING MODES FOR A CCD IMAGER	13241558	9/23/2011	8735794	5/27/2014	Semiconductor Components Industries, LLC.
2185.	SEMICONDUCTOR DEVICE HAVING DRAIN/SOURCE SURROUNDED BY IMPURITY LAYER AND MANUFACTURING METHOD THEREOF	11856481	9/17/2007	8735997	5/27/2014	Semiconductor Components Industries, LLC.
2186.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11692596	3/28/2007	8736047	5/27/2014	Semiconductor Components Industries, LLC.
2187.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13107320	5/13/2011	8736201	5/27/2014	Semiconductor Components Industries, LLC.
2188.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13107357	5/13/2011	8736202	5/27/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2189.	MOTOR DRIVE CIRCUIT AND ILLUMINATION APPARATUS	13070348	3/23/2011	8736214	5/27/2014	Semiconductor Components Industries, LLC.
2190.	BIDIRECTIONAL TRANSCEIVER AND METHOD	13360927	1/30/2012	8736307	5/27/2014	Semiconductor Components Industries, LLC.
2191.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS	13193677	7/29/2011	8736728	5/27/2014	Semiconductor Components Industries, LLC.
2192.	TIME-DELAY-AND-INTEGRATE IMAGE SENSORS HAVING VARIABLE INTEGRATION TIMES	13625246	9/24/2012	8736924	5/27/2014	Semiconductor Components Industries, LLC.
2193.	METHOD FOR LIMITING AN UN-MIRRORED CURRENT AND CIRCUIT THEREFOR	12863389	7/16/2010	8737032	5/27/2014	Semiconductor Components Industries, LLC.
2194.	ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY STRUCTURE HAVING AN ANTIFUSE COMPONENT AND A PROCESS OF FORMING THE SAME	13232487	9/14/2011	8741697	6/3/2014	Semiconductor Components Industries, LLC.
2195.	PROTECTING ELEMENT HAVING FIRST AND SECOND HIGH CONCENTRATION IMPURITY REGIONS SEPARATED BY INSULATING REGION	13475375	5/18/2012	8742506	6/3/2014	Semiconductor Components Industries, LLC.
2196.	SWITCHING CONTROL CIRCUIT	13314279	12/8/2011	8742743	6/3/2014	Semiconductor Components Industries, LLC.
2197.	INPUT-OUTPUT CIRCUIT	13436406	3/30/2012	8749221	6/10/2014	Semiconductor Components Industries, LLC.
2198.	CCD IMAGE SENSORS AND METHODS	13457827	4/27/2012	8749686	6/10/2014	Semiconductor Components Industries, LLC.
2199.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY	13365216	2/2/2012	8750041	6/10/2014	Semiconductor Components Industries, LLC.
2200.	SYSTEMS AND METHODS FOR AN ADJUSTABLE FILTER ENGINE	12767405	4/26/2010	8751554	6/10/2014	Semiconductor Components Industries, LLC.
2201.	SEMICONDUCTOR DEVICE	13612194	9/12/2012	8754479	6/17/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2202.	CONTROL CIRCUIT FOR IMAGE-CAPTURING DEVICE	13106117	5/12/2011	8754951	6/17/2014	Semiconductor Components Industries, LLC.
2203.	CONTROL CIRCUIT FOR A RESONANT CONVERTER OR THE LIKE AND METHOD THEREFOR	13527800	6/20/2012	8755199	6/17/2014	Semiconductor Components Industries, LLC.
2204.	SEMICONDUCTOR DEVICE WITH CHIPS ON ISOLATED MOUNT REGIONS	13745330	1/18/2013	8759955	6/24/2014	Semiconductor Components Industries, LLC.
2205.	DARK REFERENCE IN CCD IMAGE SENSORS	13599063	8/30/2012	8760543	6/24/2014	Semiconductor Components Industries, LLC.
2206.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE	12896416	10/1/2010	8766401	7/1/2014	Semiconductor Components Industries, LLC.
2207.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	11714906	3/7/2007	8766408	7/1/2014	Semiconductor Components Industries, LLC.
2208.	MICROSTRIP-FED SLOT ANTENNA	13177756	7/7/2011	8766855	7/1/2014	Semiconductor Components Industries, LLC.
2209.	SYSTEMS AND METHODS FOR LOCAL TONE MAPPING OF HIGH DYNAMIC RANGE IMAGES	12784066	5/20/2010	8766999	7/1/2014	Semiconductor Components Industries, LLC.
2210.	SYSTEM, METHOD AND DEVICE FOR PROVIDING NETWORK COMMUNICATIONS	13218700	8/26/2011	8767753	7/1/2014	Semiconductor Components Industries, LLC.
2211.	MOS TRANSISTOR STRUCTURE	13627912	9/26/2012	8772865	7/8/2014	Semiconductor Components Industries, LLC.
2212.	LATERAL OVERFLOW DRAIN AND CHANNEL STOP REGIONS IN IMAGE SENSORS	12609257	10/30/2009	8772891	7/8/2014	Semiconductor Components Industries, LLC.
2213.	HALL ELEMENT CONTROL CIRCUIT	13153013	6/3/2011	8773122	7/8/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2214.	MULTI-PURPOSE ARCHITECTURE FOR CCD IMAGE SENSORS	13115244	5/25/2011	8773563	7/8/2014	Semiconductor Components Industries, LLC.
2215.	IMAGE SENSOR WITH CHARGE MULTIPLICATION	12967428	12/14/2010	8773564	7/8/2014	Semiconductor Components Industries, LLC.
2216.	SEMICONDUCTOR INTEGRATED CIRCUIT	13495797	6/13/2012	8773831	7/8/2014	Semiconductor Components Industries, LLC.
2217.	BIAS CIRCUIT	13530182	6/22/2012	8779843	7/15/2014	Semiconductor Components Industries, LLC.
2218.	DIGITAL FILTER	13155869	6/8/2011	8782111	7/15/2014	Semiconductor Components Industries, LLC.
2219.	SINGLE-PHASE BRUSHLESS MOTOR DRIVE CIRCUIT	13523488	6/14/2012	8786231	7/22/2014	Semiconductor Components Industries, LLC.
2220.	METHOD OF AND CIRCUIT FOR BROWN-OUT DETECTION	13264150	10/12/2011	8786297	7/22/2014	Semiconductor Components Industries, LLC.
2221.	CONTROL CIRCUIT OF LIGHT-EMITTING ELEMENT	13152326	6/3/2011	8786348	7/22/2014	Semiconductor Components Industries, LLC.
2222.	MOTOR CONTROL CIRCUIT	12570449	9/30/2009	8791660	7/29/2014	Semiconductor Components Industries, LLC.
2223.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	13204199	8/5/2011	8796869	8/5/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2224.	INPUT-OUTPUT CIRCUIT	13430182	3/26/2012	8796988	8/5/2014	Semiconductor Components Industries, LLC.
2225.	METHODS FOR PRODUCING IMAGE SENSORS HAVING MULTI-PURPOSE ARCHITECTURE	13115235	5/25/2011	8800130	8/12/2014	Semiconductor Components Industries, LLC.
2226.	MULTIPLE CLOCKING MODES FOR A CCD IMAGER	13241500	9/23/2011	8803058	8/12/2014	Semiconductor Components Industries, LLC.
2227.	METHOD FOR DETERMINING CAPACITANCE	14028774	9/17/2013	8803529	8/12/2014	Semiconductor Components Industries, LLC.
2228.	RESONANT CONTROLLER CIRCUIT AND SYSTEM WITH REDUCED PEAK CURRENTS DURING SOFT-START	12954086	11/24/2010	8804382	8/12/2014	Semiconductor Components Industries, LLC.
2229.	SEMICONDUCTOR DEVICE AND METHOD OF AUTOMATICALLY INSPECTING AN APPEARANCE OF THE SAME	13750708	1/25/2013	8809076	8/19/2014	Semiconductor Components Industries, LLC.
2230.	PHOTODETECTOR CIRCUIT	13714149	12/13/2012	8809762	8/19/2014	Semiconductor Components Industries, LLC.
2231.	PIXEL ARCHITECTURE AND METHOD	13671184	11/7/2012	8809913	8/19/2014	Semiconductor Components Industries, LLC.
2232.	PWM SIGNAL OUTPUT CIRCUIT	13618062	9/14/2012	8810183	8/19/2014	Semiconductor Components Industries, LLC.
2233.	DRIVE CIRCUIT AND METHOD	13935008	7/3/2013	8810185	8/19/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2234.	DEVICE IDENTIFICATION AND TEMPERATURE SENSOR CIRCUIT	13238010	9/21/2011	8810267	8/19/2014	Semiconductor Components Industries, LLC.
2235.	MEMORY CONTROL APPARATUS	12964566	12/9/2010	8812810	8/19/2014	Semiconductor Components Industries, LLC.
2236.	COMBINED DEVICE IDENTIFICATION AND TEMPERATURE MEASUREMENT	13406227	2/27/2012	8821012	9/2/2014	Semiconductor Components Industries, LLC.
2237.	IMAGING SYSTEMS AND METHODS INCLUDING PIXEL ARRAYS WITH REDUCED NUMBERS OF METAL LINES AND CONTROL SIGNALS	12907465	10/19/2010	8829407	9/9/2014	Semiconductor Components Industries, LLC.
2238.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS USING A BURIED LAYER	13193667	7/29/2011	8829637	9/9/2014	Semiconductor Components Industries, LLC.
2239.	CIRCUIT DEVICE HAVING FUNNEL SHAPED LEAD AND METHOD FOR MANUFACTURING THE SAME	12415376	3/31/2009	8829685	9/9/2014	Semiconductor Components Industries, LLC.
2240.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR	13012568	1/24/2011	8829843	9/9/2014	Semiconductor Components Industries, LLC.
2241.	SYSTEMS AND METHODS FOR PROVIDING SHIFTABLE COLUMN CIRCUITRY OF IMAGER PIXEL ARRAYS	12956470	11/30/2010	8830334	9/9/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2242.	CCD IMAGE SENSOR HAVING MULTIPLE CLOCKING MODES	13241526	9/23/2011	8830372	9/9/2014	Semiconductor Components Industries, LLC.
2243.	METHOD FOR PROVIDING OVER CURRENT PROTECTION AND CIRCUIT	13264154	10/12/2011	8830644	9/9/2014	Semiconductor Components Industries, LLC.
2244.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN HAVING A CONTACT WITHIN A SCHOTTKY REGION AND A PROCESS OF FORMING THE SAME	13425030	3/20/2012	8836024	9/16//14	Semiconductor Components Industries, LLC.
2245.	FAILSAFE IMAGE SENSOR WITH REAL TIME INTEGRITY CHECKING OF PIXEL ANALOG PATHS AND DIGITAL DATA PATHS	13285183	10/31/2011	8843343	9/23/2014	Semiconductor Components Industries, LLC.
2246.	DEVICE IDENTIFICATION AND TEMPERATURE SENSOR CIRCUIT	13238003	9/21/2011	8845189	9/30/2014	Semiconductor Components Industries, LLC.
2247.	METHOD OF FORMING A GETTERING STRUCTURE HAVING REDUCED WARPAGE AND GETTERING A SEMICONDUCTOR WAFER THEREWITH	12966530	12/13/2010	8846500	9/30/2014	Semiconductor Components Industries, LLC.
2248.	DEPLETED CHARGE-MULTIPLYING CCD IMAGE SENSOR	13623316	9/20/2012	8847285	9/30/2014	Semiconductor Components Industries, LLC.
2249.	TUNER	13868640	4/23/2013	8855589	10/7/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2250.	SEMICONDUCTOR DIE SINGULATION METHOD	13156636	6/9/2011	8859396	10/14/2014	Semiconductor Components Industries, LLC.
2251.	SELECTION CIRCUIT WITH DIGITAL FILTER FOR VCM	13158009	6/10/2011	8860338	10/14/2014	Semiconductor Components Industries, LLC.
2252.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREOF	13468226	5/10/2012	8860397	10/14/2014	Semiconductor Components Industries, LLC.
2253.	TUNING CIRCUIT	13909143	6/4/2013	8862083	10/14/2014	Semiconductor Components Industries, LLC.
2254.	SEMICONDUCTOR DEVICE	11902560	9/24/2007	8866194	10/21/2014	Semiconductor Components Industries, LLC.
2255.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	13473336	5/16/2012	8866456	10/21/2014	Semiconductor Components Industries, LLC.
2256.	IMAGE SENSORS WITH MULTIPLE OUTPUT STRUCTURES	13735542	1/7/2013	8878255	11/4/2014	Semiconductor Components Industries, LLC.
2257.	IMAGE SENSORS WITH MULTIPLE OUTPUT STRUCTURES	13735643	1/7/2013	8878256	11/4/2014	Semiconductor Components Industries, LLC.
2258.	CURRENT-MODE PROGRAMMABLE REFERENCE CIRCUITS AND METHODS THEREFOR	12700290	2/4/2010	8878511	11/4/2014	Semiconductor Components Industries, LLC.
2259.	SIGNAL PROCESSING CIRCUIT FOR ELECTROSTATIC CAPACITY TYPE TOUCH SENSOR	12837029	7/15/2010	8878812	11/4/2014	Semiconductor Components Industries, LLC.
2260.	FLUID FLOW RATE MEASURING DEVICE AND WATER METER	13772052	2/20/2013	8881606	11/11/2014	Semiconductor Components Industries, LLC.
2261.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT	13453803	4/23/2012	8889528	11/18/2014	Semiconductor Components Industries, LLC.
2262.	METHOD OF MAKING AN INSULATED GATE SEMICONDUCTOR DEVICE AND STRUCTURE	13170033	6/27/2011	8889532	11/18/2014	Semiconductor Components Industries, LLC.
2263.	STARTUP CONTROL CIRCUIT OF DRIVE CIRCUIT	13241359	9/23/2011	8890447	11/18/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2264.	OSCILLATOR CIRCUIT	11951085	12/5/2007	8890632	11/18/2014	Semiconductor Components Industries, LLC.
2265.	SEMICONDUCTOR DEVICE WITH PARASITIC BIPOLAR TRANSISTOR	13229079	9/9/2011	8896108	11/25/2014	Semiconductor Components Industries, LLC.
2266.	SYSTEM AND METHOD FOR GAIN ADJUSTMENT IN TRANSIMPEDANCE AMPLIFIER CONFIGURATIONS FOR ANALYTE MEASUREMENT	13334631	12/22/2011	8896292	11/25/2014	Semiconductor Components Industries, LLC.
2267.	SEMICONDUCTOR DEVICE	13478810	5/23/2012	8901653	12/2/2014	Semiconductor Components Industries, LLC.
2268.	A METHOD AND CIRCUIT FOR SUPPRESSING BIAS CURRENT AND REDUCING POWER LOSS	13264153	10/12/2011	8902614	12/2/2014	Semiconductor Components Industries, LLC.
2269.	INSULATED GATE SEMICONDUCTOR DEVICE HAVING SHIELD ELECTRODE STRUCTURE	14294971	6/3/2014	8907394	12/9/2014	Semiconductor Components Industries, LLC.
2270.	SEMICONDUCTOR DEVICE COVERED BY FRONT ELECTRODE LAYER AND BACK ELECTRODE LAYER	12570209	9/30/2009	8907407	12/9/2014	Semiconductor Components Industries, LLC.
2271.	CHARGER FOR PORTABLE ELECTRONIC DEVICE	13416890	3/9/2012	8907634	12/9/2014	Semiconductor Components Industries, LLC.
2272.	SWITCHING CONTROL CIRCUIT	13028669	2/16/2011	8912780	12/16/2014	Semiconductor Components Industries, LLC.
2273.	LDMOS SEMICONDUCTOR DEVICE WITH PARASITIC BIPOLAR TRANSISTOR FOR REDUCED SURGE CURRENT	13286832	11/1/2011	8916931	12/23/2014	Semiconductor Components Industries, LLC.
2274.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY CELL	13554915	7/20/2012	8921175	12/30/2014	Semiconductor Components Industries, LLC.
2275.	METHOD OF MAKING AN ELECTRODE CONTACT STRUCTURE AND STRUCTURE THEREFOR	13471160	5/14/2012	8921184	12/30/2014	Semiconductor Components Industries, LLC.
2276.	ADAPTIVE BIAS FOR LOW POWER LOW DROPOUT VOLTAGE REGULATORS	13323082	12/12/2011	8922179	12/30/2014	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2277.	VOLTAGE CONTROLLED VARIABLE GAIN AMPLIFIER CIRCUIT	13596882	8/28/2012	8922279	12/30/2014	Semiconductor Components Industries, LLC.
2278.	SYSTEMS AND METHODS FOR LUMINANCE-BASED SCENE-CHANGE DETECTION FOR CONTINUOUS AUTOFOCUS	13208262	8/11/2011	8922707	12/30/2014	Semiconductor Components Industries, LLC.
2279.	LOW-IF TRANSCEIVER ARCHITECTURE	13776475	2/25/2013	8923777	12/30/2014	Semiconductor Components Industries, LLC.
2280.	ELECTRONIC DEVICE INCLUDING A SCHOTTKY CONTACT	13794103	3/11/2013	8928050	1/6/2015	Semiconductor Components Industries, LLC.
2281.	METHOD OF FORMING AN AUDIO PROCESSING SYSTEM AND STRUCTURE THEREFOR	14018183	9/4/2013	8928505	1/6/2015	Semiconductor Components Industries, LLC.
2282.	CMOS IMAGE SENSOR WITH GLOBAL SHUTTER, ROLLING SHUTTER, AND A VARIABLE CONVERSION GAIN, HAVING PIXELS EMPLOYING SEVERAL BCMD TRANSISTORS COUPLED TO A SINGLE PHOTODIODE AND DUAL GATE BCMD TRANSISTORS FOR CHARGE STORAGE AND SENSING	13153369	6/3/2011	8928792	1/6/2015	Semiconductor Components Industries, LLC.
2283.	ECHO PREVENTION CIRCUIT HAVING SIGNAL SUBTRACTER FEATURE	11277200	3/22/2006	8934621	1/13/2015	Semiconductor Components Industries, LLC.
2284.	STEREO SIGNAL PROCESSING CIRCUIT	13032216	2/22/2011	8934634	1/13/2015	Semiconductor Components Industries, LLC.
2285.	VERTICAL JFET SOURCE FOLLOWER FOR SMALL PIXEL CMOS IMAGE SENSORS	13476784	5/21/2012	8937272	1/20/2015	Semiconductor Components Industries, LLC.
2286.	LIQUID CRYSTAL DRIVING CIRCUIT	13584397	8/13/2012	8941571	1/27/2015	Semiconductor Components Industries, LLC.
2287.	DRIVING CIRCUIT FOR ELECTROPHORETIC DISPLAY DEVICE	13754493	1/30/2013	8941635	1/27/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2288.	METHOD OF FORMING A SWITCHED MODE POWER SUPPLY CONTROLLER DEVICE WITH AN OFF MODE AND STRUCTURE THEREFOR	13362186	1/31/2012	8942012	1/27/2015	Semiconductor Components Industries, LLC.
2289.	METHOD OF FORMING A SEMICONDUCTOR DEVICE HAVING A PATTERNED GATE DIELECTRIC AND STRUCTURE THEREFOR	13556989	7/24/2012	8946002	2/3/2015	Semiconductor Components Industries, LLC.
2290.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS	13193745	7/29/2011	8946612	2/3/2015	Semiconductor Components Industries, LLC.
2291.	STACKED PIXELS FOR HIGH RESOLUTION CMOS IMAGE SENSORS WITH BCMD CHARGE DETECTORS	13153055	6/3/2011	8946845	2/3/2015	Semiconductor Components Industries, LLC.
2292.	METHOD AND APPARATUS FOR FRAME ROTATION IN THE JPEG COMPRESSED DOMAIN	13194023	7/29/2011	8947551	2/3/2015	Semiconductor Components Industries, LLC.
2293.	PLASMONIC LIGHT SENSORS	13365039	2/2/2012	8952310	2/10/2015	Semiconductor Components Industries, LLC.
2294.	IMAGING SYSTEMS WITH COLUMN CURRENT MIRROR CIRCUITRY	13454745	4/24/2012	8952311	2/10/2015	Semiconductor Components Industries, LLC.
2295.	IMAGING SYSTEMS WITH SIGNAL CHAIN VERIFICATION CIRCUITRY	13872665	4/29/2013	8953047	2/10/2015	Semiconductor Components Industries, LLC.
2296.	AMPLIFICATION CIRCUIT AND METHOD THEREFOR	13644938	10/4/2012	8957726	2/17/2015	Semiconductor Components Industries, LLC.
2297.	METHOD OF SELECTIVE APERTURE SHARPENING AND HALO SUPPRESSION USING CHROMA ZONES IN CMOS IMAGERS	13161647	6/16/2011	8957999	2/17/2015	Semiconductor Components Industries, LLC.
2298.	CONTOUR CORRECTION DEVICE	13480507	5/25/2012	8958656	2/17/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2299.	IMAGING SYSTEMS WITH PER-COLUMN ANALOG-TO-DIGITAL CONVERTER NON-LINEARITY CORRECTION CAPABILITIES	13867971	4/22/2013	8963759	2/24/2015	Semiconductor Components Industries, LLC.
2300.	TIME-DELAY-AND-INTEGRATE IMAGE SENSORS HAVING VARIABLE INTEGRATION TIMES	13625267	9/24/2012	8964088	2/24/2015	Semiconductor Components Industries, LLC.
2301.	ONE-TIME PROGRAMMABLE MEMORY, INTEGRATED CIRCUIT INCLUDING SAME, AND METHOD THEREFOR	13455723	4/25/2012	8964444	2/24/2015	Semiconductor Components Industries, LLC.
2302.	CORRELATED DOUBLE SAMPLING TO INCLUDE A CONTROLLER TO INCREMENT AND INVERT A COUNT DURING A FIRST PERIOD AND A SECOND PERIOD	13226820	9/7/2011	8969770	3/3/2015	Semiconductor Components Industries, LLC.
2303.	PLASMONIC LIGHT COLLECTORS	14222215	3/21/2014	8969778	3/3/2015	Semiconductor Components Industries, LLC.
2304.	DETERMINATION CIRCUIT	13680693	11/19/2012	8970165	3/3/2015	Semiconductor Components Industries, LLC.
2305.	INSULATED GATE SEMICONDUCTOR DEVICE	13982668	9/11/2013	8981471	3/17/2015	Semiconductor Components Industries, LLC.
2306.	MULTI-CHIP PACKAGE FOR IMAGING SYSTEMS	13556009	7/23/2012	8981511	3/17/2015	Semiconductor Components Industries, LLC.
2307.	ELECTRONIC DEVICE INCLUDING A VIA AND A CONDUCTIVE STRUCTURE, A PROCESS OF FORMING THE SAME, AND AN INTERPOSER	13968670	8/16/2013	8981533	3/17/2015	Semiconductor Components Industries, LLC.
2308.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND SYSTEM THEREFOR	13388183	1/31/2012	8981595	3/17/2015	Semiconductor Components Industries, LLC.
2309.	METHOD OF FORMING A SEMICONDUCTOR POWER SWITCHING DEVICE, STRUCTURE THEREFOR, AND POWER CONVERTER	13205282	8/8/2011	8981748	3/17/2015	Semiconductor Components Industries, LLC.
2310.	DRIVER CIRCUIT	13355026	1/20/2012	8983095	3/17/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2311.	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	13840411	3/15/2013	8987054	3/24/2015	Semiconductor Components Industries, LLC.
2312.	PIXEL AND METHOD	13157311	6/10/2011	8987646	3/24/2015	Semiconductor Components Industries, LLC.
2313.	METAL-STRAPPED CCD IMAGE SENSORS	13623317	9/20/2012	8987788	3/24/2015	Semiconductor Components Industries, LLC.
2314.	METHOD OF FORMING A CURRENT CONTROLLER FOR AN LED AND STRUCTURE THEREFOR	13744691	1/18/2013	8988004	3/24/2015	Semiconductor Components Industries, LLC.
2315.	CIRCUIT FOR GENERATING A CLOCK SIGNAL FOR INTERLEAVED PFC STAGES AND METHOD THEREOF	13263319	10/6/2011	8988048	3/24/2015	Semiconductor Components Industries, LLC.
2316.	NOISE REMOVAL CIRCUIT	13173774	6/30/2011	8988110	3/24/2015	Semiconductor Components Industries, LLC.
2317.	ELECTRONIC DEVICES WITH CAMERA-BASED USER INTERFACES	13660920	10/25/2012	8988394	3/24/2015	Semiconductor Components Industries, LLC.
2318.	IMAGING SYSTEMS WITH INTEGRATED STEREO IMAGERS	12793645	6/3/2010	8988504	3/24/2015	Semiconductor Components Industries, LLC.
2319.	LATERAL OVERFLOW DRAIN AND CHANNEL STOP REGIONS IN IMAGE SENSORS	13415021	3/8/2012	8994139	3/31/2015	Semiconductor Components Industries, LLC.
2320.	BIDIRECTIONAL SWITCH AND SWITCH CIRCUIT USING THE BIDIRECTIONAL SWITCH	13221523	8/30/2011	8994443	3/31/2015	Semiconductor Components Industries, LLC.
2321.	METHODS AND DEVICES FOR IMPROVING DYNAMIC RANGE IN IMAGE SENSORS	13249881	9/30/2011	8994859	3/31/2015	Semiconductor Components Industries, LLC.
2322.	METHOD AND SYSTEM FOR SYNCHRONIZING A FLASH TO AN IMAGER	12182375	7/30/2008	8994877	3/31/2015	Semiconductor Components Industries, LLC.
2323.	POWER SUPPLY CIRCUIT SYSTEM	13416336	3/9/2012	8995154	3/31/2015	Semiconductor Components Industries, LLC.
2324.	PROCESS OF FORMING AN ELECTRONIC DEVICE	13794150	3/11/2013	8999782	4/7/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	INCLUDING A VERTICAL CONDUCTIVE STRUCTURE					
2325.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT THAT INCLUDES A COMMON MODE CHOKE AND STRUCTURE	12788297	5/27/2010	8999807	4/7/2015	Semiconductor Components Industries, LLC.
2326.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12206570	9/8/2008	9000550	4/7/2015	Semiconductor Components Industries, LLC.
2327.	COMMON ELEMENT PIXEL ARCHITECTURE (CEPA) FOR FAST SPEED READOUT	13093077	4/25/2011	9001240	4/7/2015	Semiconductor Components Industries, LLC.
2328.	METHOD OF FORMING A SYNCHRONOUS RECTIFIER CONTROLLER AND STRUCTURE THEREFOR	13737081	1/9/2013	9001532	4/7/2015	Semiconductor Components Industries, LLC.
2329.	PIXEL ARCHITECTURE WITH THE CONTROL TERMINAL OF A FIRST SWITCH COUPLED TO THE CONTROL TERMINAL OF A SECOND SWITCH AND METHOD (AS AMENDED)	13642101	11/21/2012	9006639	4/14/2015	Semiconductor Components Industries, LLC.
2330.	MULTI-PHASE POWER SUPPLY CONTROLLER AND METHOD THEREFOR	13958429	8/2/2013	9007048	4/14/2015	Semiconductor Components Industries, LLC.
2331.	METHOD OF DEPTH-BASED IMAGING USING AN AUTOMATIC TRILATERAL FILTER FOR 3D STEREO IMAGERS	13362323	1/31/2012	9007441	4/14/2015	Semiconductor Components Industries, LLC.
2332.	SYSTEMS AND METHODS FOR GENERATING INTERPOLATED HIGH-DYNAMIC-RANGE IMAGES	13786199	3/5/2013	9007488	4/14/2015	Semiconductor Components Industries, LLC.
2333.	METHOD AND APPARATUS FOR IMAGE BACKGROUND REMOVAL AND REPLACEMENT	13777991	2/26/2013	9007489	4/14/2015	Semiconductor Components Industries, LLC.
2334.	SYSTEM AND METHOD FOR IDENTIFICATION OF A PERIPHERAL DEVICE	13573749	10/3/2012	9008341	4/14/2015	Semiconductor Components Industries, LLC.
2335.	SEMICONDUCTOR DIE SINGULATION METHOD	13486675	6/1/2012	9012304	4/21/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2336.	IMAGE SENSORS WITH ANTIREFLECTIVE LAYERS	12860610	8/20/2010	9013612	4/21/2015	Semiconductor Components Industries, LLC.
2337.	IMAGE SENSOR WITH FLEXIBLE INTERCONNECT CAPABILITIES	13591642	8/22/2012	9013615	4/21/2015	Semiconductor Components Industries, LLC.
2338.	CHARGING CIRCUIT AND AMPLIFIER	12972303	12/17/2010	9014398	4/21/2015	Semiconductor Components Industries, LLC.
2339.	CHIP-ON-LEAD PACKAGE AND METHOD OF FORMING	14273785	5/9/2014	9018044	4/28/2015	Semiconductor Components Industries, LLC.
2340.	PWM SIGNAL OUTPUT CIRCUIT	13617484	9/14/2012	9018873	4/28/2015	Semiconductor Components Industries, LLC.
2341.	IMAGING SYSTEMS WITH CIRCUIT ELEMENT IN CARRIER WAFER	14035863	9/24/2013	9024406	5/5/2015	Semiconductor Components Industries, LLC.
2342.	METHOD OF FORMING A DETECTION CIRCUIT AND STRUCTURE THEREFOR	14299235	6/9/2014	9025293	5/5/2015	Semiconductor Components Industries, LLC.
2343.	METHOD OF MAKING AN INSULATED GATE SEMICONDUCTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE	13471105	5/14/2012	9029215	5/12/2015	Semiconductor Components Industries, LLC.
2344.	IMAGE SENSORS WITH IN-PIXEL ANTI-BLOOMING DRAINS	14033881	9/23/2013	9029972	5/12/2015	Semiconductor Components Industries, LLC.
2345.	IMAGING SYSTEM WITH FOVEATED IMAGING CAPABILITES	13531444	6/22/2012	9030583	5/12/2015	Semiconductor Components Industries, LLC.
2346.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	12438869	4/16/2009	9034729	5/19/2015	Semiconductor Components Industries, LLC.
2347.	SEMICONDUCTOR DIE SINGULATION METHOD	14159648	1/21/2014	9034733	5/19/2015	Semiconductor Components Industries, LLC.
2348.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	12568487	9/28/2009	9035473	5/19/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2349.	MOTOR DRIVE CIRCUIT	13652919	10/16/2012	9035585	5/19/2015	Semiconductor Components Industries, LLC.
2350.	CHARGE CONTROL CIRCUIT, CHARGE CIRCUIT, AND MOBILE ELECTRONIC DEVICE	13897806	5/20/2013	9035599	5/19/2015	Semiconductor Components Industries, LLC.
2351.	CIRCUITS FOR DETECTING AC- OR DC-COUPLED LOADS	13173375	6/30/2011	9035642	5/19/2015	Semiconductor Components Industries, LLC.
2352.	MOTOR DRIVE CIRCUIT	13183640	7/15/2011	9036311	5/19/2015	Semiconductor Components Industries, LLC.
2353.	IMAGE SENSOR PIXEL AND METHOD	13642455	11/2/2012	9040893	5/26/2015	Semiconductor Components Industries, LLC.
2354.	IMAGE SENSORS HAVING BURIED LIGHT SHIELDS WITH ANTIREFLECTIVE COATING	13964462	8/12/2013	9041081	5/26/2015	Semiconductor Components Industries, LLC.
2355.	LIQUID CRYSTAL DRIVING CIRCUIT HAVING A COMMON-SIGNAL OUTPUT CIRCUIT AND A SEGMENT-SIGNAL OUTPUT CIRCUIT AND METHOD	13191075	7/26/2011	9041638	5/26/2015	Semiconductor Components Industries, LLC.
2356.	ELECTROSTATIC CAPACITY TYPE TOUCH SENSOR	13029655	2/17/2011	9041683	5/26/2015	Semiconductor Components Industries, LLC.
2357.	BACKSIDE ILLUMINATED IMAGE SENSORS WITH STACKED DIES	13972249	8/21/2013	9041840	5/26/2015	Semiconductor Components Industries, LLC.
2358.	BIDIRECTIONAL FIELD EFFECT TRANSISTOR AND METHOD	13590947	8/21/2012	9048214	6/2/2015	Semiconductor Components Industries, LLC.
2359.	ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY STRUCTURE HAVING AN ANTIFUSE COMPONENT	14258260	4/22/2014	9048237	6/2/2015	Semiconductor Components Industries, LLC.
2360.	POWER SUPPLY CIRCUIT WITH RIPPLE COMPENSATION	13435993	3/30/2012	9048751	6/2/2015	Semiconductor Components Industries, LLC.
2361.	TIME-DELAY-AND-INTEGRATE IMAGE SENSORS HAVING VARIABLE INTEGRATION TIMES	13625282	9/24/2012	9049353	6/2/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2362.	IMAGING SYSTEMS WITH SELECTABLE COLUMN POWER CONTROL	13485867	5/31/2012	9053993	6/9/2015	Semiconductor Components Industries, LLC.
2363.	CMOS IMAGE SENSOR WITH BUILT IN CORRECTION FOR COLUMN FAILURE	13093298	4/25/2011	9055249	6/9/2015	Semiconductor Components Industries, LLC.
2364.	SEMICONDUCTOR DEVICE AND THE METHOD OF MANUFACTURING THE SAME	13259871	9/23/2011	9059225	6/16/2015	Semiconductor Components Industries, LLC.
2365.	PHOTODETECTOR CONTROL CIRCUIT TO CONTROL DRIVE OF A PHOTODIODE AND CURRENT DETECTION OF A PHOTOTRANSISTOR (AS AMENDED)	13714032	12/13/2012	9063014	6/23/2015	Semiconductor Components Industries, LLC.
2366.	IMAGE SENSORS WITH COLUMN FAILURE CORRECTION CIRCUITRY	13852524	3/28/2013	9066030	6/23/2015	Semiconductor Components Industries, LLC.
2367.	SYSTEMS FOR CONSTANT HUE AND ADAPTIVE COLOR CORRECTION IMAGE PROCESSING	13762042	2/7/2013	9066056	6/23/2015	Semiconductor Components Industries, LLC.
2368.	SYSTEMS AND METHODS FOR CALIBRATING IMAGE SENSORS	12839741	7/20/2010	9066072	6/23/2015	Semiconductor Components Industries, LLC.
2369.	CIRCUIT INCLUDING A SWITCHING ELEMENT, A RECTIFYING ELEMENT, AND A CHARGE STORAGE ELEMENT	13794038	3/11/2013	9070562	6/30/2015	Semiconductor Components Industries, LLC.
2370.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN AND A PROCESS OF FORMING THE SAME	13404895	2/24/2012	9070585	6/30/2015	Semiconductor Components Industries, LLC.
2371.	IMAGE SENSOR WITH CONTROLLABLE VERTICALLY INTEGRATED PHOTODETECTORS	13193664	7/29/2011	9070611	6/30/2015	Semiconductor Components Industries, LLC.
2372.	HEMT SEMICONDUCTOR DEVICE AND A PROCESS OF FORMING THE SAME	14190839	2/26/2014	9070705	6/30/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2373.	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	13834612	3/15/2013	9070721	6/30/2015	Semiconductor Components Industries, LLC.
2374.	LENS POSITION DETECTING CIRCUIT	13713951	12/13/2012	9074876	7/7/2015	Semiconductor Components Industries, LLC.
2375.	INSTRUCTION EXECUTION CIRCUIT	13335132	12/22/2011	9075620	7/7/2015	Semiconductor Components Industries, LLC.
2376.	INPUT-OUTPUT CIRCUIT	13430237	3/26/2012	9077195	7/7/2015	Semiconductor Components Industries, LLC.
2377.	CONVERTER AND METHOD WHICH REMAINS BIASED FOR OPERATION IN THE PULSE FREQUENCY MODULATION MODE AND PULSE WIDTH MODULATION MODE	13629406	9/27/2012	9077242	7/7/2015	Semiconductor Components Industries, LLC.
2378.	METHOD OF FORMING A LOW POWER DISSIPATION REGULATOR AND STRUCTURE THEREFOR	13991488	6/4/2013	9077256	7/7/2015	Semiconductor Components Industries, LLC.
2379.	SINGLE-PHASE BRUSHLESS MOTOR DRIVE CIRCUIT	13495642	6/13/2012	9077267	7/7/2015	Semiconductor Components Industries, LLC.
2380.	BIT LENGTH CONVERTING CIRCUIT FOR FLOATING-POINT NUMBERS, AND VIBRATION CORRECTION CONTROL CIRCUIT USING THE BIT LENGTH CONVERTING CIRCUIT	13428905	3/23/2012	9077367	7/7/2015	Semiconductor Components Industries, LLC.
2381.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	13801026	3/13/2013	9082868	7/14/2015	Semiconductor Components Industries, LLC.
2382.	SYSTEMS AND METHODS FOR PROVIDING SHIFTABLE COLUMN CIRCUITRY OF IMAGER PIXEL ARRAYS	14454222	8/7/2014	9083904	7/14/2015	Semiconductor Components Industries, LLC.
2383.	STRUCTURED LIGHT IMAGING SYSTEM	13353593	1/19/2012	9083905	7/14/2015	Semiconductor Components Industries, LLC.
2384.	METHOD AND SYSTEM FOR IMPROVING QUALITY OF AUDIO SOUND	13569970	8/8/2012	9084061	7/14/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2385.	IMAGE SENSOR INCLUDING TEMPERATURE SENSOR AND ELECTRONIC SHUTTER FUNCTION	14021640	9/9/2013	9093573	7/28/2015	Semiconductor Components Industries, LLC.
2386.	DIELECTRIC BARRIERS FOR PIXEL ARRAYS	13294951	11/11/2011	9093579	7/28/2015	Semiconductor Components Industries, LLC.
2387.	METHOD AND APPARATUS FOR PIXEL DATA EXTREMA DETECTION AND HISTOGRAM GENERATION	13905930	5/30/2013	9094604	7/28/2015	Semiconductor Components Industries, LLC.
2388.	BACK SIDE ILLUMINATED GLOBAL SHUTTER IMAGE SENSORS WITH BACK SIDE CHARGE STORAGE	14035794	9/24/2013	9094612	7/28/2015	Semiconductor Components Industries, LLC.
2389.	LED CONTROLLER AND METHOD THEREFOR	14559119	12/3/2014	9095026	7/28/2015	Semiconductor Components Industries, LLC.
2390.	PROGRAMMABLE GAIN AMPLIFIER WITH MULTI-RANGE OPERATION FOR USE IN BODY SENSOR INTERFACE APPLICATIONS	13228274	9/8/2011	9097655	8/4/2015	Semiconductor Components Industries, LLC.
2391.	METHODS OF LASER MARKING SEMICONDUCTOR SUBSTRATES	14200283	3/7/2014	9099481	8/4/2015	Semiconductor Components Industries, LLC.
2392.	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME	14187871	2/24/2014	9099552	8/4/2015	Semiconductor Components Industries, LLC.
2393.	IMAGING SYSTEMS AND METHODS FOR PROVIDING A SWITCHABLE IMPEDANCE TO GROUND	12907457	10/19/2010	9105542	8/11/2015	Semiconductor Components Industries, LLC.
2394.	IMAGING SYSTEMS WITH BACKSIDE ILLUMINATED NEAR INFRARED IMAGING PIXELS	13954844	7/30/2013	9105546	8/11/2015	Semiconductor Components Industries, LLC.
2395.	VOLTAGE OUTPUT CIRCUIT, LOAD DRIVE CIRCUIT, AND METHOD FOR OUTPUTTING VOLTAGE	13766109	2/13/2013	9106165	8/11/2015	Semiconductor Components Industries, LLC.
2396.	ADAPTIVE MOS TRANSISTOR GATE DRIVER AND METHOD THEREFOR	14259976	4/23/2014	9106228	8/11/2015	Semiconductor Components Industries, LLC.
2397.	AUDIO SIGNAL PROCESSING CIRCUIT	13572171	8/10/2012	9106299	8/11/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2398.	ELECTRONIC DEVICE FOR SCENE EVALUATION AND IMAGE PROJECTION ONTO NON-PLANAR SCREENS	13875100	5/1/2013	9111484	8/18/2015	Semiconductor Components Industries, LLC.
2399.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14341377	7/25/2014	9111758	8/18/2015	Semiconductor Components Industries, LLC.
2400.	SEMICONDUCTOR DEVICES AND METHOD OF MAKING THE SAME	13654143	10/17/2012	9112026	8/18/2015	Semiconductor Components Industries, LLC.
2401.	CONTRAST MATCHING FOR STEREO IMAGE	13221039	8/30/2011	9113145	8/18/2015	Semiconductor Components Industries, LLC.
2402.	DEPLETED CHARGE-MULTIPLYING CCD IMAGE SENSOR	14231839	4/1/2014	9117729	8/25/2015	Semiconductor Components Industries, LLC.
2403.	ELECTRONIC DEVICE INCLUDING A FEATURE IN AN OPENING	13920675	6/18/2013	9117802	8/25/2015	Semiconductor Components Industries, LLC.
2404.	SEMICONDUCTOR DIODE AND METHOD OF MANUFACTURE	14331503	7/15/2014	9117936	8/25/2015	Semiconductor Components Industries, LLC.
2405.	HIGH DYNAMIC RANGE IMAGING WITH MULTI-STORAGE PIXELS	13687380	11/28/2012	9118883	8/25/2015	Semiconductor Components Industries, LLC.
2406.	CURRENT SATURATION DETECTION AND CLAMPING CIRCUIT AND METHOD	13829319	3/14/2013	9124094	9/1/2015	Semiconductor Components Industries, LLC.
2407.	IMAGING PIXELS WITH IMPROVED PHOTODIODE STRUCTURES	14031691	9/19/2013	9129872	9/8/2015	Semiconductor Components Industries, LLC.
2408.	HIGH ELECTRON MOBILITY SEMICONDUCTOR DEVICE AND METHOD THEREFOR	14203299	3/10/2014	9129889	9/8/2015	Semiconductor Components Industries, LLC.
2409.	DRIVE SIGNAL GENERATING CIRCUIT	13594396	8/24/2012	9130496	9/8/2015	Semiconductor Components Industries, LLC.
2410.	IMAGING SYSTEMS WITH VERIFICATION PIXELS	14034365	9/23/2013	9131211	9/8/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2411.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14263079	4/28/2014	9131572	9/8/2015	Semiconductor Components Industries, LLC.
2412.	SINGULATION METHOD FOR SEMICONDUCTOR DIE HAVING A LAYER OF MATERIAL ALONG ONE MAJOR SURFACE	14057756	10/18/2013	9136173	9/15/2015	Semiconductor Components Industries, LLC.
2413.	METHOD OF PRODUCING AN IMAGE SENSOR HAVING MULTIPLE OUTPUT CHANNELS	13918300	6/14/2013	9136305	9/15/2015	Semiconductor Components Industries, LLC.
2414.	SEMICONDUCTOR INTEGRATED CIRCUIT	13040891	3/4/2011	9136717	9/15/2015	Semiconductor Components Industries, LLC.
2415.	CONVERTER INCLUDING A BOOTSRAP CIRCUIT AND METHOD	13052911	3/21/2011	9136836	9/15/2015	Semiconductor Components Industries, LLC.
2416.	LIGHT EMITTING ELEMENT DRIVING CIRCUIT	13495618	6/13/2012	9137868	9/15/2015	Semiconductor Components Industries, LLC.
2417.	BATTERY CHARGER FOR PORTABLE ELECTRONIC EQUIPMENT	13078384	4/1/2011	9142985	9/22/2015	Semiconductor Components Industries, LLC.
2418.	OFFSET INJECTION IN AN ANALOG-TO-DIGITAL CONVERTER	13890702	5/9/2013	9148603	9/29/2015	Semiconductor Components Industries, LLC.
2419.	METHOD FOR MITIGATING FLICKER	14098529	12/6/2013	9148919	9/29/2015	Semiconductor Components Industries, LLC.
2420.	SEMICONDUCTOR DEVICE AND METHOD OF FORMING SAME FOR ACOUSTIC SENSING OF CLOSE PROXIMITY OBJECTS	13790419	3/8/2013	9151840	10/6/2015	Semiconductor Components Industries, LLC.
2421.	IMAGING SYSTEMS WITH CONFORMAL IMAGE BUFFERS	13444760	4/11/2012	9153007	10/6/2015	Semiconductor Components Industries, LLC.
2422.	METHOD OF FABRICATION OF AN ARRAY OF GRADED REFRACTIVE INDEX MICROLENSES INTEGRATED IN AN IMAGE SENSOR	14281263	5/19/2014	9153615	10/6/2015	Semiconductor Components Industries, LLC.
2423.	METHOD AND APPARATUS FOR ARRAY CAMERA PIXEL READOUT	13371312	2/10/2012	9157988	10/13/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2424.	IMAGE SENSOR PIXELS WITH SELF-ALIGNED LATERAL ANTI-BLOOMING STRUCTURES	14189687	2/25/2014	9159753	10/13/2015	Semiconductor Components Industries, LLC.
2425.	IMAGE SENSORS WITH DARK PIXELS FOR REAL-TIME VERIFICATION OF IMAGING SYSTEMS	14279097	5/15/2014	9161028	10/13/2015	Semiconductor Components Industries, LLC.
2426.	METHOD OF FORMING A SEMICONDUCTOR DIE	12689117	1/18/2010	9165833	10/20/2015	Semiconductor Components Industries, LLC.
2427.	METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE WITH THROUGH HOLE	12346667	12/30/2008	9165898	10/20/2015	Semiconductor Components Industries, LLC.
2428.	CHARGE SENSING IN IMAGE SENSORS WITH OUTPUT CHANNEL HAVING MULTIPLE-GAIN OUTPUT PATHS	13625069	9/24/2012	9167182	10/20/2015	Semiconductor Components Industries, LLC.
2429.	RESIN SEALING TYPE SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME, AND LEAD FRAME	14192250	2/27/2014	9171761	10/27/2015	Semiconductor Components Industries, LLC.
2430.	IMAGING SYSTEMS AND METHODS FOR GENERATING AUTO-EXPOSED HIGH-DYNAMIC-RANGE IMAGES	13755988	1/31/2013	9172889	10/27/2015	Semiconductor Components Industries, LLC.
2431.	IMAGING SYSTEMS WITH IMAGE PIXELS HAVING VARYING LIGHT COLLECTING AREAS	13952290	7/26/2013	9172892	10/27/2015	Semiconductor Components Industries, LLC.
2432.	IMAGING SYSTEMS WITH MODIFIED CLEAR IMAGE PIXELS	13951211	7/25/2013	9179110	11/3/2015	Semiconductor Components Industries, LLC.
2433.	VIDEO AND 3D TIME-OF-FLIGHT IMAGE SENSORS	14092611	11/27/2013	9182490	11/10/2015	Semiconductor Components Industries, LLC.
2434.	METHOD AND SEMICONDUCTOR DEVICE FOR A DEDICATED STARTUP SEQUENCE IN A RESONANT CONVERTER	14216525	3/17/2014	9184655	11/10/2015	Semiconductor Components Industries, LLC.
2435.	IMAGING PIXELS WITH IMPROVED DYNAMIC RANGE	14015548	8/30/2013	9185273	11/10/2015	Semiconductor Components Industries, LLC.
2436.	DETECTING TRANSIENT SIGNALS USING STACKED-CHIP IMAGING SYSTEMS	13401607	2/21/2012	9185307	11/10/2015	Semiconductor Components Industries, LLC.

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2437.	PAD OVER INTERCONNECT PAD STRUCTURE DESIGN	14317745	6/27/2014	9189585	11/17/2015	Semiconductor Components Industries, LLC.
2438.	IMAGING SYSTEMS WITH CLEAR FILTER PIXELS	13736768	1/8/2013	9191635	11/17/2015	Semiconductor Components Industries, LLC.
2439.	SEMICONDUCTOR DIE SINGULATION METHODS	14484843	9/12/2014	9196511	11/24/2015	Semiconductor Components Industries, LLC.
2440.	IMAGING SYSTEMS WITH BAFFLE GRIDS	14185816	2/20/2014	9202833	12/1/2015	Semiconductor Components Industries, LLC.
2441.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14283913	5/21/2014	9209132	12/8/2015	Semiconductor Components Industries, LLC.
2442.	MOTOR DRIVE CIRCUIT	13234949	9/16/2011	9209725	12/8/2015	Semiconductor Components Industries, LLC.
2443.	METHOD FOR OPERATING A BACKUP CIRCUIT AND CIRCUIT THEREFOR	14181013	2/14/2014	9209796	12/8/2015	Semiconductor Components Industries, LLC.
2444.	SWITCH AND SWITCH CIRCUIT USING THE SAME	13428867	3/23/2023	9209799	12/8/2015	Semiconductor Components Industries, LLC
2445.	RIPPLE SUPPRESSOR CIRCUIT AND METHOD THEREFOR	13937943	7/9/2013	9213344	12/15/2015	Semiconductor Components Industries, LLC
2446.	METHOD OF FORMING A HEMT SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14174500	2/6/2014	9214423	12/15/2015	Semiconductor Components Industries, LLC
2447.	ARRAY CAMERAS WITH LIGHT BARRIERS	14464630	8/20/2014	9215361	12/15/2015	Semiconductor Components Industries, LLC
2448.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT	13889573	5/8/2013	9219010	12/22/2015	Semiconductor Components Industries, LLC
2449.	SEMICONDUCTOR DEVICE HAVING LOCALIZED CHARGE BALANCE STRUCTURE AND METHOD	14025587	9/12/2013	9219138	12/22/2015	Semiconductor Components Industries, LLC
2450.	POWER SUPPLY CIRCUIT	13008414	1/18/2011	9219362	12/22/2015	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2451.	INPUT-OUTPUT CIRCUIT	13436455	3/30/2012	9223727	12/29/2015	Semiconductor Components Industries, LLC
2452.	ELECTRONIC DEVICE INCLUDING A DIODE AND A PROCESS OF FORMING THE SAME	14470239	8/27/2014	9224703	12/29/2015	Semiconductor Components Industries, LLC
2453.	IMAGING SYSTEMS WITH REFERENCE PIXELS FOR IMAGE FLARE MITIGATION	13971712	8/20/2013	9224782	12/29/2015	Semiconductor Components Industries, LLC
2454.	IMAGE SENSOR SYSTEMS AND METHODS FOR MULTIPLE EXPOSURE IMAGING	14189859	2/25/2014	9225919	12/29/2015	Semiconductor Components Industries, LLC
2455.	TIME-OF-FLIGHT IMAGING SYSTEMS	13278019	10/20/2011	9229096	1/5/2016	Semiconductor Components Industries, LLC
2456.	SYSTEM FOR REDUCING DEPTH OF FIELD WITH DIGITAL IMAGE PROCESSING	13760569	2/6/2013	9230306	1/5/2016	Semiconductor Components Industries, LLC
2457.	IMAGING SYSTEMS AND METHODS FOR LOCATION-SPECIFIC IMAGE FLARE MITIGATION	14092501	11/27/2013	9230310	1/5/2016	Semiconductor Components Industries, LLC
2458.	IMAGING SYSTEMS WITH PROGRAMMABLE FIXED RATE CODECS	13870801	4/25/2013	9230340	1/5/2016	Semiconductor Components Industries, LLC
2459.	IMAGE SENSORS OPERABLE IN GLOBAL SHUTTER MODE AND HAVING SMALL PIXELS WITH HIGH WELL CAPACITY	14468186	8/25/2014	9231007	1/5/2016	Semiconductor Components Industries, LLC
2460.	STACKED-CHIP IMAGING SYSTEMS	14543582	11/17/2014	9231011	1/5/2016	Semiconductor Components Industries, LLC
2461.	RESONANCE ENHANCED ABSORPTIVE COLOR FILTERS HAVING RESONANCE CAVITIES	13669180	11/5/2012	9231013	1/5/2016	Semiconductor Components Industries, LLC
2462.	IMAGING SYSTEMS WITH CROSSTALK CALIBRATION PIXELS	13955765	7/31/2013	9232159	1/5/2016	Semiconductor Components Industries, LLC
2463.	OPTICAL ISOLATION OF OPTICALLY BLACK PIXELS IN IMAGE SENSORS	13587210	8/16/2012	9232162	1/5/2016	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2464.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY CELL	14540137	11/13/2014	9236125	1/12/2016	Semiconductor Components Industries, LLC
2465.	CFA RESIST SILYLATION FOR LIMITING COLOR INTERACTIONS AND IMPROVING CROSSTALK	13223594	9/1/2011	9240427	1/19/2016	Semiconductor Components Industries, LLC
2466.	VIDEO OVERLAY SYSTEMS	13660929	10/25/2012	9243890	1/26/2016	Semiconductor Components Industries, LLC
2467.	SYSTEMS AND METHODS FOR DETECTING OBSTRUCTIONS WITHIN THE FIELD-OF-VIEW OF AN IMAGE SENSOR	14566434	12/10/2014	9245333	1/26/2016	Semiconductor Components Industries, LLC
2468.	PROCESS OF FORMING A SEMICONDUCTOR WAFER	14202773	3/10/2014	9245736	1/26/2016	Semiconductor Components Industries, LLC
2469.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14275176	5/12/2014	9245952	1/26/2016	Semiconductor Components Industries, LLC
2470.	INSULATED GATE SEMICONDUCTOR DEVICE STRUCTURE	14514017	10/14/2014	9245963	1/26/2016	Semiconductor Components Industries, LLC
2471.	CHARGING SYSTEM FOR PORTABLE ELECTRONIC EQUIPMENT	13938867	7/10/2013	9246342	1/26/2016	Semiconductor Components Industries, LLC
2472.	TRIPLE CONVERSION GAIN IMAGE SENSOR PIXELS	14031797	9/19/2013	9247170	1/26/2016	Semiconductor Components Industries, LLC
2473.	IMAGERS WITH DEPTH SENSING CAPABILITIES	14287907	5/27/2014	9247234	1/26/2016	Semiconductor Components Industries, LLC
2474.	BACK SIDE ILLUMINATED IMAGE SENSORS WITH BACK SIDE CHARGE STORAGE	14024316	9/11/2013	9252185	2/2/2016	Semiconductor Components Industries, LLC
2475.	DRIVER CIRCUIT AND METHOD	13973893	8/22/2013	9252696	2/2/2016	Semiconductor Components Industries, LLC
2476.	SENSOR CIRCUIT	14052294	10/11/2013	9255947	2/9/2016	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2477.	SEMICONDUCTOR COMPONENT AND METHOD	14452162	8/5/2014	9257513	2/9/2016	Semiconductor Components Industries, LLC
2478.	IMAGING SYSTEMS WITH PLASMONIC COLOR FILTERS	13874771	5/1/2013	9258536	2/9/2016	Semiconductor Components Industries, LLC
2479.	METHOD AND SYSTEM FOR PARAMETER BASED ADAPTATION OF CLOCK SPEEDS TO LISTENING DEVICES AND AUDIO APPLICATIONS	13425972	3/21/2012	9258653	2/9/2016	Semiconductor Components Industries, LLC
2480.	METHOD FOR DETERMINING A POWER LEVEL OF A BATTERY AND CIRCUIT THEREFOR	14194815	3/2/2014	9261567	2/16/2016	Semiconductor Components Industries, LLC
2481.	CAPCITIVE TOUCH PANEL WITH SIMULTANEOUSLY ENABLED X- AND Y-DIRECTION SENSOR CIRCUITS WHEREIN IN EACH SENSOR CIRCUIT THE DRIVE LINE IS INTERDIGITATED WITH A PLURALITY OF SENSE LINES	12794281	6/4/2010	9262017	2/16/2016	Semiconductor Components Industries, LLC
2482.	SEMICONDUCTOR COMPONENT THAT INCLUDES A PROTECTIVE STRUCTURE	13889582	5/8/2013	9263390	2/16/2016	Semiconductor Components Industries, LLC
2483.	SCHOTTKY DEVICE AND METHOD OF MANUFACTURE	14181207	2/14/2014	9263598	2/16/2016	Semiconductor Components Industries, LLC
2484.	SYSTEMS AND METHODS FOR COLOR COMPENSATION IN MULTI-VIEW VIDEO	13412730	3/6/2012	9264689	2/16/2016	Semiconductor Components Industries, LLC
2485.	FAILSAFE IMAGE SENSOR WITH REAL TIME INTEGRITY CHECKING OF PIXEL ANALOG PATHS AND DIGITAL DATA PATHS	14492686	9/22/2014	9264703	2/16/2016	Semiconductor Components Industries, LLC
2486.	IMAGING SYSTEMS WITH BACKSIDE ISOLATION TRENCHES	13763249	2/8/2013	9269730	2/23/2016	Semiconductor Components Industries, LLC
2487.	METHODS OF FORMING IMAGING DEVICE LAYERS USING CARRIER SUBSTRATES	14086336	11/21/2013	9269743	2/23/2016	Semiconductor Components Industries, LLC
2488.	INSULATED GATE SEMICONDUCTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE	14336770	7/21/2014	9269779	2/23/2016	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2489.	METHOD OF FORMING A HIGH ELECTRON MOBILITY SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14182508	2/18/2014	9269789	2/23/2016	Semiconductor Components Industries, LLC
2490.	EXPOSURE TIME SELECTION USING STACKED-CHIP IMAGE SENSORS	13875549	5/2/2013	9270906	2/23/2016	Semiconductor Components Industries, LLC
2491.	CIRCUIT DEVICE	13878724	5/22/2013	9271397	2/23/2016	Semiconductor Components Industries, LLC
2492.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	13242202	9/23/2011	9275930	3/1/2016	Semiconductor Components Industries, LLC
2493.	EM PROTECTED SEMICONDUCTOR DIE	14061153	10/23/2013	9275957	3/1/2016	Semiconductor Components Industries, LLC
2494.	MULTIMODE PIXEL READOUT FOR ENHANCED DYNAMIC RANGE	14464495	8/20/2014	9277147	3/1/2016	Semiconductor Components Industries, LLC
2495.	CHIP SCALE PACKAGES AND RELATED METHODS	14528106	10/30/2014	9281258	3/8/2016	Semiconductor Components Industries, LLC
2496.	ALIGNMENT MARKS AND ALIGNMENT METHODS FOR ALIGNING BACKSIDE COMPONENTS TO FRONTSIDE COMPONENTS IN INTEGRATED CIRCUITS	14494215	9/23/2014	9281335	3/8/2016	Semiconductor Components Industries, LLC
2497.	GLOBAL SHUTTER BULK CHARGE MODULATED DEVICE	14589520	1/5/2015	9287305	3/15/2016	Semiconductor Components Industries, LLC
2498.	SYSTEMS AND METHODS FOR MITIGATING IMAGE SENSOR PIXEL VALUE CLIPPING	14011369	8/27/2013	9287316	3/15/2016	Semiconductor Components Industries, LLC
2499.	SEMICONDUCTOR DEVICE HAVING LOCALIZED CHARGE BALANCE STRUCTURE AND METHOD	14032454	9/20/2013	9287371	3/15/2016	Semiconductor Components Industries, LLC
2500.	PACKAGED SEMICONDUCTOR DEVICE	29187122	7/28/2003	D489338	5/4/2004	Semiconductor Components Industries, LLC
2501.	SEMICONDUCTOR DEVICE PACKAGE	29211046	8/11/2004	D504874	5/10/2005	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2502.	SEMICONDUCTOR DEVICE PACKAGE	29211047	8/11/2004	D510728	10/18/2005	Semiconductor Components Industries, LLC
2503.	METHOD OF FORMING AN ELECTRONIC PACKAGE AND STRUCTURE	13408058	2/29/2012	N/A	N/A	Semiconductor Components Industries, LLC
2504.	ELECTRONIC DEVICE INCLUDING A TUNNEL STRUCTURE	13554867	7/20/2012	N/A	N/A	Semiconductor Components Industries, LLC
2505.	DETERMINATION CIRCUIT	13687018	11/28/2012	N/A	N/A	Semiconductor Components Industries, LLC
2506.	IMAGING PIXELS WITH DEPTH SENSING CAPABILITIES	13728086	12/27/2012	N/A	N/A	Semiconductor Components Industries, LLC
2507.	SEMICONDUCTOR PACKAGE STRUCTURE AND METHOD	13745072	1/18/2013	N/A	N/A	Semiconductor Components Industries, LLC
2508.	IMAGING SENSORS WITH OPTICAL CAVITY PIXELS	13746211	1/21/2013	N/A	N/A	Semiconductor Components Industries, LLC
2509.	ACTUATOR CONTROL APPARATUS	13747111	1/22/2013	N/A	N/A	Semiconductor Components Industries, LLC
2510.	IMPEDANCE MEASURING CIRCUIT	13752565	1/29/2013	N/A	N/A	Semiconductor Components Industries, LLC
2511.	METHOD FOR DETERMINING A CIRCUIT ELEMENT PARAMETER	13752596	1/29/2013	N/A	N/A	Semiconductor Components Industries, LLC
2512.	MONITOR AND CONTROL MODULE AND METHOD	13753832	1/30/2013	N/A	N/A	Semiconductor Components Industries, LLC
2513.	FLUID FLOW RATE MEASURING DEVICE AND WATER METER	13754512	1/30/2013	N/A	N/A	Semiconductor Components Industries, LLC
2514.	METHOD OF FORMING A BALANCING CIRCUIT FOR A PLURALITY OF BATTERY CELLS AND STRUCTURE THEREFOR	13776375	2/25/2013	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2515.	IMAGING SYSTEMS FOR INFRARED AND VISIBLE IMAGING	13777776	2/26/2013	N/A	N/A	Semiconductor Components Industries, LLC
2516.	POWER SAVING TECHNIQUES FOR IMAGE SENSORS	13778859	2/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
2517.	DUAL-FLAG STACKED DIE PACKAGE	13780070	2/28/2013	N/A	N/A	Semiconductor Components Industries, LLC
2518.	CONVERTER AND METHOD	13783868	3/4/2013	N/A	N/A	Semiconductor Components Industries, LLC
2519.	WAFER SUSCEPTOR FOR FORMING A SEMICONDUCTOR DEVICE AND METHOD THEREFOR	13791007	3/8/2013	N/A	N/A	Semiconductor Components Industries, LLC
2520.	ELECTRONIC DEVICE INCLUDING A CONDUCTIVE ELECTRODE AND A PROCESS OF FORMING THE SAME	13794020	3/11/2013	N/A	N/A	Semiconductor Components Industries, LLC
2521.	PROCESS OF FORMING ELECTRONIC DEVICE INCLUDING A DIELECTRIC LAYER HAVING A NON-UNIFORM THICKNESS	13794137	3/11/2013	N/A	N/A	Semiconductor Components Industries, LLC
2522.	GROUND FAULT CIRCUIT INTERRUPTER AND METHOD	13829366	3/14/2013	N/A	N/A	Semiconductor Components Industries, LLC
2523.	GROUND FAULT CIRCUIT INTERRUPTER AND METHOD	13829394	3/14/2013	N/A	N/A	Semiconductor Components Industries, LLC
2524.	GROUND FAULT CIRCUIT INTERRUPTER AND METHOD	13829417	3/14/2013	N/A	N/A	Semiconductor Components Industries, LLC
2525.	ACOUSTIC SIGNAL PROCESSING SYSTEM CAPABLE OF DETECTING DOUBLE-TALK AND METHOD	13829457	3/14/2013	N/A	N/A	Semiconductor Components Industries, LLC
2526.	METHOD OF FORMING A TRANSISTOR AND STRUCTURE THEREFOR	13831883	3/15/2013	N/A	N/A	Semiconductor Components Industries, LLC
2527.	OPTICAL AND INFRARED IMAGING SYSTEM	13854834	4/1/2013	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2528.	IMAGE SENSORS WITH PHOTOELECTRIC FILMS	13860157	4/10/2013	N/A	N/A	Semiconductor Components Industries, LLC
2529.	IMAGE DATA COMPRESSION USING STACKED-CHIP IMAGE SENSORS	13865100	4/17/2013	N/A	N/A	Semiconductor Components Industries, LLC
2530.	REDUCED HEIGHT CAMERA MODULES	13874872	5/1/2013	N/A	N/A	Semiconductor Components Industries, LLC
2531.	CIRCUIT DEVICE	13878718	5/22/2013	N/A	N/A	Semiconductor Components Industries, LLC
2532.	CIRCUIT DEVICE	13878721	5/22/2013	N/A	N/A	Semiconductor Components Industries, LLC
2533.	SYSTEMS AND METHODS FOR GENERATING METADATA IN STACKED-CHIP IMAGING SYSTEMS	13886528	5/3/2013	N/A	N/A	Semiconductor Components Industries, LLC
2534.	METHOD AND APPARATUS FOR PIXEL CONTROL SIGNAL VERIFICATION	13891480	5/10/2013	N/A	N/A	Semiconductor Components Industries, LLC
2535.	IMAGING SYSTEMS AND METHODS FOR USER INPUT DETECTION	13907574	5/31/2013	N/A	N/A	Semiconductor Components Industries, LLC
2536.	IMAGING SYSTEMS WITH SWITCHABLE COLUMN POWER CONTROL	13926657	6/25/2013	N/A	N/A	Semiconductor Components Industries, LLC
2537.	MICROPHONE AMPLIFIER CIRCUIT	13935204	7/3/2013	N/A	N/A	Semiconductor Components Industries, LLC
2538.	COLUMN-BASED HIGH DYNAMIC RANGE IMAGING SYSTEMS	13940055	7/11/2013	N/A	N/A	Semiconductor Components Industries, LLC
2539.	METHOD AND APPARATUS FOR IMAGE FLARE MITIGATION	13942201	7/15/2013	N/A	N/A	Semiconductor Components Industries, LLC
2540.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	13944051	7/17/2013	N/A	N/A	Semiconductor Components Industries, LLC
2541.	DRIVER CIRCUIT AND METHOD	13952479	7/26/2013	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2542.	METHODS FOR PRODUCING IMAGE SENSORS HAVING MULTI- PURPOSE ARCHITECTURES	13953382	7/29/2013	N/A	N/A	Semiconductor Components Industries, LLC
2543.	IMAGING SYSTEMS WITH FRONT SIDE ILLUMINATED NEAR INFRARED IMAGING PIXELS	13954823	7/30/2013	N/A	N/A	Semiconductor Components Industries, LLC
2544.	IMAGE SENSORS WITH PIXEL ARRAY SUB-SAMPLING CAPABILITIES	13965582	8/13/2013	N/A	N/A	Semiconductor Components Industries, LLC
2545.	IMAGERS WITH IMPROVED ANALOG-TO-DIGITAL CIRCUITRY	13967272	8/14/2013	N/A	N/A	Semiconductor Components Industries, LLC
2546.	POWER FACTOR CONTROLLER AND METHOD	13990884	8/19/2013	N/A	N/A	Semiconductor Components Industries, LLC
2547.	BACKSIDE ILLUMINATED IMAGE SENSORS HAVING BURIED LIGHT SHIELDS WITH ABSORPTIVE ANTIREFLECTIVE COATING	14011560	8/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
2548.	IMAGE SENSOR PIXELS WITH LIGHT GUIDES AND LIGHT SHIELD STRUCTURES	14011660	8/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
2549.	IMAGING SYSTEMS WITH DYNAMIC SHUTTER OPERATION	14012403	8/28/2013	N/A	N/A	Semiconductor Components Industries, LLC
2550.	HIGH DYNAMIC RANGE IMAGING SYSTEMS HAVING CLEAR FILTER PIXEL ARRAYS	14012784	8/28/2013	N/A	N/A	Semiconductor Components Industries, LLC
2551.	IMAGING SYSTEMS WITH CROSSTALK REDUCTION STRUCTURES	14012835	8/28/2013	N/A	N/A	Semiconductor Components Industries, LLC
2552.	IMAGE SENSOR INCLUDING TEMPERATURE SENSOR AND ELECTRONIC SHUTTER FUNCTION	14021667	9/9/2013	N/A	N/A	Semiconductor Components Industries, LLC
2553.	IMAGERS WITH STACKED INTEGRATED CIRCUIT DIES	14026731	9/13/2013	N/A	N/A	Semiconductor Components Industries, LLC
2554.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	14027060	9/13/2013	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2555.	METHOD OF OPERATING A BATTERY AND STRUCTURE THEREFOR	14047783	10/7/2013	N/A	N/A	Semiconductor Components Industries, LLC
2556.	METHOD OF FORMING AN ESD DEVICE AND STRUCTURE THEREFOR	14049501	10/9/2013	N/A	N/A	Semiconductor Components Industries, LLC
2557.	INDUCTIVE SENSOR	14079601	11/13/2013	N/A	N/A	Semiconductor Components Industries, LLC
2558.	IMAGING SYSTEMS WITH VISIBLE LIGHT SENSITIVE PIXELS AND INFRARED LIGHT SENSITIVE PIXELS	14086705	11/21/2013	N/A	N/A	Semiconductor Components Industries, LLC
2559.	IMAGING SYSTEMS WITH BROADBAND IMAGE PIXELS FOR GENERATING MONOCHROME AND COLOR IMAGES	14089064	11/25/2013	N/A	N/A	Semiconductor Components Industries, LLC
2560.	IMAGING SYSTEMS WITH IMAGE PIXELS HAVING ADJUSTABLE RESPONSIVITY	14089557	11/25/2013	N/A	N/A	Semiconductor Components Industries, LLC
2561.	IMAGING PIXELS WITH IMPROVED ANALOG-TO-DIGITAL CIRCUITRY	14090415	11/26/2013	N/A	N/A	Semiconductor Components Industries, LLC
2562.	IMAGING SYSTEMS WITH IMAGE PIXELS HAVING ADJUSTABLE SPECTRAL RESPONSES	14090876	11/26/2013	N/A	N/A	Semiconductor Components Industries, LLC
2563.	COLOR FILTER ARRANGEMENTS FOR FUSED ARRAY IMAGING SYSTEMS	14091827	11/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
2564.	IMAGE SENSORS WITH COLOR FILTER ELEMENTS OF DIFFERENT SIZES	14092613	11/27/2013	N/A	N/A	Semiconductor Components Industries, LLC
2565.	LIGHT-EMITTING ELEMENT DRIVING CIRCUIT SYSTEM	14099995	12/8/2013	N/A	N/A	Semiconductor Components Industries, LLC
2566.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14102047	12/10/2013	N/A	N/A	Semiconductor Components Industries, LLC
2567.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	14149997	1/8/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2568.	SEMICONDUCTOR DIE SINGULATION METHOD	14153940	1/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2569.	GLOBAL SHUTTER IMAGE SENSORS WITH LIGHT GUIDE AND LIGHT SHIELD STRUCTURES	14157492	1/16/2014	N/A	N/A	Semiconductor Components Industries, LLC
2570.	SCHOTTKY DEVICE AND METHOD OF MANUFACTURE	14160273	1/21/2014	N/A	N/A	Semiconductor Components Industries, LLC
2571.	METHOD OF FORMING HEMT SEMICONDUCTOR DEVICES AND STRUCTURE THEREFOR	14162082	1/23/2014	N/A	N/A	Semiconductor Components Industries, LLC
2572.	ELECTRONIC DEVICE INCLUDING VERTICAL CONDUCTIVE REGIONS AND A PROCESS OF FORMING THE SAME	14168423	1/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2573.	ELECTRONIC DEVICE INCLUDING A CAPACITOR STRUCTURE AND A PROCESS OF FORMING THE SAME	14168492	1/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2574.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE	14168850	1/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2575.	PUMPED PINNED PHOTODIODE PIXEL ARRAY	14171181	2/3/2014	N/A	N/A	Semiconductor Components Industries, LLC
2576.	ARITHMETIC MEMORY WITH HORIZONTAL BINNING CAPABILITIES FOR IMAGING SYSTEMS	14172741	2/4/2014	N/A	N/A	Semiconductor Components Industries, LLC
2577.	TRENCH POWER FIELD EFFECT TRANSISTOR DEVICE AND METHOD	14177140	2/10/2014	N/A	N/A	Semiconductor Components Industries, LLC
2578.	IMAGING SYSTEMS WITH INFRARED PIXELS HAVING INCREASED QUANTUM EFFICIENCY	14178066	2/11/2014	N/A	N/A	Semiconductor Components Industries, LLC
2579.	METHOD OF FORMING A TRANSDUCER CONTROLLER AND APPARATUS THEREFROM	14179896	2/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2580.	ADAPTIVE IMAGE SENSOR SYSTEMS AND METHODS	14180237	2/13/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2581.	IMAGE SENSOR ARRAY WITH EXTERNAL CHARGE DETECTION CIRCUITRY	14183042	2/18/2014	N/A	N/A	Semiconductor Components Industries, LLC
2582.	IMAGE SENSORS WITH COLUMN MEMORY REPAIR CIRCUITRY	14185542	2/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2583.	IMAGE SENSORS WITH ANTI-ECLIPSE CIRCUITRY	14185614	2/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2584.	IMAGERS WITH ERROR CHECKING CAPABILITIES	14186771	2/21/2014	N/A	N/A	Semiconductor Components Industries, LLC
2585.	IMAGE SENSORS HAVING PIXEL ARRAYS WITH NON-UNIFORM PIXEL SIZES	14189311	2/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2586.	IMAGE SENSORS WITH SMALL PIXELS HAVING HIGH WELL CAPACITY	14189382	2/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2587.	IMAGERS HAVING IMAGE PROCESSING CIRCUITRY WITH ERROR DETECTION CAPABILITIES	14189939	2/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2588.	OHMIC CONTACT STRUCTURE FOR SEMICONDUCTOR DEVICE AND METHOD	14191030	2/26/2014	N/A	N/A	Semiconductor Components Industries, LLC
2589.	BACKSIDE ILLUMINATED IMAGING SYSTEMS HAVING AUTO-FOCUS PIXELS	14191209	2/26/2014	N/A	N/A	Semiconductor Components Industries, LLC
2590.	IMAGING SYSTEMS WITH ACTIVATION MECHANISMS	14191891	2/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2591.	IMAGING SYSTEMS WITH THROUGH-OXIDE VIA CONNECTIONS	14191965	2/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2592.	IMAGING SYSTEMS AND METHODS FOR MONITORING USER SURROUNDINGS	14193548	2/28/2014	N/A	N/A	Semiconductor Components Industries, LLC
2593.	IMAGING SYSTEMS WITH FLIP CHIP BALL GRID ARRAYS	14194119	2/28/2014	N/A	N/A	Semiconductor Components Industries, LLC
2594.	DRIVE CONTROL CIRCUIT FOR LINEAR VIBRATION MOTOR AND METHOD	14199710	3/6/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2595.	CONTROL METHOD AND DEVICE THEREFOR	14200663	3/7/2014	N/A	N/A	Semiconductor Components Industries, LLC
2596.	OFFSET CANCELLING CIRCUIT AND METHOD	14206857	3/12/2014	N/A	N/A	Semiconductor Components Industries, LLC
2597.	METHOD OF FORMING A HIGH ELECTRON MOBILITY SEMICONDUCTOR DEVICE	14208803	3/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2598.	METHODS FOR FORMING BACKSIDE ILLUMINATED IMAGE SENSORS WITH FRONT SIDE METAL REDISTRIBUTION LAYERS AND A PERMANENT CARRIER LAYER	14215975	3/17/2014	N/A	N/A	Semiconductor Components Industries, LLC
2599.	METHOD AND APPARATUS FOR DEDICATED SKIP MODE FOR RESONANT CONVERTERS	14216590	3/17/2014	N/A	N/A	Semiconductor Components Industries, LLC
2600.	TRENCH SHIELDING STRUCTURE FOR SEMICONDUCTOR DEVICE AND METHOD	14216914	3/17/2014	9306018	4/5/2016	Semiconductor Components Industries, LLC
2601.	ELECTRONIC DIE SINGULATION METHOD	14222464	3/21/2014	N/A	N/A	Semiconductor Components Industries, LLC
2602.	MULTI-ARRAY IMAGING SYSTEMS AND METHODS	14225129	3/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2603.	FUSE ELEMENT PROGRAMMING CIRCUIT AND METHOD	14225272	3/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2604.	IMAGING SYSTEMS WITH PIXEL ARRAY VERIFICATION CIRCUITRY	14231694	3/31/2014	N/A	N/A	Semiconductor Components Industries, LLC
2605.	METHOD FOR PROCESSING SOUND DATA AND CIRCUIT THEREFOR	14242585	4/1/2014	N/A	N/A	Semiconductor Components Industries, LLC
2606.	SINGLE-PHASE BRUSHLESS MOTOR DRIVER AND METHOD	14244015	4/3/2014	N/A	N/A	Semiconductor Components Industries, LLC
2607.	SEMICONDUCTOR DEVICE MANUFACTURING METHOD	14248020	4/8/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2608.	LENS POSITION DETECTING CIRCUIT AND METHOD	14249476	4/10/2014	N/A	N/A	Semiconductor Components Industries, LLC
2609.	ELECTRONIC DEVICE HAVING A TERMINATION REGION INCLUDING AN INSULATING REGION	14249677	4/10/2014	N/A	N/A	Semiconductor Components Industries, LLC
2610.	PROCESS OF FORMING AN ELECTRONIC DEVICE HAVING A TERMINATION REGION INCLUDING AN INSULATING REGION	14249882	4/10/2014	N/A	N/A	Semiconductor Components Industries, LLC
2611.	METHOD OF FORMING A PROTECTING ELEMENT COMPRISING A FIRST HIGH CONCENTRATION IMPURITY REGION HAVING A BRANCH PORTION AND A SECOND HIGH CONCENTRATION IMPURITY REGION SEPARATED BY INSULATING REGION OF A SUBSTRATE	14253395	4/15/2014	N/A	N/A	Semiconductor Components Industries, LLC
2612.	IMAGE SENSORS WITH THROUGH-OXIDE VIA STRUCTURES	14254196	4/16/2014	N/A	N/A	Semiconductor Components Industries, LLC
2613.	IMAGING SYSTEMS AND METHODS FOR MITIGATING PIXEL DATA QUANTIZATION ERROR	14264984	4/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2614.	METHOD AND APPARATUS FOR SYNCHRONOUS RECTIFIER OPERATION	14265575	4/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2615.	IMAGING SYSTEMS WITH PHASE DETECTION PIXELS	14267695	5/1/2014	N/A	N/A	Semiconductor Components Industries, LLC
2616.	METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE	14267796	5/1/2014	N/A	N/A	Semiconductor Components Industries, LLC
2617.	METHOD OF MANUFACTURING A COLOR FILTER	14269359	5/5/2014	N/A	N/A	Semiconductor Components Industries, LLC
2618.	IMAGE SENSORS WITH REDUCED STACK HEIGHT	14270233	5/5/2014	9324755	04/26/2016	Semiconductor Components Industries, LLC
2619.	IMAGING CIRCUITRY WITH ROBUST SCRIBE LINE STRUCTURES	14270236	5/5/2014	9293495	3/22/2016	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2620.	IMAGE SENSOR AND METHOD FOR MEASURING REFRACTIVE INDEX	14277144	5/14/2014	N/A	N/A	Semiconductor Components Industries, LLC
2621.	CIRCUIT INCLUDING A RESISTIVE ELEMENT, A DIODE, AND A SWITCH AND A METHOD OF USING THE SAME	14279410	5/16/2014	N/A	N/A	Semiconductor Components Industries, LLC
2622.	MOTOR DRIVE CIRCUIT AND ILLUMINATION APPARATUS AND METHOD	14279641	5/16/2014	N/A	N/A	Semiconductor Components Industries, LLC
2623.	SYSTEMS AND METHODS FOR AN ADJUSTABLE FILTER ENGINE	14282798	5/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2624.	IMAGERS WITH ERROR GENERATION CAPABILITIES	14288201	5/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2625.	IMAGING DEVICES FOR MOLECULE DETECTION	14290615	5/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2626.	SYSTEMS AND METHODS FOR OPERATING IMAGE SENSOR PIXELS HAVING DIFFERENT SENSITIVITIES AND SHARED CHARGE STORAGE REGIONS	14290814	5/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2627.	SEMICONDUCTOR DEVICE	14291159	5/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2628.	IMAGE SENSORS WITH METALLIC NANOPARTICLE OPTICAL FILTERS	14291628	5/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2629.	IMAGING SYSTEMS HAVING IMAGE SENSOR PIXEL ARRAYS WITH SUB-PIXEL RESOLUTION CAPABILITIES	14295203	6/3/2014	N/A	N/A	Semiconductor Components Industries, LLC
2630.	METHOD OF FORMING A SEMICONDUCTOR DEVICE INCLUDING TRENCH TERMINATION AND TRENCH STRUCTURE THEREFOR	14297204	6/5/2014	N/A	N/A	Semiconductor Components Industries, LLC
2631.	CURRENT SENSING CIRCUIT FOR SWITCHING POWER CONVERTERS	14301475	6/11/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2632.	IMAGING SYSTEMS FOR INFRARED AND VISIBLE IMAGING WITH PATTERNED INFRARED CUTOFF FILTERS	14316648	6/26/2014	N/A	N/A	Semiconductor Components Industries, LLC
2633.	METHOD OF MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE	14317739	6/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2634.	IMAGE PROCESSING METHODS FOR IMAGE SENSORS WITH PHASE DETECTION PIXELS	14319867	6/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2635.	PIXEL ARRANGEMENTS FOR IMAGE SENSORS WITH PHASE DETECTION PIXELS	14319916	6/30/2014	N/A	N/A	Semiconductor Components Industries, LLC
2636.	DEVICE AND METHOD FOR DETERMINING CAPACITANCE OF A DEVICE	14321999	7/2/2014	N/A	N/A	Semiconductor Components Industries, LLC
2637.	METHOD OF AND CIRCUIT FOR BROWN-OUT DETECTION	14336665	7/21/2014	N/A	N/A	Semiconductor Components Industries, LLC
2638.	CONTROL CIRCUIT OF LIGHT EMITTING ELEMENT	14336844	7/21/2014	N/A	N/A	Semiconductor Components Industries, LLC
2639.	BONDING STRUCTURE AND METHOD	14339524	7/24/2014	N/A	N/A	Semiconductor Components Industries, LLC
2640.	MOTOR CONTROL CIRCUIT	14340928	7/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2641.	WAFER LEVEL FLAT NO-LEAD SEMICONDUCTOR PACKAGES AND METHODS OF MANUFACTURE	14341454	7/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2642.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14444143	7/28/2014	N/A	N/A	Semiconductor Components Industries, LLC
2643.	POWER CONVERTER USING CHARGE PUMP DIVIDER AND METHOD THEREFOR	14448388	7/31/2014	N/A	N/A	Semiconductor Components Industries, LLC
2644.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14452130	8/5/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2645.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14452191	8/5/2014	N/A	N/A	Semiconductor Components Industries, LLC
2646.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14452222	8/5/2014	N/A	N/A	Semiconductor Components Industries, LLC
2647.	SEMICONDUCTOR PACKAGE FOR A LATERAL DEVICE AND RELATED METHODS	14453703	8/7/2014	N/A	N/A	Semiconductor Components Industries, LLC
2648.	IMAGE SENSORS FOR GENERATING FLOATING POINT NUMBERS	14455752	8/8/2014	N/A	N/A	Semiconductor Components Industries, LLC
2649.	METHOD OF FORMING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	14456959	8/11/2014	N/A	N/A	Semiconductor Components Industries, LLC
2650.	SELF TEST OF IMAGE SIGNAL CHAIN WHILE RUNNING IN STREAMING MODE	14456964	8/11/2014	N/A	N/A	Semiconductor Components Industries, LLC
2651.	FLOATING POINT IMAGE SENSORS WITH DIFFERENT INTEGRATION TIMES	14458108	8/12/2014	N/A	N/A	Semiconductor Components Industries, LLC
2652.	FLOATING POINT IMAGE SENSORS WITH TILE-BASED MEMORY	14459068	8/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2653.	IMAGING SYSTEMS AND METHODS FOR GENERATING BINNED HIGH-DYNAMIC-RANGE IMAGES	14459213	8/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2654.	IMAGING SYSTEMS HAVING LENS SUBSTRATES WITH TOTAL INTERNAL REFLECTION MITIGATION STRUCTURES	14460119	8/14/2014	N/A	N/A	Semiconductor Components Industries, LLC
2655.	IMAGING SYSTEMS AND METHODS FOR PERFORMING COLUMN-BASED IMAGE SENSOR PIXEL GAIN ADJUSTMENTS	14460966	8/15/2014	N/A	N/A	Semiconductor Components Industries, LLC
2656.	IMAGING SYSTEMS WITH STACKED IMAGE SENSORS	14461122	8/15/2014	N/A	N/A	Semiconductor Components Industries, LLC
2657.	IMAGE SENSORS WITH SILICIDE LIGHT SHIELDS	14464408	8/20/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2658.	IMAGE SENSORS WITH INTERCONNECTS IN COVER LAYER	14466770	8/22/2014	N/A	N/A	Semiconductor Components Industries, LLC
2659.	IMAGING SYSTEMS AND METHODS FOR IMAGE SIGNAL GAIN ADJUSTMENT	14468242	8/25/2014	N/A	N/A	Semiconductor Components Industries, LLC
2660.	METHOD FOR INSULATING SINGULATED ELECTRONIC DIE AND STRUCTURE	14469478	8/26/2014	N/A	N/A	Semiconductor Components Industries, LLC
2661.	IMAGE SENSORS WITH INTER-PIXEL LIGHT BLOCKING STRUCTURES	14469498	8/26/2014	N/A	N/A	Semiconductor Components Industries, LLC
2662.	RANGE MODULATED IMPLANTS FOR IMAGE SENSORS	14470584	8/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2663.	IMAGE PROCESSING METHODS FOR VISIBLE AND INFRARED IMAGING	14470841	8/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2664.	LENS ALIGNMENT IN CAMERA MODULES USING PHASE DETECTION PIXELS	14470862	8/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2665.	IMAGE SENSOR INTEGRATED CIRCUIT PACKAGE WITH REDUCED THICKNESS	14470863	8/27/2014	N/A	N/A	Semiconductor Components Industries, LLC
2666.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	14472492	8/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2667.	SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF	14472545	8/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2668.	IMAGING SYSTEMS AND METHODS FOR CAPTURING IMAGE DATA AT HIGH SCAN RATES	14473963	8/29/2014	N/A	N/A	Semiconductor Components Industries, LLC
2669.	COMPENSATED VOLTAGE REFERENCE GENERATION CIRCUIT AND METHOD	14480970	9/9/2014	N/A	N/A	Semiconductor Components Industries, LLC
2670.	METHODS FOR TRIGGERING FOR MULTI-CAMERA SYSTEM	14485549	9/12/2014	N/A	N/A	Semiconductor Components Industries, LLC
2671.	SEMICONDUCTOR DEVICE WITH ENHANCED MOBILITY AND METHOD	14504527	10/2/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2672.	COMMON DRAIN SEMICONDUCTOR DEVICE STRUCTURE AND METHOD	14518906	10/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2673.	SENSOR CIRCUIT AND METHOD THEREFOR	14533742	11/5/2014	N/A	N/A	Semiconductor Components Industries, LLC
2674.	IMAGE SENSORS WITH N-ROW PARALLEL READOUT CAPABILITY	14537805	11/10/2014	N/A	N/A	Semiconductor Components Industries, LLC
2675.	ELECTRODE CONTACT STRUCTURE FOR SEMICONDUCTOR DEVICE	14540073	11/13/2014	N/A	N/A	Semiconductor Components Industries, LLC
2676.	LOAD DETECTION CIRCUIT AND METHOD	14542778	11/17/2014	N/A	N/A	Semiconductor Components Industries, LLC
2677.	PACKAGE SUBSTRATE STRUCTURE FOR ENHANCED SIGNAL TRANSMISSION AND METHOD	14551277	11/24/2014	N/A	N/A	Semiconductor Components Industries, LLC
2678.	IMAGING SYSTEMS AND METHODS FOR GENERATING MOTION-COMPENSATED HIGH-DYNAMIC-RANGE IMAGES	14563887	12/8/2014	N/A	N/A	Semiconductor Components Industries, LLC
2679.	SEMICONDUCTOR PACKAGE AND METHOD THEREFOR	14568188	12/12/2014	N/A	N/A	Semiconductor Components Industries, LLC
2680.	MOTOR CONTROL CIRCUIT AND METHOD	14569139	12/12/2014	N/A	N/A	Semiconductor Components Industries, LLC
2681.	CHOPPER-STABILIZED AMPLIFIER AND METHOD THEREFOR	14574779	12/18/2014	N/A	N/A	Semiconductor Components Industries, LLC
2682.	ELECTRONIC CIRCUIT INCLUDING A SWITCH HAVING AN ASSOCIATED BREAKDOWN VOLTAGE AND A METHOD OF USING THE SAME	14576604	12/19/2014	N/A	N/A	Semiconductor Components Industries, LLC
2683.	SEMICONDUCTOR DEVICE HAVING A PATTERNED GATE DIELECTRIC	14577044	12/19/2014	N/A	N/A	Semiconductor Components Industries, LLC
2684.	MOTOR CONTROL CIRCUIT AND METHOD	14578431	12/20/2014	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2685.	MOTOR CONTROL CIRCUIT AND METHOD	14578432	12/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2686.	MOTOR CONTROL CIRCUIT AND METHOD	14578433	12/20/2014	N/A	N/A	Semiconductor Components Industries, LLC
2687.	MOTOR CONTROL CIRCUIT AND METHOD	14579163	12/22/2014	N/A	N/A	Semiconductor Components Industries, LLC
2688.	LOW DROPOUT VOLTAGE REGULATOR AND METHOD	14594451	1/12/2015	N/A	N/A	Semiconductor Components Industries, LLC
2689.	METHOD OF FORMING A SWITCHED MODE POWER SUPPLY CONTROLLER DEVICE WITH AN OFF MODE AND STRUCTURE THEREFOR	14606003	1/26/2015	N/A	N/A	Semiconductor Components Industries, LLC
2690.	METHOD OF REDUCING RESIDUAL CONTAMINATION IN SINGULATED SEMICONDUCTOR DIE	14612994	2/3/2015	N/A	N/A	Semiconductor Components Industries, LLC
2691.	INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD	14618571	2/10/2015	N/A	N/A	Semiconductor Components Industries, LLC
2692.	ELECTRONIC DEVICE INCLUDING A VERTICAL CONDUCTIVE STRUCTURE	14628987	2/23/2015	N/A	N/A	Semiconductor Components Industries, LLC
2693.	IMAGE SENSOR WITH FLEXIBLE INTERCONNECT CAPABILITIES	14633261	2/27/2015	N/A	N/A	Semiconductor Components Industries, LLC
2694.	SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME	14635669	3/2/2015	N/A	N/A	Semiconductor Components Industries, LLC
2695.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	14661080	3/18/2015	N/A	N/A	Semiconductor Components Industries, LLC
2696.	HIGH VOLTAGE CAPACITOR AND METHOD	14663587	3/20/2015	N/A	N/A	Semiconductor Components Industries, LLC
2697.	METHOD OF FORMING A BUS COUPLER AND STRUCTURE THEREFOR	14671455	3/27/2015	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2698.	SYSTEMS AND METHODS FOR IN-VEHICLE NETWORK CONTROLLED MEDIA-SYNCHRONIZED LIGHT SHOW	14675117	3/31/2015	N/A	N/A	Semiconductor Components Industries, LLC
2699.	POWER CONVERTER USING HYSTERETIC BOOST ARCHITECTURE AND METHOD THEREFOR	14686970	4/15/2015	N/A	N/A	Semiconductor Components Industries, LLC
2700.	SEMICONDUCTOR DIE SINGULATION METHOD	14690972	4/20/2015	N/A	N/A	Semiconductor Components Industries, LLC
2701.	FLEXIBLE PRESS FIT PINS FOR SEMICONDUCTOR PACKAGES AND RELATED METHODS	14703002	5/4/2015	N/A	N/A	Semiconductor Components Industries, LLC
2702.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	14725064	5/29/2015	N/A	N/A	Semiconductor Components Industries, LLC
2703.	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	14729234	6/3/2015	N/A	N/A	Semiconductor Components Industries, LLC
2704.	STRUCTURED LIGHT IMAGING SYSTEM	14729245	6/3/2015	N/A	N/A	Semiconductor Components Industries, LLC
2705.	ELECTRONIC DEVICE INCLUDING A CHANNEL LAYER INCLUDING A COMPOUND SEMICONDUCTOR MATERIAL	14741567	6/17/2015	N/A	N/A	Semiconductor Components Industries, LLC
2706.	DRIVE CIRCUIT AND METHOD	14751370	6/26/2015	N/A	N/A	Semiconductor Components Industries, LLC
2707.	CONVERTER AND METHOD	14791491	7/6/2015	N/A	N/A	Semiconductor Components Industries, LLC
2708.	IMAGE SENSOR WITH DUAL LAYER PHOTODIODE STRUCTURE	14793480	7/7/2015	N/A	N/A	Semiconductor Components Industries, LLC
2709.	SEMICONDUCTOR DIODE AND METHOD OF MANUFACTURE	14803365	7/20/2015	N/A	N/A	Semiconductor Components Industries, LLC
2710.	METHOD OF FORMING A SEQUENCING SYSTEM AND STRUCTURE THEREFOR	14804166	7/20/2015	N/A	N/A	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2711.	SEMICONDUCTOR DIE SINGULATION METHOD AND APPARATUS	14808729	7/24/2015	N/A	N/A	Semiconductor Components Industries, LLC
2712.	SEMICONDUCTOR DEVICES AND METHOD OF MAKING THE SAME	14809749	7/27/2015	N/A	N/A	Semiconductor Components Industries, LLC
2713.	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	14812200	7/29/2015	N/A	N/A	Semiconductor Components Industries, LLC
2714.	HIGH ELECTRON MOBILITY SEMICONDUCTOR DEVICE AND METHOD THEREFOR	14814106	7/30/2015	N/A	N/A	Semiconductor Components Industries, LLC
2715.	RESIN SEALING TYPE SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME, AND LEAD FRAME	14844427	9/3/2015	N/A	N/A	Semiconductor Components Industries, LLC
2716.	METHOD OF FORMING A SEMICONDUCTOR DIE	14849779	9/10/2015	N/A	N/A	Semiconductor Components Industries, LLC
2717.	IMAGING SYSTEMS WITH CLEAR FILTER PIXELS	14871520	9/30/2015	N/A	N/A	Semiconductor Components Industries, LLC
2718.	DETECTING TRANSIENT SIGNALS USING STACKED-CHIP IMAGING SYSTEMS	14881452	10/13/2015	N/A	N/A	Semiconductor Components Industries, LLC
2719.	METHOD OF FORMING A SEMICONDUCTOR DIE CUTTING TOOL	14885804	10/16/2015	N/A	N/A	Semiconductor Components Industries, LLC
2720.	SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14939873	11/12/2015	N/A	N/A	Semiconductor Components Industries, LLC
2721.	METHOD FOR PROGRAMMABLE INTEGRATED PASSIVE DEVICES	09817961	3/26/2001	RE38550	7/6/2004	Semiconductor Components Industries, LLC
2722.	METHOD OF MAKING ANTIFUSE BASED ON SILICIDED SINGLE POLYSILICON BIPOLAR TRANSISTOR	08820475	03/17/1997	5920771	07/06/1999	Semiconductor Components Industries, LLC
2723.	LOW VOLTAGE SINGLE POLY DEEP SUB-MICRON FLASH EEPROM	09851155	05/09/2001	6631087	10/07/2003	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2724.	PERIMETER ANCHORED THICK FILM PAD	09992678	11/19/2001	6583019	06/24/2003	Semiconductor Components Industries, LLC
2725.	DIGITAL QUASI-RMS DETECTOR	10125185	04/18/2002	7076073	07/11/2006	Semiconductor Components Industries, LLC
2726.	LOW-POWER RECONFIGURABLE HEARING INSTRUMENT	10218813	08/14/2002	7113589	09/26/2006	Semiconductor Components Industries, LLC
2727.	SOLDER BUMPED SUBSTRATE FOR A FINE PITCH FLIP-CHIP INTEGRATED CIRCUIT PACKAGE	10350851	01/24/2003	6734570	05/11/2004	Semiconductor Components Industries, LLC
2728.	LOW-NOISE DIRECTIONAL MICROPHONE SYSTEM	10383141	03/06/2003	7409068	08/05/2008	Semiconductor Components Industries, LLC
2729.	LOW VOLTAGE SINGLE POLY DEEP SUB-MICRON FLASH EEPROM	10437000	05/14/2003	6731541	05/04/2004	Semiconductor Components Industries, LLC
2730.	SYSTEM AND METHOD FOR TRANSMITTING AUDIO VIA A SERIAL DATA PORT IN A HEARING INSTRUMENT	10822519	04/12/2004	7430299	09/30/2008	Semiconductor Components Industries, LLC
2731.	FACEPLATE MOAT AND CUT OUT FOR HEARING INSTRUMENT	11003667	12/03/2004	7409069	08/05/2008	Semiconductor Components Industries, LLC
2732.	LOW-POWER RECONFIGURABLE HEARING INSTRUMENT	11523147	09/19/2006	8289990	10/16/2012	Semiconductor Components Industries, LLC
2733.	SINGLE TRANSISTOR NON-VOLATILE ELECTRICALLY ALTERABLE SEMICONDUCTOR MEMORY DEVICE	8681444	7/22/1996	5793079	8/11/1998	Semiconductor Components Industries, LLC
2734.	DYNAMIC THRESHOLDING MODULE	9322374	5/28/1999	6381378	4/30/2002	Semiconductor Components Industries, LLC
2735.	SINGLE OR MULTI CHIP MODULE PACKAGE AND RELATED METHODS	14484141	9/11/2014			Semiconductor Components Industries, LLC
2736.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14508266	10/7/2014			Semiconductor Components Industries, LLC
2737.	METHOD AND SYSTEM FOR EXTENDING DIE SIZE AND PACKAGED SEMICONDUCTOR	14509686	10/8/2014			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	DEVICES INCORPORATING THE SAME					
2738.	ELECTRIC CIRCUIT AND METHOD OF MANUFACTURE	14511157	10/9/2014			Semiconductor Components Industries, LLC
2739.	INTEGRATED FLOATING DIODE STRUCTURE AND METHOD THEREFOR	14512936	10/13/2014			Semiconductor Components Industries, LLC
2740.	PACKAGED SEMICONDUCTOR DEVICES AND RELATED METHODS	14516289	10/16/2014			Semiconductor Components Industries, LLC
2741.	CIRCUITRY FOR BIASING LIGHT SHIELDING STRUCTURES AND DEEP TRENCH ISOLATION STRUCTURES	14518862	10/20/2014			Semiconductor Components Industries, LLC
2742.	CONTROL CIRCUIT AND METHOD	14520452	10/22/2014			Semiconductor Components Industries, LLC
2743.	ELECTRONIC DEVICE INCLUDING AN ISOLATION STRUCTURE	14524053	10/27/2014			Semiconductor Components Industries, LLC
2744.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14531380	11/3/2014			Semiconductor Components Industries, LLC
2745.	SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE	14534482	11/6/2014			Semiconductor Components Industries, LLC
2746.	PIXEL ISOLATION REGIONS FORMED WITH DOPED EPITAXIAL LAYER	14543793	11/18/2014			Semiconductor Components Industries, LLC
2747.	IMAGE SENSOR PIXELS HAVING BUILT-IN VARIABLE GAIN FEEDBACK AMPLIFIER CIRCUITRY	14553822	11/25/2014			Semiconductor Components Industries, LLC
2748.	IMAGE SENSOR PIXELS HAVING P-CHANNEL SOURCE FOLLOWER TRANSISTORS AND INCREASED PHOTODIODE CHARGE STORAGE CAPACITY	14553829	11/25/2014			Semiconductor Components Industries, LLC
2749.	GLOBAL SHUTTER IMAGE SENSOR PIXELS HAVING IMPROVED SHUTTER EFFICIENCY	14554914	11/26/2014			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2750.	NON-VOLATILE MEMORY CELL AND METHOD OF MANUFACTURE	14561731	12/5/2014			Semiconductor Components Industries, LLC
2751.	ELECTRONIC DEVICE HAVING AN ELECTRONIC COMPONENT AND A PROCESS OF FORMING THE SAME	14565713	12/10/2014			Semiconductor Components Industries, LLC
2752.	SYSTEMS AND METHODS FOR PIXEL-LEVEL DARK CURRENT COMPENSATION IN IMAGE SENSORS	14566393	12/10/2014			Semiconductor Components Industries, LLC
2753.	DRIVER INTERFACE FOR CAPTURING IMAGES USING AUTOMOTIVE IMAGE SENSORS	14568988	12/12/2014			Semiconductor Components Industries, LLC
2754.	IMAGE SENSOR SYSTEM FOR DETECTION AND INFORMATION PROCESSING	14577759	12/19/2014			Semiconductor Components Industries, LLC
2755.	METHODS OF FORMING IMAGE SENSOR INTEGRATED CIRCUIT PACKAGES	14586225	12/30/2014			Semiconductor Components Industries, LLC
2756.	IMAGING SYSTEMS WITH PHASE DETECTION PIXELS	14590819	1/6/2015			Semiconductor Components Industries, LLC
2757.	IMAGE SENSORS WITH MULTI-FUNCTIONAL PIXEL CLUSTERS	14591763	1/7/2015			Semiconductor Components Industries, LLC
2758.	PRECISE AND DYNAMIC CONTROL OF SYNCHRONOUS RECTIFICATION SWITCH VOLTAGE IN A SWITCHED MODE POWER SUPPLY	14596980	1/14/2015			Semiconductor Components Industries, LLC
2759.	DARK CURRENT GRADIENT ESTIMATION USING OPTICALLY BLACK PIXELS	14606562	1/27/2015			Semiconductor Components Industries, LLC
2760.	SEMICONDUCTOR PACKAGES WITH AN INTERMETALLIC LAYER AND RELATED METHODS	14606667	1/27/2015			Semiconductor Components Industries, LLC
2761.	GLOBAL SHUTTER IMAGE SENSOR PIXELS HAVING CENTRALIZED CHARGE STORAGE REGIONS	14608366	1/29/2015			Semiconductor Components Industries, LLC
2762.	PREAMPLIFIER AND METHOD	14608761	1/29/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2763.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14609500	1/30/2015			Semiconductor Components Industries, LLC
2764.	DIRECT BONDED COPPER SEMICONDUCTOR PACKAGES AND RELATED METHODS	14610115	1/30/2015			Semiconductor Components Industries, LLC
2765.	IMAGE SENSORS WITH PHASE DETECTION PIXELS	14614104	2/4/2015			Semiconductor Components Industries, LLC
2766.	METHODS OF ENFORCING PRIVACY REQUESTS IN IMAGING SYSTEMS	14620030	2/11/2015			Semiconductor Components Industries, LLC
2767.	DYNAMIC AUTO FOCUS ZONES FOR AUTO FOCUS PIXEL SYSTEMS	14621025	2/12/2015			Semiconductor Components Industries, LLC
2768.	SEMICONDUCTOR PACKAGES WITH SUB-TERMINALS AND RELATED METHODS	14624893	2/18/2015			Semiconductor Components Industries, LLC
2769.	DUAL PHOTODIODE IMAGE PIXELS WITH PREFERENTIAL BLOOMING PATH	14624917	2/18/2015			Semiconductor Components Industries, LLC
2770.	SEMICONDUCTOR PACKAGE WITH ELASTIC COUPLER AND RELATED METHODS	14626758	2/19/2015			Semiconductor Components Industries, LLC
2771.	HIGH DYNAMIC RANGE IMAGING SYSTEMS HAVING DIFFERENTIAL PHOTODIODE EXPOSURES	14633837	2/27/2015			Semiconductor Components Industries, LLC
2772.	TRENCH SEMICONDUCTOR DEVICE HAVING MULTIPLE TRENCH DEPTHS AND METHOD	14640240	3/6/2015			Semiconductor Components Industries, LLC
2773.	TRENCH SEMICONDUCTOR DEVICE HAVING MULTIPLE ACTIVE TRENCH DEPTHS AND METHOD	14640242	3/6/2015			Semiconductor Components Industries, LLC
2774.	IMAGE SENSORS WITH CONTAMINATION BARRIER STRUCTURES	14644456	3/11/2015			Semiconductor Components Industries, LLC
2775.	IMAGE SENSORS WITH INCREASED STACK HEIGHT FOR PHASE DETECTION PIXELS	14656400	3/12/2015			Semiconductor Components Industries, LLC
2776.	OPEN CIRCUIT DETECTION FOR INDUCTIVE SENSORS	14661606	3/18/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2777.	PRESS-FIT PIN FOR SEMICONDUCTOR PACKAGES AND RELATED METHODS	14662591	3/19/2015			Semiconductor Components Industries, LLC
2778.	SEMICONDUCTOR DEVICE AND METHOD THEREFOR	14665175	3/23/2015			Semiconductor Components Industries, LLC
2779.	IMAGING SYSTEMS WITH EMBEDDED DATA TRANSMISSION CAPABILITIES	14667228	3/24/2015			Semiconductor Components Industries, LLC
2780.	IMAGING SYSTEMS HAVING IMAGE SENSOR PIXEL ARRAYS WITH PHASE DETECTION CAPABILITIES	14667286	3/24/2015			Semiconductor Components Industries, LLC
2781.	IMAGING SYSTEMS WITH DATA ENCRYPTION AND EMBEDDING CAPABALITIES	14667406	3/24/2015			Semiconductor Components Industries, LLC
2782.	IMAGING SYSTEMS AND METHODS FOR TRANSIENT SIGNAL INTEGRITY VERIFICATION	14667436	3/24/2015			Semiconductor Components Industries, LLC
2783.	METHODS OF FORMING CURVED IMAGE SENSORS	14667457	3/24/2015			Semiconductor Components Industries, LLC
2784.	REMOVABLE PROTECTIVE CAP FOR AN IMAGE SENSOR	14667489	3/24/2015			Semiconductor Components Industries, LLC
2785.	CURRENT SENSE AMPLIFER WITH EXTENDED COMMON MODE INPUT VOLTAGE RANGE	14668809	3/25/2015			Semiconductor Components Industries, LLC
2786.	MONITORING VIBRATION MOTOR INDUCED VOLTAGE SLOPE TO CONTROL HAPTIC FEEDBACK	14670301	3/26/2015			Semiconductor Components Industries, LLC
2787.	SYSTEMS AND METHODS FOR PULSE WIDTH MODULATED CONTROL OF A SEMICONDUCTOR SWITCH	14670818	3/27/2015			Semiconductor Components Industries, LLC
2788.	METHOD OF FORMING A SHALLOW PINNED PHOTODIODE	14675363	3/31/2015			Semiconductor Components Industries, LLC
2789.	MULTI-FUNCTIONAL DISPLAYS	14675863	4/1/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2790.	IMAGING SYSTEMS WITH REAL-TIME DIGITAL TESTING CAPABILITIES	14675877	4/1/2015			Semiconductor Components Industries, LLC
2791.	METHODS FOR FORMING IMAGE SENSORS WITH INTEGRATED BOND PAD STRUCTURES	14681238	4/8/2015			Semiconductor Components Industries, LLC
2792.	IMAGING SYSTEMS WITH STACKED PHOTODIODES AND CHROMA-LUMA DE-NOISING	14681250	4/8/2015			Semiconductor Components Industries, LLC
2793.	METHODS FOR INTEGRATING BOND PAD STRUCTURES WITH LIGHT SHIELDING STRUCTURES ON AN IMAGE SENSOR	14681940	4/8/2015			Semiconductor Components Industries, LLC
2794.	INHIBITING EXCESSIVE BATTERY DISCHARGE USING BATTERY VOLTAGE AND CAPACITY MEASUREMENTS	14683382	4/10/2015			Semiconductor Components Industries, LLC
2795.						Semiconductor Components Industries, LLC
2796.	IMAGE SENSOR PIXELS WITH MULTIPLE COMPARTMENTS	14685909	4/14/2015			Semiconductor Components Industries, LLC
2797.						Semiconductor Components Industries, LLC
2798.	IMAGE SENSOR PIXELS WITH ADJUSTABLE BODY BIAS	14686570	4/14/2015			Semiconductor Components Industries, LLC
2799.	ELECTRONIC DEVICES INCLUDING A III-V TRANSISTOR HAVING A HOMOSTRUCTURE AND A PROCESS OF FORMING THE SAME	14690703	4/20/2015			Semiconductor Components Industries, LLC
2800.	IMAGING SYSTEMS AND METHODS FOR PERFORMING UNBOOSTED IMAGE SENSOR PIXEL CONVERSION GAIN ADJUSTMENTS	14692512	4/21/2015			Semiconductor Components Industries, LLC
2801.	MOTOR DRIVE CIRCUIT AND METHOD	14693005	4/22/2015			Semiconductor Components Industries, LLC
2802.	MOTOR DRIVE CIRCUIT AND METHOD	14693050	4/22/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2803.	DC-DC CONVERTER LOAD CURRENT ESTIMATION CIRCUIT	14693994	4/23/2015			Semiconductor Components Industries, LLC
2804.	ADJUSTING FEEDBACK VOLTAGE RIPPLE AMPLITUDE TO CONTROL POWER SUPPLY SWITCHING FREQUENCY	14699042	4/29/2015			Semiconductor Components Industries, LLC
2805.	PIXEL ISOLATION REGIONS FORMED WITH CONDUCTIVE LAYERS	14702883	5/4/2015			Semiconductor Components Industries, LLC
2806.	ELECTRONIC DEVICE INCLUDING A MATERIAL DEFINING A VOID AND A PROCESS OF FORMING THE SAME	14713603	5/15/2015			Semiconductor Components Industries, LLC
2807.	INTEGRATED CIRCUIT INCLUDING A DIODE AND TRANSISTORS IN A CASCODE CONFIGURATION	14713777	5/15/2015			Semiconductor Components Industries, LLC
2808.	METHODS AND APPARATUS FOR GENERATING TEST AND OVERLAY PATTERNS IN IMAGE SENSORS	14717750	5/20/2015			Semiconductor Components Industries, LLC
2809.	IMAGING SYSTEMS WITH INTEGRATED LIGHT SHIELD STRUCTURES	14723147	5/27/2015			Semiconductor Components Industries, LLC
2810.	MULTI-RESOLUTION PIXEL ARCHITECTURE WITH SHARED FLOATING DIFFUSION NODES	14723233	5/27/2015			Semiconductor Components Industries, LLC
2811.	IMAGE SENSOR WITH HEATING EFFECT AND RELATED METHODS	14723675	5/28/2015			Semiconductor Components Industries, LLC
2812.	BOTTOM-GATE THIN-BODY TRANSISTORS FOR STACKED WAFER INTEGRATED CIRCUITS	14723719	5/28/2015			Semiconductor Components Industries, LLC
2813.	SYSTEMS AND METHODS FOR DETECTING ULTARVIOLET LIGHT USING IMAGE SENSORS	14725121	5/29/2015			Semiconductor Components Industries, LLC
2814.	INSULATED GATE BIPOLAR TRANSISTOR (IGBT) AND RELATED METHODS	14728099	6/2/2015			Semiconductor Components Industries, LLC
2815.	DIE STACKED IMAGE SENSORS AND RELATED METHODS	14728111	6/2/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2816.	MONOLITHICALLY STACKED IMAGE SENSORS	14729606	6/3/2015			Semiconductor Components Industries, LLC
2817.	THREE-PHASE BRUSHLESS MOTOR STATE IDENTIFICATION	14731530	6/5/2015			Semiconductor Components Industries, LLC
2818.	IMAGING SYSTEMS HAVING COLUMN READOUT CIRCUITRY WITH TEST DATA INJECTION CAPABILITIES	14736480	6/11/2015			Semiconductor Components Industries, LLC
2819.	PASSIVE TUNABLE INTEGRATED CIRCUIT (PTIC) AND RELATED METHODS	14742301	6/17/2015			Semiconductor Components Industries, LLC
2820.	CASCODE SEMICONDUCTOR PACKAGE AND RELATED METHODS	14744743	6/19/2015			Semiconductor Components Industries, LLC
2821.	IMAGE SENSORS WITH VOLTAGE-BIASED TRENCH ISOLATION STRUCTURES	14747021	6/23/2015			Semiconductor Components Industries, LLC
2822.	IMAGE SENSOR WITH HIGH DYNAMIC RANGE AND METHOD	14748513	6/24/2015			Semiconductor Components Industries, LLC
2823.	IMAGE SENSOR PIXELS WITH CONDUCTIVE BIAS GRIDS	14755745	6/30/2015			Semiconductor Components Industries, LLC
2824.	IMAGE SENSORS WITH BACKSIDE TRENCH STRUCTURES	14788168	6/30/2015			Semiconductor Components Industries, LLC
2825.	METHODS FOR CLOCKING AN IMAGE SENSOR	14796581	7/10/2015			Semiconductor Components Industries, LLC
2826.	RECESSED LEAD LEADFRAME PACKAGES	14800881	7/16/2015			Semiconductor Components Industries, LLC
2827.	HIGH DYNAMIC RANGE IMAGING PIXELS WITH LOGARITHMIC RESPONSE	14806249	7/22/2015			Semiconductor Components Industries, LLC
2828.	OPTICAL TOUCH SCREEN SYSTEM USING RADIATION PATTERN SENSING AND METHOD THEREFOR	14806388	7/22/2015			Semiconductor Components Industries, LLC
2829.	CIRCUIT AND AN INTEGRATED CIRCUIT INCLUDING A TRANSISTOR AND ANOTHER	14808627	7/24/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	COMPONENT COUPLED THERETO					
2830.	INDUCTIVE-ENERGY-BASED AUTO-TUNING DC-TO-DC CONTROLLER	14808708	7/24/2015			Semiconductor Components Industries, LLC
2831.	PROGRAMMABLE BATTERY PROTECTION SYSTEM AND RELATED METHODS	14809425	7/27/2015			Semiconductor Components Industries, LLC
2832.	AUTOMATICALLY PROGRAMMABLE BATTERY PROTECTION SYSTEM AND RELATED METHODS	14811973	7/29/2015			Semiconductor Components Industries, LLC
2833.	DIE BONDING TO A BOARD	14812846	7/29/2015			Semiconductor Components Industries, LLC
2834.	FLIP CHIP BONDING ALLOYS	14812861	7/29/2015			Semiconductor Components Industries, LLC
2835.	AUTOMATICALLY PROGRAMMABLE BATTERY PROTECTION SYSTEM AND RELATED METHODS	14813314	7/30/2015			Semiconductor Components Industries, LLC
2836.	BATTERY PROTECTION SYSTEM WITH REFERENCE VOLTAGE CONTROL SYSTEM	14814305	7/30/2015			Semiconductor Components Industries, LLC
2837.	BATTERY SYSTEM RESET SYSTEMS AND RELATED METHODS	14814662	7/31/2015			Semiconductor Components Industries, LLC
2838.	SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE	14816520	8/3/2015			Semiconductor Components Industries, LLC
2839.	INTEGRATED CIRCUIT CONTROL OF ANTI-SERIES SWITCHES	14820597	8/7/2015			Semiconductor Components Industries, LLC
2840.	SEMICONDUCTOR DIE BACK LAYER SEPARATION METHOD	14827110	8/14/2015			Semiconductor Components Industries, LLC
2841.	SYSTEMS AND METHODS FOR WEIGHTED IMAGE SIGNAL READOUT	14831437	8/20/2015			Semiconductor Components Industries, LLC
2842.	BULK CURRENT REGULATION LOOP	14833229	8/24/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2843.	BACK-SIDE ILLUMINATED PIXELS WITH INTERCONNECT LAYERS	14836599	8/26/2015			Semiconductor Components Industries, LLC
2844.	ELECTRONIC DEVICE INCLUDING A DRIFT REGION, A DRAIN REGION, AND A RESURF REGION AND A PROCESS OF FORMING THE SAME	14837228	8/27/2015			Semiconductor Components Industries, LLC
2845.	SENSOR-LESS CIRCUIT AND METHOD FOR DETECTING A ROTOR POSITION	14838782	8/28/2015			Semiconductor Components Industries, LLC
2846.	SENSOR-LESS CIRCUIT AND METHOD FOR DETECTING A ROTOR POSITION	14838834	8/28/2015			Semiconductor Components Industries, LLC
2847.	AUTOMATIC ZEROING AND DETECTION CIRCUIT AND METHOD	14838897	8/28/2015			Semiconductor Components Industries, LLC
2848.	CIRCUIT INCLUDING A RECTIFYING ELEMENT, AN ELECTRONIC DEVICE INCLUDING A DIODE AND A PROCESS OF FORMING THE SAME	14841530	8/31/2015			Semiconductor Components Industries, LLC
2849.	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	14842571	9/1/2015			Semiconductor Components Industries, LLC
2850.	TUNABLE/DE-TUNABLE WIRELESS POWER RESONATOR SYSTEM AND RELATED METHODS	14843819	9/2/2015			Semiconductor Components Industries, LLC
2851.	FIELD-EFFECT TRANSISTOR WITH INTEGRATED SCHOTTKY CONTACT	14843852	9/2/2015			Semiconductor Components Industries, LLC
2852.	POWER-DOWN DISCHARGER	14844927	9/3/2015			Semiconductor Components Industries, LLC
2853.	ELECTRICAL SAFETY DEVICE MISWIRE DETECTION	14850271	9/10/2015			Semiconductor Components Industries, LLC
2854.	HIGH EFFICIENCY IMAGE SENSOR PIXELS WITH DEEP TRENCH ISOLATION STRUCTURES AND EMBEDDED REFLECTORS	14852194	9/11/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2855.	ELECTROSTATIC DISCHARGE (ESD) ROBUST TRANSISTORS AND RELATED METHODS	14852912	9/14/2015			Semiconductor Components Industries, LLC
2856.	TRIGGERED-EVENT SIGNALING WITH DIGITAL ERROR REPORTING	14853307	9/14/2015			Semiconductor Components Industries, LLC
2857.	HETEROJUNCTION SEMICONDUCTOR DEVICE HAVING INTEGRATED CLAMPING DEVICE	14853720	9/14/2015			Semiconductor Components Industries, LLC
2858.	CASCODE SEMICONDUCTOR DEVICE STRUCTURE AND METHOD THEREFOR	14853729	9/14/2015			Semiconductor Components Industries, LLC
2859.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THERFOR	14856040	9/16/2015			Semiconductor Components Industries, LLC
2860.	METHOD OF FORMING A SEMICONDUCTOR DEVICE AND STRUCTURE THERFOR	14856070	9/16/2015			Semiconductor Components Industries, LLC
2861.	PIXELS WITH AN ACTIVE RESET CIRCUIT IN CMOS IMAGE SENSORS	14862830	9/23/2015			Semiconductor Components Industries, LLC
2862.	HIGH DYNAMIC RANGE AND GLOBAL SHUTTER IMAGE SENSOR PIXELS HAVING CHARGE OVERFLOW SIGNAL DETECTING STRUCTURES	14862859	9/23/2015			Semiconductor Components Industries, LLC
2863.	SPREAD SPECTRUM CLOCK GENERATOR AND METHOD THEREFOR	14864060	9/24/2015			Semiconductor Components Industries, LLC
2864.	CALIBRATION FOR SPREAD SPECTRUM CLOCK GENERATOR AND METHOD THEREFOR	14864135	9/24/2015			Semiconductor Components Industries, LLC
2865.	SEMICONDUCTOR STRUCTURE INCLUDING A DOPED BUFFER LAYER AND A CHANNEL LAYER AND A PROCESS OF FORMING THE SAME	14867131	9/28/2015			Semiconductor Components Industries, LLC
2866.	METHOD FOR FORMING A SEMICONDUCTOR IMAGE SENSOR DEVICE AND STRUCTURE	14869490	9/29/2015			Semiconductor Components Industries, LLC
2867.	PLASMA ETCH SINGULATED SEMICONDUCTOR PACKAGES AND RELATED METHODS	14870440	9/30/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2868.	PIXELS WITH MULTIPLE CHARGE STORAGE REGIONS	14870522	9/30/2015			Semiconductor Components Industries, LLC
2869.	IMAGING SYSTEMS WITH FLICKER MITIGATION AND HIGH DYNAMIC RANGE	14870578	9/30/2015			Semiconductor Components Industries, LLC
2870.	EFFICIENT MULTI-MODE DC-DC CONVERTER	14873406	10/2/2015			Semiconductor Components Industries, LLC
2871.	MOTOR CONTROLLER WITH FLEXIBLE PROTECTION MODES	14875884	10/6/2015			Semiconductor Components Industries, LLC
2872.	PIXELS WITH A GLOBAL SHUTTER AND HIGH DYNAMIC RANGE	14877722	10/7/2015			Semiconductor Components Industries, LLC
2873.	TRANSDUCER CONTROLLER AND METHOD THEREFOR	14919030	10/21/2015			Semiconductor Components Industries, LLC
2874.	SEMICONDUCTOR DEVICE HAVING LOCALIZED CHARGE BALANCE STRUCTURE AND METHOD	14930060	11/2/2015			Semiconductor Components Industries, LLC
2875.	TEMPERATURE STABLE REFERENCE CURRENT	14936927	11/10/2015			Semiconductor Components Industries, LLC
2876.	DIGITAL-TO-ANALOG CONVERTER	14937175	11/10/2015			Semiconductor Components Industries, LLC
2877.	ELECTRONIC DEVICE INCLUDING A DIODE	14945735	11/19/2015			Semiconductor Components Industries, LLC
2878.	CONTROL CIRCUIT AND METHOD	14951744	11/25/2015			Semiconductor Components Industries, LLC
2879.	IMAGERS WITH DEPTH SENSING CAPABILITIES	14966045	12/11/2015			Semiconductor Components Industries, LLC
2880.	SEMICONDUCTOR WAFER INCLUDING A MONOCRYSTALLINE SEMICONDUCTOR LAYER SPACED APART FROM A POLY TEMPLATE LAYER	14966649	12/11/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2881.	TRIMMING METHOD FOR CURRENT SENSE AMPLIFIERS	14967529	12/14/2015			Semiconductor Components Industries, LLC
2882.	METHOD OF FORMING A SEMICONDUCTOR DEVICE	14971732	12/16/2015			Semiconductor Components Industries, LLC
2883.	PROGRAMMABLE BATTERY PROTECTION SYSTEM AND RELATED METHODS	14983863	12/30/2015			Semiconductor Components Industries, LLC
2884.	METHOD OF FORMING A HIGH ELECTRON MOBILITY SEMICONDUCTOR DEVICE AND STRUCTURE THEREFOR	14989370	1/6/2016			Semiconductor Components Industries, LLC
2885.	INSULATED GATE SEMICONDUCTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE AND METHOD	14992106	1/11/2016			Semiconductor Components Industries, LLC
2886.	IMAGING SYSTEMS WITH BACKSIDE ISOLATION TRENCHES	14994534	1/13/2016			Semiconductor Components Industries, LLC
2887.	METHOD OF MANUFACTURING A CIRCUIT DEVICE	15003958	1/22/2016			Semiconductor Components Industries, LLC
2888.	SEMICONDUCTOR DEVICE HAVING LOCALIZED CHARGE BALANCE STRUCTURE AND METHOD	15009380	1/28/2016			Semiconductor Components Industries, LLC
2889.	POWER CONVERTER WITH HYSTERETIC BUCK-BOOST ARCHITECTURE AND METHOD THEREFOR	15019288	2/9/2016			Semiconductor Components Industries, LLC
2890.	SCHOTTKY DEVICE AND METHOD OF MANUFACTURE	15040650	2/10/2016			Semiconductor Components Industries, LLC
2891.	OVER POWER PROTECTION FOR POWER CONVERTER	15042357	2/12/2016			Semiconductor Components Industries, LLC
2892.	METHOD OF FORMING A SEMICONDUCTOR DEVICE INCLUDING TRENCH TERMINATION AND TRENCH STRUCTURE THEREFOR	15047874	2/19/2016			Semiconductor Components Industries, LLC
2893.	IMAGE SENSOR WITH BURIED-CHANNEL DRAIN (BCD) TRANSISTORS	15052574	2/24/2016			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2894.	HYBRID CIRCUIT DEVICE	15054233	2/26/2016			Semiconductor Components Industries, LLC
2895.	SEMICONDUCTOR PACKAGES AND RELATED METHODS	15063011	3/7/2016			Semiconductor Components Industries, LLC
2896.	METHOD TO IMPROVE ANALOG FAULT COVERAGE USING TEST DIODES	15073009	3/17/2016			Semiconductor Components Industries, LLC
2897.	TUNABLE RESONANT INDUCTIVE COIL SYSTEMS FOR WIRELESS POWER TRANSFER AND NEAR FIELD COMMUNICATIONS	15073106	3/17/2016			Semiconductor Components Industries, LLC
2898.	FUSE ELEMENT PROGRAMMING CIRCUIT AND METHOD	15073121	3/17/2016			Semiconductor Components Industries, LLC
2899.	ULTRASONIC CONTROL SYSTEM AND METHOD FOR A BUCK-BOOST POWER CONVERTER	15084345	3/29/2016			Semiconductor Components Industries, LLC
2900.	WIRE BONDING SYSTEMS AND RELATED METHODS	15091436	4/5/2016			Semiconductor Components Industries, LLC
2901.	AREA-FRIENDLY METHOD FOR PROVIDING DUTY CYCLE INVERSE TO SUPPLY VOLTAGE	15092904	4/7/2016			Semiconductor Components Industries, LLC
2902.	CONTROLLING AN OUTPUT SIGNAL INDEPENDENTLY OF THE FIRST HARMONIC	15092982	4/7/2016			Semiconductor Components Industries, LLC
2903.	POWER DEVICE PACKAGE	29517863	2/18/2015			Semiconductor Components Industries, LLC
2904.	Q0PACK PLASTIC CASE DESIGN	29517865	2/18/2015			Semiconductor Components Industries, LLC
2905.	LEVEL SENSOR AND METHOD	PCTUS2015 047248	8/27/2015			Semiconductor Components Industries, LLC
2906.	CIRCUITRY FOR BIASING LIGHT SHIELDING STRUCTURES AND DEEP TRENCH ISOLATION STRUCTURES	PCTUS2015 056371	10/20/2015			Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2907.	SEMICONDUCTOR PACKAGES WITH AN INTERMETALLIC LAYER AND RELATED METHODS	PCTUS2015 064521	12/8/2015			Semiconductor Components Industries, LLC
2908.	SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE	PCTUS2015 48969	9/8/2015			Semiconductor Components Industries, LLC
2909.	SYSTEMS AND METHODS FOR PULSE WIDTH MODULATED CONTROL OF A SEMICONDUCTOR SWITCH	PCTUS2016 017152	2/9/2016			Semiconductor Components Industries, LLC
2910.	ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY CELL	13782122	3/1/2013	8669604	3/11/2014	Semiconductor Components Industries, LLC
2911.	SYSTEM AND METHOD FOR COMBINING FOCUS BRACKET IMAGES	13870387	4/25/2013	9288377	3/15/2016	Semiconductor Components Industries, LLC
2912.	SEMICONDUCTOR DEVICE WITH ENHANCED MOBILITY AND METHOD	13895197	5/15/2013	8878286	11/4/2014	Semiconductor Components Industries, LLC
2913.	SEMICONDUCTOR DIODE AND METHOD OF MANUFACTURE	13931017	6/28/2013	8815682	8/26/2014	Semiconductor Components Industries, LLC
2914.	ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY STRUCTURE HAVING AN ANTIFUSE COMPONENT	13953874	7/30/2013	8803282	8/12/2014	Semiconductor Components Industries, LLC
2915.	ELECTRONIC DEVICE INCLUDING A GATE ELECTRODE AND A GATE TAP	13959936	8/6/2013	8648410	2/11/2014	Semiconductor Components Industries, LLC
2916.	SEMICONDUCTOR DEVICE HAVING A VERTICALLY-ORIENTED CONDUCTIVE REGION THAT ELECTRICALLY CONNECTS A TRANSISTOR STRUCTURE TO A SUBSTRATE	14019375	9/5/2013	RE45365	2/10/2015	Semiconductor Components Industries, LLC
2917.	ELECTRONIC DEVICE INCLUDING A TAPERED TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	14051084	10/10/2013	9064949	6/23/2015	Semiconductor Components Industries, LLC
2918.	SEMICONDUCTOR DIE SINGULATION APPARATUS AND METHOD	14094082	12/2/2013	8962452	2/24/2015	Semiconductor Components Industries, LLC
2919.	ELECTRONIC DEVICE INCLUDING A TRANSISTOR AND A VERTICAL CONDUCTIVE STRUCTURE	14099214	12/6/2013	8872276	10/28/2014	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2920.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	14103508	12/11/2013			Semiconductor Components Industries, LLC
2921.	ELECTRONIC DEVICE COMPRISING CONDUCTIVE STRUCTURES AND AN INSULATING LAYER BETWEEN THE CONDUCTIVE STRUCTURES AND WITHIN A TRENCH	14106504	12/13/2013	9159797	10/13/2015	Semiconductor Components Industries, LLC
2922.	ELECTRONIC DEVICE COMPRISING A CONDUCTIVE STRUCTURE AND AN INSULATING LAYER WITHIN A TRENCH	14171427	2/3/2014	9006821	4/14/2015	Semiconductor Components Industries, LLC
2923.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	14176185	2/10/2014	8969956	3/3/2015	Semiconductor Components Industries, LLC
2924.	METHOD FOR DETECTING A TYPE OF CHARGER COUPLED TO AN INPUT-OUTPUT CIRCUIT AND INPUT-OUTPUT CIRCUIT THEREFOR	14449619	8/1/2014			Semiconductor Components Industries, LLC
2925.	ELECTRONIC DEVICE AND A TRANSISTOR INCLUDING A TRENCH AND A SIDEWALL DOPED REGION	13627287	9/26/2012	8648398	2/11/2014	Semiconductor Components Industries, LLC
2926.	SEMICONDUCTOR DEVICE HAVING DEEP TRENCH CHARGE COMPENSATION REGIONS AND METHOD	13659077	10/24/2012	RE44547	10/22/2013	Semiconductor Components Industries, LLC
2927.	ELECTRONIC DEVICE INCLUDING A TUNNEL STRUCTURE	13771886	2/20/2013	8896050	11/25/2014	Semiconductor Components Industries, LLC
2928.	ELECTRONIC DEVICE INCLUDING A PACKAGING SUBSTRATE HAVING A TRENCH	13589337	8/20/2012	8519521	8/27/2013	Semiconductor Components Industries, LLC
2929.	METHOD OF FORMING AN INSULATED GATE FIELD EFFECT TRANSISTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE	13544122	7/9/2012	8664065	3/4/2014	Semiconductor Components Industries, LLC
2930.	ELECTRONIC DEVICE INCLUDING AN INTEGRATED CIRCUIT WITH TRANSISTORS COUPLED TO EACH OTHER	13523827	6/15/2012	8648427	2/11/2014	Semiconductor Components Industries, LLC
2931.	SERVO DEVICE AND REMOTE CONTROL DEVICE HAVING THE SAME	13484748	5/31/2012	8779699	7/15/2014	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2932.	METHOD OF FORMING A MULTI-CHANNEL ESD DEVICE	13299193	11/17/2011	8236625	8/7/2012	Semiconductor Components Industries, LLC
2933.	METHOD OF FORMING A BI-DIRECTIONAL TRANSISTOR WITH BY-PASS PATH	13324682	12/13/2011	8530284	9/10/2013	Semiconductor Components Industries, LLC
2934.	CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME	13331784	12/20/2011	8995139	3/31/2015	Semiconductor Components Industries, LLC
2935.	ELECTRONIC DEVICE INCLUDING A WELL REGION	13353223	1/18/2012	8530299	9/10/2013	Semiconductor Components Industries, LLC
2936.	CHIP-ON-LEAD PACKAGE AND METHOD OF FORMING	13354752	1/20/2012	8759978	6/24/2014	Semiconductor Components Industries, LLC
2937.	SHIELDED SEMICONDUCTOR DEVICE STRUCTURE	13357187	1/24/2012	8536685	9/17/2013	Semiconductor Components Industries, LLC
2938.	METHOD OF FORMING A HIGH CAPACITANCE DIODE	13398356	2/16/2012	8222115	7/17/2012	Semiconductor Components Industries, LLC
2939.	INSULATED GATE SEMICONDUCTOR DEVICE	13435833	3/30/2012	8779507	7/15/2014	Semiconductor Components Industries, LLC
2940.	PASSIVE INTEGRATOR AND METHOD	13437683	4/2/2012	8866532	10/21/2014	Semiconductor Components Industries, LLC
2941.	IMAGE SENSOR PIXELS WITH JUNCTION GATE PHOTODIODES	13450154	4/18/2012	8710420	4/29/2014	Semiconductor Components Industries, LLC
2942.	METHOD OF FORMING AN INTEGRATED POWER DEVICE AND STRUCTURE	13458732	4/27/2012	8748262	6/10/2014	Semiconductor Components Industries, LLC
2943.	METHOD OF FORMING PWM CONTROLLER	13247523	9/28/2011	8222883	7/17/2012	Semiconductor Components Industries, LLC
2944.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT	13190922	7/26/2011	8324026	12/4/2012	Semiconductor Components Industries, LLC
2945.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A TRENCH AND A	13213757	8/19/2011	8202775	6/19/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	CONDUCTIVE STRUCTURE THEREIN					
2946.	WHITE BALANCE ADJUSTMENT METHOD AND IMAGING DEVICE	13188680	7/22/2011			Semiconductor Components Industries, LLC
2947.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	13022628	2/7/2011	8685822	4/1/2014	Semiconductor Components Industries, LLC
2948.	BI-DIRECTIONAL TRANSISTOR WITH BY-PASS PATH AND METHOD THEREFOR	13023255	2/8/2011	8101969	1/24/2012	Semiconductor Components Industries, LLC
2949.	AMPLIFIER CIRCUIT AND METHOD THEREFOR	13023698	2/9/2011	8044717	10/25/2011	Semiconductor Components Industries, LLC
2950.	SEMICONDUCTOR PACKAGE	13053822	3/22/2011	8384206	2/26/2013	Semiconductor Components Industries, LLC
2951.	QUASI-RESONANT POWER SUPPLY CONTROLLER AND METHOD THEREFOR	13063162	11/14/2008	8391027	3/5/2013	Semiconductor Components Industries, LLC
2952.	INTEGRATED SEMICONDUCTOR DEVICE	13094085	4/26/2011	8188572	5/29/2012	Semiconductor Components Industries, LLC
2953.	METHOD OF FORMING A SEMICONDUCTOR DEVICE HAVING VERTICAL CHARGE-COMPENSATED STRUCTURE AND SUB-SURFACE CONNECTING LAYER	13099157	5/2/2011	8372716	2/12/2013	Semiconductor Components Industries, LLC
2954.	AMPLIFIER WITH REDUCED OUTPUT TRANSIENTS AND METHOD THEREFOR	13120143	10/21/2008	8471628	6/25/2013	Semiconductor Components Industries, LLC
2955.	ELECTRONIC DEVICE INCLUDING AN INSULATING LAYER HAVING DIFFERENT THICKNESSES AND A CONDUCTIVE ELECTRODE AND A PROCESS OF FORMING THE SAME	13156162	6/8/2011	8519474	8/27/2013	Semiconductor Components Industries, LLC
2956.	BI-DIRECTIONAL DIODE STRUCTURE	13177785	7/7/2011	8138520	3/20/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2957.	ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	12958002	12/1/2010	8076716	12/13/2011	Semiconductor Components Industries, LLC
2958.	METHOD FOR REGULATING TEMPERATURE AND CIRCUIT THEREFOR	12968675	12/15/2010	8159284	4/17/2012	Semiconductor Components Industries, LLC
2959.	METHOD FOR SCALING A DRIVE SIGNAL AND CIRCUIT THEREFOR	12972436	12/18/2010	8558522	10/15/2013	Semiconductor Components Industries, LLC
2960.	METHOD OF FORMING A DETECTION CIRCUIT AND STRUCTURE THEREFOR	12991727	6/26/2008	8922966	12/30/2014	Semiconductor Components Industries, LLC
2961.	METHOD OF FORMING A SWITCHING REGULATOR AND STRUCTURE THEREFOR	12995120	7/23/2008	8432147	4/30/2013	Semiconductor Components Industries, LLC
2962.	SEMICONDUCTOR TRENCH STRUCTURE HAVING A SEALING PLUG	13005947	1/13/2011	8106436	1/31/2012	Semiconductor Components Industries, LLC
2963.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12948970	11/18/2010	8451621	5/28/2013	Semiconductor Components Industries, LLC
2964.	CONNECTOR ASSEMBLY AND METHOD OF MANUFACTURE	12948977	11/18/2010	8449339	5/28/2013	Semiconductor Components Industries, LLC
2965.	SWITCHING POWER SUPPLY CONTROLLER WITH HIGH FREQUENCY CURRENT BALANCE	12950621	11/19/2010	7965068	6/21/2011	Semiconductor Components Industries, LLC
2966.	LED DRIVER CIRCUIT AND METHOD	12950935	11/19/2010			Semiconductor Components Industries, LLC
2967.	DEVICE INCLUDING MEMORY ARRAY AND METHOD THEREOF	12765731	4/22/2010	8394700	3/12/2013	Semiconductor Components Industries, LLC
2968.	METHOD OF FORMING A LOW RESISTANCE SEMICONDUCTOR CONTACT AND STRUCTURE THEREFOR	12766601	4/23/2010	7939897	5/10/2011	Semiconductor Components Industries, LLC
2969.	SELF-TUNING ACOUSTIC MEASUREMENT SYSTEM	12767630	4/26/2010	8699299	4/15/2014	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2970.	ACOUSTIC DISTANCE MEASUREMENT SYSTEM HAVING CROSS TALK IMMUNITY	12768941	4/28/2010	8416641	4/9/2013	Semiconductor Components Industries, LLC
2971.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12771869	4/30/2010	8034685	10/11/2011	Semiconductor Components Industries, LLC
2972.	METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT AND STRUCTURE THEREFOR	12787861	5/26/2010	8582317	11/12/2013	Semiconductor Components Industries, LLC
2973.	SEMICONDUCTOR COMPONENT	12790987	6/1/2010	8035161	10/11/2011	Semiconductor Components Industries, LLC
2974.	METHOD OF FORMING AN EEPROM DEVICE AND STRUCTURE THEREFOR	12793403	6/3/2010	7825454	11/2/2010	Semiconductor Components Industries, LLC
2975.	ELECTRONIC DEVICE INCLUDING A TUNNEL STRUCTURE	12822948	6/24/2010	8399918	3/19/2013	Semiconductor Components Industries, LLC
2976.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A NONVOLATILE MEMORY CELL HAVING A FLOATING GATE ELECTRODE OR A CONDUCTIVE MEMBER WITH DIFFERENT PORTIONS	12822992	6/24/2010	8409944	4/2/2013	Semiconductor Components Industries, LLC
2977.	METHOD OF USING A NONVOLATILE MEMORY CELL	12823011	6/24/2010	8279681	10/2/2012	Semiconductor Components Industries, LLC
2978.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12827980	6/30/2010	8461670	6/11/2013	Semiconductor Components Industries, LLC
2979.	POTENTIOMETER AND METHOD	12846668	7/29/2010	8248286	8/21/2012	Semiconductor Components Industries, LLC
2980.	METHOD OF FORMING A FLASH CONTROLLER FOR A CAMERA AND STRUCTURE THEREFOR	12866128	3/26/2008	8294380	10/23/2012	Semiconductor Components Industries, LLC
2981.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A FEATURE IN A TRENCH	12871390	8/30/2010	8492260	7/23/2013	Semiconductor Components Industries, LLC
2982.	SEMICONDUCTOR COMPONENT AND METHOD	12890718	9/27/2010	9041294	5/26/2015	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
2983.	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	12902130	10/11/2010	7981757	7/19/2011	Semiconductor Components Industries, LLC
2984.	METHOD FOR REGULATING AN OUTPUT VOLTAGE OF A PULSED-WIDTH MODULATED SWITCHING CONVERTER	12918923	4/29/2008	8638077	1/28/2014	Semiconductor Components Industries, LLC
2985.	POWER SUPPLY CONTROL METHOD AND STRUCTURE THEREFOR	12943672	11/10/2010	8492924	7/23/2013	Semiconductor Components Industries, LLC
2986.	SEMICONDUCTOR DEVICE AND METHOD OF FORMING SAME FOR CORRELATION DETECTION	12946550	11/15/2010	8982668	3/17/2015	Semiconductor Components Industries, LLC
2987.	METHOD OF FORMING AN INSULATED GATE FIELD EFFECT TRANSISTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE	12633967	12/9/2009	8247296	8/21/2012	Semiconductor Components Industries, LLC
2988.	DOUBLE TRENCH FOR ISOLATION OF SEMICONDUCTOR DEVICES	12651683	1/4/2010	7915155	3/29/2011	Semiconductor Components Industries, LLC
2989.	METHOD OF FORMING A SEMICONDUCTOR DEVICE HAVING SUB-SURFACE TRENCH CHARGE COMPENSATION REGIONS	12692271	1/22/2010	7943466	5/17/2011	Semiconductor Components Industries, LLC
2990.	METHOD OF FORMING A HIGH VOLTAGE SENSE ELEMENT	12692411	1/22/2010	7803643	9/28/2010	Semiconductor Components Industries, LLC
2991.	METHOD OF FORMING AN INTEGRATED POWER DEVICE AND STRUCTURE	12696816	1/29/2010	8207035	6/26/2012	Semiconductor Components Industries, LLC
2992.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING REMOVING A CONDUCTIVE MEMBER TO FORM A TRENCH AND ELECTRICALLY ISOLATE LEADS	12697002	1/29/2010	8268676	9/18/2012	Semiconductor Components Industries, LLC
2993.	ELECTRONIC DEVICE INCLUDING DOPED REGIONS BETWEEN CHANNEL AND DRAIN REGIONS AND A PROCESS OF FORMING THE SAME	12702025	2/8/2010	8298886	10/30/2012	Semiconductor Components Industries, LLC
2994.	ELECTRONIC DEVICE INCLUDING A BURIED INSULATING LAYER AND A VERTICAL CONDUCTIVE	12702055	2/8/2010	8299560	10/30/2012	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
	STRUCTURE EXTENDING THERETHROUGH AND A PROCESS OF FORMING THE SAME					
2995.	ELECTRONIC DEVICE INCLUDING A DOPED REGION DISPOSED UNDER AND HAVING A HIGHER DOPANT CONCENTRATION THAN A CHANNEL REGION AND A PROCESS OF FORMING THE SAME	12702072	2/8/2010	8389369	3/5/2013	Semiconductor Components Industries, LLC
2996.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY (EEPROM) CELL ARRAY	12389972	2/20/2009	7920424	4/5/2011	Semiconductor Components Industries, LLC
2997.	MULTI-CHIP SEMICONDUCTOR CONNECTOR	12956786	11/30/2010	8253239	8/28/2012	Semiconductor Components Industries, LLC
2998.	PADE' APPROXIMANT BASED COMPENSATION FOR INTEGRATED SENSOR MODULES AND THE LIKE	12948099	11/17/2010	7944214	5/17/2011	Semiconductor Components Industries, LLC
2999.	METHOD FOR ADJUSTING THRESHOLD VOLTAGE AND CIRCUIT THEREFOR	12732071	3/25/2010	7944299	5/17/2011	Semiconductor Components Industries, LLC
3000.	LOW DROPOUT VOLTAGE REGULATOR WITH NON-MILLER FREQUENCY COMPENSATION	9968358	9/28/2001	6518737	2/11/2003	Semiconductor Components Industries, LLC
3001.	PERIMETER ANCHORED THICK FILM PAD	9992678	11/19/2001	6583019	6/24/2003	Semiconductor Components Industries, LLC
3002.	MULTIPLEX TRANSMISSION SYSTEM WITH IN-CIRCUIT ADDRESSING	10319347	12/13/2002	7366115	4/29/2008	Semiconductor Components Industries, LLC
3003.	METHOD FOR MAKING INTERCONNECT STRUCTURES	10319348	12/16/2002	6835644	12/28/2004	Semiconductor Components Industries, LLC
3004.	PROTECTION CIRCUIT PROTECTING AGAINST VOLTAGE IRREGULARITIES	10410420	4/9/2003	6909585	6/21/2005	Semiconductor Components Industries, LLC
3005.	DEVICE AND METHOD FOR DETECTING ROTOR SPEED OF A MULTIPLE PHASE MOTOR WITH BIPOLAR DEVICE	10805972	3/22/2004	7288956	10/30/2007	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3006.	METHOD AND DEVICE FOR SHORT CIRCUIT OR OPEN LOAD DETECTION	10810303	3/26/2004	7280333	10/9/2007	Semiconductor Components Industries, LLC
3007.	MONOTONIC PRECISE CURRENT DAC	10810328	3/26/2004	7026971	4/11/2006	Semiconductor Components Industries, LLC
3008.	FAST HIGH-RESOLUTION, INDIRECT MEASUREMENT OF A PHYSICAL VALUE	10810340	3/26/2004	7091725	8/15/2006	Semiconductor Components Industries, LLC
3009.	CURRENT SOURCE BLOCKS IN MONOTONIC PRECISE CURRENT DAC	10810506	3/26/2004	6922162	7/26/2005	Semiconductor Components Industries, LLC
3010.	CONTROL OF CURRENT IN AN INDUCTANCE WITH PULSE WIDTH MODULATION AT CONTROLLED FREQUENCY	10899653	7/27/2004	7271993	9/18/2007	Semiconductor Components Industries, LLC
3011.	MOS TRANSISTOR CIRCUIT AND VOLTAGE-BOOSTING BOOSTER CIRCUIT	10924507	8/24/2004	7323753	1/29/2008	Semiconductor Components Industries, LLC
3012.	SEMICONDUCTOR DEVICE HAVING SCREENING ELECTRODE AND METHOD	11112570	4/25/2005	7276747	10/2/2007	Semiconductor Components Industries, LLC
3013.	SWITCHING CIRCUIT USING CLOSED CONTROL LOOP TO PRECHARGE GATE OF SWITCHING TRANSISTOR AND STABLE OPEN LOOP TO SWITCH THE SWITCHING TRANSISTOR	11157402	6/20/2005	7724066	5/25/2010	Semiconductor Components Industries, LLC
3014.	H-BRIDGE UTILIZING INTERMEDIATE SWITCHING PHASE(S)	11261013	10/28/2005	7279973	10/9/2007	Semiconductor Components Industries, LLC
3015.	REGULATED CURRENT MIRROR	11282573	11/21/2005	7463013	12/9/2008	Semiconductor Components Industries, LLC
3016.	COMPARATOR FOR INPUT VOLTAGES HIGHER THAN SUPPLY VOLTAGE	11282574	11/21/2005	7315187	1/1/2008	Semiconductor Components Industries, LLC
3017.	PRECISION DIFFERENTIAL LEVEL SHIFTER	11369316	3/6/2006	7696786	4/13/2010	Semiconductor Components Industries, LLC
3018.	BUFFERED CONFIGURABLE NONVOLATILE PROGRAMMABLE DIGITAL POENTIOMETER	10081499	2/20/2002	6771053	8/3/2004	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3019.	BIDIRECTIONAL VOLTAGE REGULATOR SOURCING AND SINKING CURRENT FOR LINE TERMINATION	10238078	9/9/2002	6707280	3/16/2004	Semiconductor Components Industries, LLC
3020.	LOW DROPOUT VOLTAGE REGULATOR WITH NON-MILLER FREQUENCY COMPENSATION	10340492	1/10/2003	6710583	3/23/2004	Semiconductor Components Industries, LLC
3021.	LED DRIVER WITH INTEGRATED BIAS AND DIMMING CONTROL STORAGE	10463979	6/17/2003	7646028	1/12/2010	Semiconductor Components Industries, LLC
3022.	NON-VOLATILE SEMICONDUCTOR MEMORY	10600125	6/20/2003	6989562	1/24/2006	Semiconductor Components Industries, LLC
3023.	SYSTEM AND METHOD FOR PROGRAMMING NON-VOLATILE MEMORY	10626256	7/23/2003	6865113	3/8/2005	Semiconductor Components Industries, LLC
3024.	PROGRAMMABLE ANALOG BIAS CIRCUITS USING FLOATING GATE CMOS TECHNOLOGY	10656982	9/5/2003	6970037	11/29/2005	Semiconductor Components Industries, LLC
3025.	DIGITAL POTENTIOMETER INCLUDING PLURAL BULK IMPEDANCE DEVICES	10660222	9/10/2003	7345611	3/18/2008	Semiconductor Components Industries, LLC
3026.	DIGITAL POTENTIOMETER INCLUDING AT LEAST ONE BULK IMPEDANCE DEVICE	10660232	9/10/2003	7012555	3/14/2006	Semiconductor Components Industries, LLC
3027.	DIGITAL POENTIOMEMTER INCLUDING OUTPUT BUFFER	10723948	11/26/2003	7005837	2/28/2006	Semiconductor Components Industries, LLC
3028.	DIGITAL POTENTIOMETER WITH RESISTOR BINARY WEIGHTING DECODING	10860476	6/2/2004	7042380	5/9/2006	Semiconductor Components Industries, LLC
3029.	LED DRIVER WITH INTEGRATED BIAS AND DIMMING CONTROL STORAGE	11003725	12/2/2004	7324130	1/29/2008	Semiconductor Components Industries, LLC
3030.	NON-VOLATILE CMOS REFERENCE CIRCUIT	11100347	4/5/2005	7149123	12/12/2006	Semiconductor Components Industries, LLC
3031.	LED CURRENT BIAS CONTROL USING A STEP DOWN REGULATOR	11114516	4/25/2005	7323828	1/29/2008	Semiconductor Components Industries, LLC
3032.	NON-VOLATILE MEMORY INTEGRATED CIRCUIT	11261510	10/27/2005	7323742	1/29/2008	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3033.	NON-VOLATILE MEMORY INTEGRATED CIRCUIT	11261729	10/27/2005	7633114	12/15/2009	Semiconductor Components Industries, LLC
3034.	LED BIAS CURRENT CONTROL USING ADAPTIVE FRACTIONAL CHARGE PUMP	11264884	11/1/2005	7236046	6/26/2007	Semiconductor Components Industries, LLC
3035.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY (EEPROM) CELL ARRAY	11278103	3/30/2006	7547944	6/16/2009	Semiconductor Components Industries, LLC
3036.	PRECISION NON-VOLATILE CMOS REFERENCE CIRCUIT	11355394	2/15/2006	7245536	7/17/2007	Semiconductor Components Industries, LLC
3037.	PRECISION DIFFERENTIAL LEVEL SHIFTER	11369316	3/6/2006	7696786	4/13/2010	Semiconductor Components Industries, LLC
3038.	DOUBLE TRENCH FOR ISOLATION OF SEMICONDUCTOR DEVICES	11399377	4/7/2006	7667270	2/23/2010	Semiconductor Components Industries, LLC
3039.	ION IMPLANTATION OF SPIN ON GLASS MATERIALS	11407938	4/21/2006	7482267	1/27/2009	Semiconductor Components Industries, LLC
3040.	ALIGNMENT OF TRENCH FOR MOS	11408924	4/24/2006	7608510	10/27/2009	Semiconductor Components Industries, LLC
3041.	NON-VOLATILE MEMORY CELL IN STANDARD CMOS PROCESS	11469840	9/1/2006	7558111	7/7/2009	Semiconductor Components Industries, LLC
3042.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY	11470245	9/5/2006	7528436	5/5/2009	Semiconductor Components Industries, LLC
3043.	LOW POWER SIGMA DELTA MODULATOR WITH SUCCESSIVE APPROXIMATION CONVERTER	11561828	11/20/2006	7692568	4/6/2010	Semiconductor Components Industries, LLC
3044.	METHOD AND SYSTEM FOR MONITORING BATTERY STACKS COMPRISING A CONTROLLER FOR CALCULATING A CORRECTION FACTOR USED TO CORRECT BATTERY VOLTAGE MEASUREMENTS	11647160	12/29/2006	7638979	12/29/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3045.	DC CURRENT REGULATOR INSENSITIVE TO CONDUCTED EMI	11651514	1/10/2007	7427854	9/23/2008	Semiconductor Components Industries, LLC
3046.	HYBRID ESD CLAMP	11794472	6/29/2007	7804670	9/28/2010	Semiconductor Components Industries, LLC
3047.	SEMICONDUCTOR DEVICE WITH IMPROVED BREAKDOWN PROPERTIES AND MANUFACTURING METHOD THEREOF	11828973	7/26/2007	7709889	5/4/2010	Semiconductor Components Industries, LLC
3048.	DRIVER CIRCUIT WITH EMI IMMUNITY	11835187	8/7/2007	8487663	7/16/2013	Semiconductor Components Industries, LLC
3049.	DIFFERENTIAL SENSING WITH HIGH COMMON MODE REJECTION	11841627	8/20/2007	7589591	9/15/2009	Semiconductor Components Industries, LLC
3050.	METHOD OF AUTO-CALIBRATING A MAGNETIC FIELD SENSOR FOR DRIFT AND STRUCTURE THEREFOR	11873331	10/16/2007	8134358	3/13/2012	Semiconductor Components Industries, LLC
3051.	POWER CELL MONITORING	11955234	12/12/2007	7760106	7/20/2010	Semiconductor Components Industries, LLC
3052.	METHOD AND APPARATUS FOR DRIVING A DC MOTOR	11968591	1/2/2008	7592764	9/22/2009	Semiconductor Components Industries, LLC
3053.	EMI SUPPRESSING REGULATOR	11972585	1/10/2008	7696740	4/13/2010	Semiconductor Components Industries, LLC
3054.	ECHO DETECTION	12037838	2/26/2008	7656750	2/2/2010	Semiconductor Components Industries, LLC
3055.	OUTPUT CONTACT FOR FEEDBACK IN INTEGRATED CIRCUIT MOTOR DRIVER	12042724	3/5/2008	8339092	12/25/2012	Semiconductor Components Industries, LLC
3056.	PADE' APPROXIMANT BASED COMPENSATION FOR INTEGRATED SENSOR MODULES AND THE LIKE	12112256	4/30/2008	7859269	12/28/2010	Semiconductor Components Industries, LLC
3057.	TWO TERMINAL LOW CAPACITANCE MULTI-CHANNEL ESD DEVICE	12251978	10/15/2008	7812367	10/12/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3058.	SEMICONDUCTOR DEVICE HAVING TRENCH SHIELD ELECTRODE STRUCTURE	12271041	11/14/2008	7915672	3/29/2011	Semiconductor Components Industries, LLC
3059.	OVER POWER COMPENSATION IN SWITCHED MODE POWER SUPPLIES	12275011	11/20/2008	8081495	12/20/2011	Semiconductor Components Industries, LLC
3060.	BATTERY CHARGER CIRCUIT FOR CHANGING BETWEEN MODES DURING OPERATION BASED ON TEMPERATURE AND BATTERY VOLTAGE AND METHOD THEREFOR	12277621	11/25/2008			Semiconductor Components Industries, LLC
3061.	CONTROL CIRCUIT FOR A BRUSHLESS DC MOTOR AND METHOD THEREFOR	12327512	12/3/2008	7969108	6/28/2011	Semiconductor Components Industries, LLC
3062.	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING A TRENCH AND A CONDUCTIVE STRUCTURE THEREIN	12331985	12/10/2008	8298889	10/30/2012	Semiconductor Components Industries, LLC
3063.	SEMICONDUCTOR DEVICE HAVING DEEP TRENCH CHARGE COMPENSATION REGIONS AND METHOD	12335730	12/16/2008	7902601	3/8/2011	Semiconductor Components Industries, LLC
3064.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY (EEPROM) CELL ARRAY	12366569	2/5/2009	8093650	1/10/2012	Semiconductor Components Industries, LLC
3065.	PRECISION NON-VOLATILE CMOS REFERENCE CIRCUIT	11611665	12/15/2006	7324380	1/29/2008	Semiconductor Components Industries, LLC
3066.	FRACTIONAL CHARGE PUMP FOR STEP-DOWN DC-DC CONVERTER	11678048	2/22/2007	7557641	7/7/2009	Semiconductor Components Industries, LLC
3067.	PROGRAMMABLE FRACTIONAL CHARGE PUMP FOR DC-DC CONVERTER	11746588	5/9/2007	7602232	10/13/2009	Semiconductor Components Industries, LLC
3068.	DIGITAL POTENTIOMETER INCLUDING PLURAL BULK IMPEDANCE DEVICES	11927989	10/30/2007	7535395	5/19/2009	Semiconductor Components Industries, LLC
3069.	METHOD FOR REDUCING CHARGE LOSS IN ANALOG FLOATING GATE CELL	11943578	11/20/2007	7616501	11/10/2009	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3070.	SCALABLE ELECTRICALLY ERASEABLE AND PROGRAMMABLE MEMORY	12050491	3/18/2008	8139408	3/20/2012	Semiconductor Components Industries, LLC
3071.	NON-VOLATILE MEMORY WITH HIGH RELIABILITY	12106777	4/21/2008	7830714	11/9/2010	Semiconductor Components Industries, LLC
3072.	NON-VOLATILE MEMORY INTEGRATED CIRCUIT	12112879	4/30/2008	7682907	3/23/2010	Semiconductor Components Industries, LLC
3073.	SHAPING A CURRENT SENSE SIGNAL BY USING A CONTROLLED SLEW RATE	8300399	9/2/1994	6201417	3/13/2001	Semiconductor Components Industries, LLC
3074.	PROCESSING CIRCUIT FOR INPUT SIGNAL FROM KEY OR REMOTE-CONTROLLER	8600315	2/12/1996	5892459	4/6/1999	Semiconductor Components Industries, LLC
3075.	APPARATUS FOR DRIVING A SENSORLESS MOTOR	8670775	6/20/1996	5717299	2/10/1998	Semiconductor Components Industries, LLC
3076.	METHOD OF MANUFACTURING A SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE	8673052	7/1/1996	5747375	5/5/1998	Semiconductor Components Industries, LLC
3077.	VIDEO SIGNAL PROCESSING DEVICE FOR WRITING AND READING A VIDEO SIGNAL WITH RESPECT TO A MEMORY ACCORDING TO DIFFERENT CLOCKS, WHILE PREVENTING A WRITE/READ ADDRESS PASS-BY IN THE MEMORY	8722341	9/27/1996	5861879	1/19/1999	Semiconductor Components Industries, LLC
3078.	SEMICONDUCTOR DEVICE HAVING CAP-METAL LAYER	8821769	3/20/1997	5895265	4/20/1999	Semiconductor Components Industries, LLC
3079.	IMAGE INFORMATION PROCESSING APPARATUS USING SINGLE PHASE-LOCKED LOOP	8895457	7/16/1997	5978038	11/2/1999	Semiconductor Components Industries, LLC
3080.	LIGHT-RECEIVED POSITION DETECTING CIRCUIT AND DISTANCE DETECTING APPARATUS USING THE SAME	9040339	3/18/1998	5969338	10/19/1999	Semiconductor Components Industries, LLC
3081.	SELF-ILLUMINATION SCANNER APPARATUS	9149907	9/8/1998	6281991	8/28/2001	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3082.	METHOD FOR PROCESSING CONDUCTIVE LAYER STRUCTURES AND DEVICES INCLUDING SUCH CONDUCTIVE LAYER STRUCTURES	9652788	8/31/2000	6628358	9/30/2003	Semiconductor Components Industries, LLC
3083.	TRANSDUCER INTERFACE ARRANGEMENT INCLUDING A SIGMA-DELTA MODULATOR WITH OFFSET CORRECTION AND WITH GAIN SETTING	9708711	11/9/2000	6400295	6/4/2002	Semiconductor Components Industries, LLC
3084.	REGULATOR FOR SINE WAVE GENERATOR AND SINE WAVE GENERATOR UNIT INCLUDING SUCH A REGULATOR	9714169	11/17/2000	6339317	1/15/2002	Semiconductor Components Industries, LLC
3085.	METHOD FOR TUNGSTEN CHEMICAL VAPOR DEPOSITION ON A SEMICONDUCTOR SUBSTRATE	9768151	1/24/2001	6544889	4/8/2003	Semiconductor Components Industries, LLC
3086.	LAYOUT CONFIGURABLE ELECTROSTATIC DISCHARGE DEVICE FOR INTEGRATED CIRCUITS	10131924	4/25/2002	6707110	3/16/2004	Semiconductor Components Industries, LLC
3087.	CHARGE PUMP DEVICE WITH REDUCED RIPPLE AND SPURIOUS LOW FREQUENCY ELECTROMAGNETIC SIGNALS	10173848	6/19/2002	6717829	4/6/2004	Semiconductor Components Industries, LLC
3088.	ELECTROMAGNETIC COMPATIBLE REGULATOR	10195556	7/16/2002	6670842	12/30/2003	Semiconductor Components Industries, LLC
3089.	MULTIPLEX BUS SYSTEM WITH DUTY CYCLE CORRECTION	10360436	2/7/2003	7636410	12/22/2009	Semiconductor Components Industries, LLC
3090.	PHASE-LOCKED LOOP CIRCUIT	10590644	2/14/2005	8031015	10/4/2011	Semiconductor Components Industries, LLC
3091.	SWITCHING CONTROL CIRCUIT AND SELF-EXCITED DC-DC CONVERTER	11426273	6/23/2006	7379284	5/27/2008	Semiconductor Components Industries, LLC
3092.	TIRE INFLATION PRESSURE DETERMINING SYSTEM AND TIRE INFLATION PRESSURE DETERMINING APPARATUS	11885284	8/29/2007	7469580	12/30/2008	Semiconductor Components Industries, LLC
3093.	TIRE SENSOR SYSTEM AND VEHICLE BODY HAVING THE SAME MOUNTED THEREON	11918957	10/22/2007	7832264	11/16/2010	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3094.	SWITCHING CONTROL CIRCUIT AND SELF EXCITED DC-DC CONVERTER	12016124	1/17/2008	7755874	7/13/2010	Semiconductor Components Industries, LLC
3095.	SWITCHING CONTROL CIRCUIT	12064622	4/4/2007	7782024	8/24/2010	Semiconductor Components Industries, LLC
3096.	ETCHING SOLUTION COMPOSITION FOR METALS FILMS	12352020	1/12/2009	8557711	10/15/2013	Semiconductor Components Industries, LLC
3097.	ETCHING LIQUID COMPOSITION	12438143	7/16/2008	8545716	10/1/2013	Semiconductor Components Industries, LLC
3098.	PIXEL STRUCTURE HAVING SHIELDED STORAGE NODE	12474150	11/29/2006	8207485	6/26/2012	Semiconductor Components Industries, LLC
3099.	SWITCHING CONTROL CIRCUIT AND SELF-EXCITED DC-DC CONVERTER	12749351	3/29/2010	7940507	5/10/2011	Semiconductor Components Industries, LLC
3100.	METHOD OF TESTING A POWER SUPPLY CONTROLLER AND STRUCTURE THEREFOR	12761268	4/15/2010	7888960	2/15/2011	Semiconductor Components Industries, LLC
3101.	SEMICONDUCTOR STORAGE DEVICE	13011629	1/21/2011	8339860	12/25/2012	Semiconductor Components Industries, LLC
3102.	WHITE BALANCE ADJUSTMENT METHOD AND IMAGING DEVICE	13188680	7/22/2011			Semiconductor Components Industries, LLC
3103.	METHOD FOR DETECTING A STEP LOSS CONDITION	13282425	10/26/2011	8736298	5/27/2014	Semiconductor Components Industries, LLC
3104.	SEMICONDUCTOR DIE SINGULATION METHOD	13526140	6/18/2012	8871613	10/28/2014	Semiconductor Components Industries, LLC
3105.	METHOD OF MAKING AN INSULATED GATE SEMICONDUCTOR DEVICE HAVING A SHIELD ELECTRODE STRUCTURE AND STRUCTURE THEREFOR	13550156	7/16/2012	8778764	7/15/2014	Semiconductor Components Industries, LLC
3106.	THE SERVO DEVICE WHICH IMPLEMENTED A MOTOR CONTROL CIRCUIT AND THE MOTOR CONTROL CIRCUIT	13612092	9/12/2012	8729849	5/20/2014	Semiconductor Components Industries, LLC

No.	Title	App. No.	App. Date	Reg. No.	Reg. Date	Owner
3107.	CHARGE CONTROL CIRCUIT, CHARGE CIRCUIT, AND MOBILE DEVICE	13869472	4/24/2013			Semiconductor Components Industries, LLC

Property Type	Number
Patent Number:	5793168
Patent Number:	5872028
Patent Number:	5901350
Patent Number:	5786866
Patent Number:	5808455
Patent Number:	5894243
Patent Number:	5818207
Patent Number:	5956241
Patent Number:	5798635
Patent Number:	5877044
Patent Number:	5986324
Patent Number:	5929705
Patent Number:	6075295
Patent Number:	5905370
Patent Number:	5864225
Patent Number:	5877041
Patent Number:	5894141
Patent Number:	6080614
Patent Number:	6110799
Patent Number:	5940689
Patent Number:	6037628
Patent Number:	5903138
Patent Number:	5995349
Patent Number:	5889393
Patent Number:	6081009
Patent Number:	6429481
Patent Number:	5867014

Patent Number:	5926486
Patent Number:	5859518
Patent Number:	6396102
Patent Number:	5925136
Patent Number:	6005378
Patent Number:	6153495
Patent Number:	6044428
Patent Number:	6060895
Patent Number:	6043762
Patent Number:	6033489
Patent Number:	5920452
Patent Number:	6121089
Patent Number:	6368920
Patent Number:	6015459
Patent Number:	6104062
Patent Number:	6066878
Patent Number:	6285056
Patent Number:	6133634
Patent Number:	6137340
Patent Number:	5970343
Patent Number:	6060938
Patent Number:	6041817
Patent Number:	6072352
Patent Number:	6046486
Patent Number:	6423623
Patent Number:	6107127
Patent Number:	6351485
Patent Number:	5929615
Patent Number:	6107887
Patent Number:	6069403
Patent Number:	6232727
Patent Number:	6226696
Patent Number:	6424035
Patent Number:	6160429

Patent Number:	5963080
Patent Number:	6091233
Patent Number:	6166455
Patent Number:	6373256
Patent Number:	6163199
Patent Number:	6077744
Patent Number:	6351009
Patent Number:	6351018
Patent Number:	6316806
Patent Number:	6188105
Patent Number:	6157265
Patent Number:	6104170
Patent Number:	6218701
Patent Number:	6198127
Patent Number:	6373098
Patent Number:	6150845
Patent Number:	6137139
Patent Number:	6078077
Patent Number:	6140152
Patent Number:	6473852
Patent Number:	6274905
Patent Number:	6144187
Patent Number:	6215168
Patent Number:	6556249
Patent Number:	6236259
Patent Number:	7065140
Patent Number:	6166528
Patent Number:	6344980
Patent Number:	6291310
Patent Number:	6825087
Patent Number:	6437419
Patent Number:	6720642
Patent Number:	6461918
Patent Number:	6762067

Patent Number:	6236582
Patent Number:	6437399
Patent Number:	6376878
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Patent Number:	7098108
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Patent Number:	6391699
Patent Number:	6356137
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Patent Number:	6661082
Patent Number:	6445035
Patent Number:	6437386
Patent Number:	6696726
Patent Number:	6700158
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Patent Number:	6365449
Patent Number:	6356469
Patent Number:	6385065
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Patent Number:	6534828
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Patent Number:	6433385
Patent Number:	6391687
Patent Number:	6741289
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Patent Number:	6373328

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Patent Number:	6538516
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Patent Number:	6556750
Patent Number:	6683375
Patent Number:	6424224
Patent Number:	6683363
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Patent Number:	6680232
Patent Number:	6989588
Patent Number:	6677641
Patent Number:	6573569
Patent Number:	6573560
Patent Number:	6653691
Patent Number:	6731486
Patent Number:	6955978
Patent Number:	6916712
Patent Number:	6566749
Patent Number:	6777747
Patent Number:	7078296
Patent Number:	6798019
Patent Number:	6927134
Patent Number:	6465325
Patent Number:	6683346
Patent Number:	6673680

Patent Number:	6600301
Patent Number:	6784505
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Patent Number:	6710406
Patent Number:	6673681
Patent Number:	6861296
Patent Number:	6630711
Patent Number:	6638826
Patent Number:	6657875
Patent Number:	6803626
Patent Number:	7079369
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Patent Number:	7084488
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Patent Number:	6781415
Patent Number:	6870218
Patent Number:	6906362
Patent Number:	6806580
Patent Number:	6830959

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Patent Number:	7199435
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Patent Number:	6975101
Patent Number:	7057907
Patent Number:	6927599
Patent Number:	7498786

Patent Number:	6995995
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Patent Number:	6946348
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Patent Number:	7148111
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Patent Number:	7576388

Patent Number:	7265415
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Patent Number:	7345342
Patent Number:	7332806
Patent Number:	7081666
Patent Number:	7052938
Patent Number:	7005353
Patent Number:	7195979
Patent Number:	7682918
Patent Number:	7220646
Patent Number:	7339359
Patent Number:	7411218
Patent Number:	RE41399
Patent Number:	7388254
Patent Number:	7566931
Patent Number:	7344943
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Reel 041187, Frame 0295

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Reel 044481, Frame 0594

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Reel 046530, Frame 0460

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Reel 047734, Frame 0068

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
1	METHODS AND APPARATUS FOR AN IMAGE SENSOR WITH A MULTI-BRANCH TRANSISTOR	15/861722	2018-01-04			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
2	IMAGE SENSORS WITH SPLIT PHOTODIODES	15/864164	2018-01-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
3	PRESS-FIT POWER MODULE AND RELATED METHODS	15/865498	2018-01-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
4	CASCODE SEMICONDUCTOR PACKAGE AND RELATED METHODS	15/866248	2018-01-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
5	HYBRID CONTROL TECHNIQUE FOR POWER CONVERTERS	15/867212	2018-01-10			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
6	ACTIVE OUTPUT DRIVER SUPPLY COMPENSATION FOR NOISE REDUCTION	15/868142	2018-01-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
7	POWER SUPPLY CONTROLLER AND RELATED METHODS	15/868690	2018-01-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
8	SUBSTRATE STRUCTURES AND METHODS OF MANUFACTURE	15/868747	2018-01-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
9	LOW FREQUENCY MODULATED CHIRP MINIMUM DISTANCE MEASUREMENT	15/868801	2018-01-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
10	IMAGING SYSTEMS HAVING BROADBAND MONOCHROMATIC AND CHROMATIC IMAGE SENSORS	15/869221	2018-01-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
11	ROTOR POSITION SENSING SYSTEM FOR PERMANENT MAGNET SYNCHRONOUS MOTORS AND RELATED METHODS	15/869356	2018-01-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
12	Adaptive Dynamic Element Matching of Circuit Components	15/869757	2018-01-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
13	SEMICONDUCTOR PACKAGES AND RELATED METHODS	15/870215	2018-01-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
14	REDUCING MOSFET BODY CURRENT	15/871231	2018-01-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
15	SEMICONDUCTOR DEVICES AND METHODS OF MAKING THE SAME	15/871414	2018-01-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
16	SEMICONDUCTOR WAFER AND METHOD OF BALL DROP ON THIN WAFER WITH EDGE SUPPORT RING	15/871586	2018-01-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
17	METHOD OF SEPARATING ELECTRONIC DEVICES HAVING A BACK LAYER AND APPARATUS	15/874307	2018-01-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
18	HIGH POWER MODULE SEMICONDUCTOR PACKAGE WITH MULTIPLE SUBMODULES	15/874355	2018-01-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
19	APPARATUS AND METHOD RELATED TO SENSOR DIE ESD PROTECTION	15/876328	2018-01-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
20	METHODS AND APPARATUS FOR A CAPACITIVE TOUCH SENSOR	15/876417	2018-01-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
21	ADAPTIVE CONTROL OF SYNCHRONOUS RECTIFIER SWITCHING DEVICE	15/877573	2018-01-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
22	BIDIRECTIONAL CURRENT SENSE AMPLIFIER	15/877804	2018-01-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
23	CASCODE CONFIGURED SEMICONDUCTOR COMPONENT	15/882478	2018-01-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
24	TRENCH SEMICONDUCTOR DEVICE HAVING SHAPED GATE DIELECTRIC AND GATE ELECTRODE STRUCTURES AND METHOD	15/883500	2018-01-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
25	WAFER LEVEL FLAT NO-LEAD SEMICONDUCTOR PACKAGES AND METHODS OF MANUFACTURE	15/883625	2018-01-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
26	BATTERY PROTECTION SYSTEM WITH REFERENCE VOLTAGE CONTROL SYSTEM	15/883687	2018-01-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
27	IMAGE SENSOR CHIP SCALE PACKAGES AND RELATED METHODS	15/884596	2018-01-31			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
28	TRENCH-GATE INSULATED-GATE BIPOLAR TRANSISTORS (IGBTs) AND METHODS OF MANUFACTURE	15/884773	2018-01-31			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
29	TRENCH-GATE INSULATED-GATE BIPOLAR TRANSISTORS (IGBTs) AND METHODS OF MANUFACTURE	15/884779	2018-01-31			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
30	APPARATUS, SYSTEMS AND METHODS FOR AVERAGE CURRENT CONTROL IN A BUCK DC/DC LED DRIVER	15/888290	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
31	LOW-LATENCY STREAMING FOR CROS AND BICROS	15/888313	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
32	APPARATUS, SYSTEMS AND METHODS FOR AVERAGE CURRENT CONTROL IN A BUCK DC/DC LED DRIVER	15/888343	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
33	COMPOSITE ACOUSTIC BURSTS FOR MULTI-CHANNEL SENSING	15/888471	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
34	RESPONSE-BASED DETERMINATION OF PIEZOELECTRIC TRANSDUCER STATE	15/888543	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
35	MEASURING RESONANCE PARAMETERS OF PIEZOELECTRIC TRANSDUCERS	15/888596	2018-02-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
36	CONTROL CIRCUIT FOR PROGRAMMABLE POWER SUPPLY	15/891035	2018-02-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
37	PACKAGED SEMICONDUCTOR DEVICES WITH MULTI-USE INPUT CONTACTS AND RELATED METHODS	15/891135	2018-02-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
38	METHODS AND APPARATUS FOR A CURRENT CIRCUIT	15/891474	2018-02-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
39	SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND RELATED METHODS	15/892114	2018-02-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
40	SEMICONDUCTOR COPPER METALLIZATION STRUCTURE AND RELATED METHODS	15/892485	2018-02-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
41	SIGNAL COMMUNICATION FOR CIRCUIT WITH FLOATING GROUND	15/892609	2018-02-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
42	Alternating Valley Switching for Power Converter	15/893300	2018-02-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
43	ELECTRONIC DEVICE INCLUDING A CONDUCTIVE LAYER INCLUDING A TA-SI COMPOUND AND A PROCESS OF FORMING THE SAME	15/893328	2018-02-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
44	A LEVEL-SHIFTING CIRCUIT CONFIGURED TO LIMIT LEAKAGE CURRENT	15/893909	2018-02-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
45	METHODS AND APPARATUS FOR ANTI-ECLIPSE CIRCUIT VERIFICATION	15/895354	2018-02-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
46	IMAGE SENSORS WITH DEEP SILICON ETCH AND RELATED METHODS	15/895668	2018-02-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
47	ERROR RATE METER INCLUDED IN A SEMICONDUCTOR DIE	15/895784	2018-02-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
48	IMAGING SYSTEMS HAVING DUAL STORAGE GATE OVERFLOW CAPABILITIES	15/900136	2018-02-20			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
49	POWER FACTOR CORRECTION CIRCUIT AND DRIVING METHOD THEREOF	15/901228	2018-02-21			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
50	SEMICONDUCTOR DEVICE WITH BACKMETAL AND RELATED METHODS	15/903677	2018-02-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
51	SEMICONDUCTOR DEVICE AND METHOD OF FORMING CANTILEVERED PROTRUSION ON A SEMICONDUCTOR DIE	15/903704	2018-02-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
52	NEGATIVE VOLTAGE DETECTION AND VOLTAGE SURGE PROTECTION	15/904506	2018-02-26			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
53	IMAGE SENSORS HAVING HIGH DYNAMIC RANGE FUNCTIONALITIES	15/906619	2018-02-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
54	SEMICONDUCTOR WAFER AND METHOD OF PROBE TESTING	15/907931	2018-02-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
55	Imaging System with Clear Filter Pixels	15/908319	2018-02-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
56	METHODS AND APPARATUS FOR AN ENCODER	15/908931	2018-03-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
57	METHOD FOR OPERATING AN ELECTRONIC MODULE	15/908981	2018-03-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
58	LOW NOISE DIFFERENTIAL AMPLIFIER	15/909098	2018-03-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
59	ELECTRONIC DEVICE INCLUDING A JUNCTION FIELD-EFFECT TRANSISTOR HAVING A GATE WITHIN A WELL REGION AND A PROCESS OF FORMING THE SAME	15/909622	2018-03-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
60	PREAMPLIFIER AND METHOD	15/911476	2018-03-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
61	ELECTRICAL REGULATION SYSTEMS AND RELATED METHODS	15/911894	2018-03-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
62	CASCODE CIRCUIT HAVING A GATE OF A LOW-SIDE TRANSISTOR COUPLED TO A HIGH-SIDE TRANSISTOR	15/911999	2018-03-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
63	CLIP AND RELATED METHODS	15/912267	2018-03-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
64	IMAGING PIXELS WITH STORAGE CAPACITORS	15/914122	2018-03-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
65	IGNITION CONTROL SYSTEM FOR A HIGH-VOLTAGE BATTERY SYSTEM	15/914370	2018-03-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
66	ELECTRONIC DEVICE INCLUDING A TRANSISTOR INCLUDING III-V MATERIALS AND A PROCESS OF FORMING THE SAME	15/916428	2018-03-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
67	DUAL CONVERSION GAIN CIRCUITRY WITH BURIED CHANNELS	15/916947	2018-03-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
68	IMAGING SYSTEMS WITH BOOSTED CONTROL SIGNALS	15/918067	2018-03-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
69	Trench Schottky Diodes with variable Conductivity Modulation	15/919475	2018-03-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
70	MULTI-CHIP PACKAGES WITH STABILIZED DIE PADS	15/919516	2018-03-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
71	VARIABLE RESISTANCE VIAS AND RELATED METHODS	15/920880	2018-03-14			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
72	THINNED SEMICONDUCTOR PACKAGE AND RELATED METHODS	15/921898	2018-03-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
73	EMBEDDED STACKED DIE PACKAGES AND RELATED METHODS	15/926127	2018-03-20			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
74	METHODS AND APPARATUS FOR AN IMAGE SENSOR CAPABLE OF SIMULTANEOUS INTEGRATION OF ELECTRONS AND HOLES	15/928450	2018-03-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
75	SMART TURN-OFF FOR GATE DRIVER CIRCUIT	15/935291	2018-03-26			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
76	METHOD OF FORMING A POWER SUPPLY CONTROL CIRCUIT AND STRUCTURE THEREFOR	15/935840	2018-03-26			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
77	METHOD OF SEPARATING A BACK LAYER ON A SUBSTRATE USING EXPOSURE TO REDUCED TEMPERATURE AND RELATED APPARATUS	15/938115	2018-03-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
78	CISCSP Package and Related Methods	15/939582	2018-03-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
79	LEADFRAME WITH SOCKETS FOR SOLDERLESS PINS	15/939632	2018-03-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
80	ULTRA-THIN MULTICHIP POWER DEVICES	15/939843	2018-03-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
81	FAST RESPONSE FOR CURRENT DOUBLING DC-DC CONVERTER	15/940299	2018-03-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
82	CURRENT DOUBLING DC-DC CONVERTER WITH EFFICIENT SLEEP MODE	15/940362	2018-03-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
83	LEADFRAME WITH EFFICIENT HEAT DISSIPATION FOR SEMICONDUCTOR DEVICE PACKAGE ASSEMBLY	15/941424	2018-03-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
84	CONTROL FOR SWITCHING VOLTAGE REGUALTORS AND POWER CONVERTERS	15/941528	2018-03-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
85	METHODS AND APPARATUS FOR A MICROPHONE SYSTEM	62/620707	2018-01-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
86	CAPACITORS WITH ELECTRODE TOPOGRAPHY	62/621265	2018-01-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
87	Protection Methodology with Cable Fault Detection	62/641047	2018-03-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
88	ULTRA-LOW LEAKAGE DIODE CIRCUIT	62/647322	2018-03-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
89	ELECTRONIC DEVICE INCLUDING AN ENHANCEMENT-MODE HEMT AND A METHOD OF USING THE SAME	62/649249	2018-03-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

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	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
1	SWITCHING CONVERTER FOR REDUCING CURRENT CONSUMPTION IN SLEEP MODE	15/974164	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
2	TRANSISTOR DEVICE HAVING A PILLAR STRUCTURE	15/943914	2018-04-03			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
3	METHODS AND APPARATUS FOR DETERMINING A RESISTANCE VALUE OF A RESISTOR IN A BATTERY SYSTEM	15/974919	2018-05-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
4	METHODS AND APPARATUS FOR A CLASS-D AMPLIFIER	15/974884	2018-05-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
5	METHODS AND APPARATUS FOR ACTUATOR CONTROL	16/002214	2018-06-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
6	EFFICIENT BUCK-BOOST CHARGE PUMP AND METHOD THEREFOR	15/948048	2018-04-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
7	AMPLIFIER WITH COMMON MODE LOOP AND CHOP	15/993063	2018-05-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
8	QUASI-RESONANT CONVERTER WITH EFFICIENT LIGHT-LOAD OPERATION AND METHOD THEREFOR	15/982965	2018-05-17			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
9	OFFLINE CONVERTER WITH POWER FACTOR CORRECTION AT LIGHT LOADS AND METHOD THEREFOR	15/974392	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
10	STACKED IMAGE SENSOR PACKAGE	15/944634	2018-04-03			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
11	SINGULATION OF SILICON CARBIDE SEMICONDUCTOR WAFERS	15/974984	2018-05-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
12	HEAT TRANSFER FOR POWER MODULES	15/968353	2018-05-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
13	METHODS OF FORMING SEMICONDUCTOR PACKAGES WITH BACK SIDE METAL	15/965081	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
14	SEMICONDUCTOR POWER MODULE TO PROTECT AGAINST SHORT CIRCUIT EVENT	15/950749	2018-04-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
15	INDUCTIVE POSITION SENSOR	15/949762	2018-04-10			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
16	TRANSCEIVER METHODS AND SYSTEMS WITH PULSE GENERATOR BASED ON A BOOTSTRAP CAPACITOR	15/965131	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
17	CIRCUIT AND AN ELECTRONIC DEVICE INCLUDING A TRANSISTOR AND A COMPONENT AND A PROCESS OF FORMING THE SAME	15/965236	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
18	Trench Power MOSFET having a Trench Cavity	15/960819	2018-04-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
19	REVERSE RECOVERY CHARGE REDUCTION IN SEMICONDUCTOR DEVICES	15/959479	2018-04-23			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
20	METHODS AND APPARATUS FOR ACTUATOR CONTROL	15/942989	2018-04-02			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
21	METHODS AND SYSTEMS OF DETECTING FAILURE MODES OF DC TO DC POWER CONVERTERS	15/955899	2018-04-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
22	PRIMARY SIDE CONSTANT CURRENT REGULATION	16/007364	2018-06-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
23	OVERVOLTAGE PROTECTION CIRCUIT FOR USB CONNECTOR	15/974273	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
24	SEMICONDUCTOR SUBSTRATE SINGULATION SYSTEMS AND RELATED METHODS	15/986403	2018-05-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
25	DIE CLEANING SYSTEMS AND RELATED METHODS	15/988874	2018-05-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
26	SEMICONDUCTOR SUBSTRATE PROCESSING METHODS	15/986460	2018-05-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
27	SEMICONDUCTOR SUBSTRATE DIE SAWING SINGULATION SYSTEMS AND METHODS	15/964496	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
28	SEMICONDUCTOR SUBSTRATE CRACK MITIGATION SYSTEMS AND RELATED METHODS	15/964484	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
29	WAFER THINNING SYSTEMS AND RELATED METHODS	15/964464	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
30	DIE SINGULATION SYSTEMS AND METHODS	15/988262	2018-05-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
31	DIE SAWING SINGULATION SYSTEMS AND METHODS	15/988718	2018-05-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
32	SEMICONDUCTOR WAFER THINNING SYSTEMS AND RELATED METHODS	15/958123	2018-04-20			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
33	LIN-COMPATIBLE FAST-DATA BUS	16/005031	2018-06-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
34	METHODS AND APPARATUS FOR PREDICTIVE MODELING IN AN IMAGING SYSTEM	15/962712	2018-04-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
35	METHODS AND APPARATUS FOR ACTUATOR CONTROL	15/962710	2018-04-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
36	METHODS AND APPARATUS FOR ACTUATOR CONTROL	15/962704	2018-04-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
37	VOLTAGE THRESHOLD SENSING SYSTEM AND RELATED METHODS	15/961698	2018-04-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
38	SEMICONDUCTOR PACKAGE AND RELATED METHODS	15/973904	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
39	POWER SEMICONDUCTOR DEVICE	15/952845	2018-04-13			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
40	METHODS AND APPARATUS FOR A CONTINUOUS TIME LINEAR EQUALIZER	15/944662	2018-04-03			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
41	SYSTEMS AND METHODS OF ACTIVE CLAMP FLYBACK POWER CONVERTERS	15/964620	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
42	SEMICONDUCTOR DEVICE AND METHOD OF INTEGRATING POWER MODULE WITH INTERPOSER AND OPPOSING SUBSTRATES	15/954326	2018-04-16			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
43	SEMICONDUCTOR DEVICE AND METHOD OF INTEGRATING POWER MODULE WITH INTERPOSER AND OPPOSING SUBSTRATES	15/954353	2018-04-16			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
44	ELECTRONIC DEVICE INCLUDING A TRANSISTOR AND A VARIABLE RESISTOR	15/977051	2018-05-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
45	TERMINATION STRUCTURE FOR INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD	16/020719	2018-06-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
46	VOLTAGE TRANSLATOR DEVICE	16/005298	2018-06-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
47	SYNCHRONOUS RECTIFIER CONTROLLER FOR OFFLINE POWER CONVERTER AND METHOD THEREFOR	15/974084	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
48	IMAGING PIXELS WITH MICROLENSES	15/957036	2018-04-19			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
49	IMAGE SENSORS WITH MULTI-PHOTODIODE IMAGE PIXELS AND VERTICAL TRANSFER GATES	16/002908	2018-06-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
50	CURRENT SUBTRACTION CIRCUITRY	15/955379	2018-04-17			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
51	MICROLENSES FOR HIGH DYNAMIC RANGE IMAGING PIXELS	15/974942	2018-05-09			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
52	IMAGE SENSORS WITH NON-RECTILINEAR IMAGE PIXEL ARRAYS	15/974507	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
53	VARIABLE BLANKING FREQUENCY FOR RESONANT CONVERTERS	15/968216	2018-05-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
54	METHODS AND APPARATUS FOR A BIOSENSOR	16/005027	2018-06-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
55	IMAGE SENSORS HAVING MULTI-STORAGE IMAGE SENSOR PIXELS	15/974452	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
56	MOLDED IMAGE SENSOR CHIP SCALE PACKAGES AND RELATED METHODS	15/957520	2018-04-19			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
57	DIRECT BONDED COPPER SEMICONDUCTOR PACKAGES AND RELATED METHODS	15/973873	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
58	SEMICONDUCTOR DIE SINGULATION METHODS	15/955581	2018-04-17			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
59	SEMICONDUCTOR DEVICE PACKAGE WITH CLIP INTERCONNECT AND DUAL SIDE COOLING	16/016712	2018-06-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
60	VOLTAGE TRANSLATOR USING LOW VOLTAGE POWER SUPPLY	16/005216	2018-06-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
61	SOI SUBSTRATE AND RELATED METHODS	15/961642	2018-04-24			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
62	METHOD AND SYSTEM OF A RESONANT POWER CONVERTER	16/010578	2018-06-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
63	IMAGE SENSORS HAVING DUMMY PIXEL ROWS	15/992975	2018-05-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
64	COMPENSATION OF INPUT CURRENT OF LDO OUTPUT STAGE	15/995441	2018-06-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
65	APPARATUS AND METHODS FOR GENERATING HIGH DYNAMIC RANGE IMAGES	15/980327	2018-05-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
66	IMAGE SENSORS WITH CHARGE OVERFLOW CAPABILITIES	15/995399	2018-06-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
67	IMAGE SENSORS WITH LIGHT FLICKER MITIGATION CAPABILITIES	15/992928	2018-05-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
68	ELECTRONIC DEVICE INCLUDING AN ACCESS REGION AND A PROCESS OF FORMING THE SAME	15/997122	2018-06-04			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
69	GUARD RINGS FOR CASCODE GALLIUM NITRIDE DEVICES	15/955555	2018-04-17			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
70	METHOD FOR FORMING A SEMICONDUCTOR PACKAGE	15/945649	2018-04-04			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
71	METHODS AND SYSTEMS OF A RECTIFIER CIRCUIT	16/015464	2018-06-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
72	IMAGE SENSORS WITH POWER SUPPLY NOISE REJECTION CAPABILITIES	15/955528	2018-04-17			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
73	HIGH POWER MODULE PACKAGE STRUCTURES	62/665598	2018-05-02			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
74	PACKAGE STRUCTURE WITH MULTIPLE SUBSTRATES	62/670506	2018-05-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
75	SEMICONDUCTOR PACKAGE WITH INTEGRATED HEAT SINK	16/013397	2018-06-20			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
76	REDUCTION OF ELECTROMAGNETIC INTERFERENCE IN A FLYBACK CONVERTER	15/973900	2018-05-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
77	SEMICONDUCTOR DEVICE AND METHOD OF FORMING CANTILEVERED PROTRUSION ON A SEMICONDUCTOR DIE	15/957731	2018-04-19			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
78	PREDICTIVE RESONANCE CONTROL FOR A DICKSON CONVERTER	62/665294	2018-05-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
79	Valley Detection for Totem Pole Bridgeless PFC	62/655592	2018-04-10			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
80	Current Sensing Technique for Totem Pole Bridgeless PFC	62/655598	2018-04-10			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
81	Method and Apparatus for Controlling Wireless Induction Power Supply	15/956588	2018-04-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
82	IMAGE SENSOR WITH HEATING EFFECT AND RELATED METHODS	15/951470	2018-04-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
83	Communication Circuit for Flyback Power Converter with Synchronous Rectifier	15/965102	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
84	SEMICONDUCTOR SUBSTRATE PRODUCTION SYSTEMS AND RELATED METHODS	15/994864	2018-05-31			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
85	IMAGING PIXELS WITH PLASMONIC COLOR FILTER ELEMENTS	15/979190	2018-05-14			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
86	IMAGING SYSTEMS WITH DEPTH DETECTION	16/023077	2018-06-29			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
87	CHARGE PACKET SIGNAL PROCESSING USING PINNED PHOTODIODE DEVICES	15/992853	2018-05-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
88	RESONANCE-COUPLED SIGNALING BETWEEN IC MODULES	15/957153	2018-04-19			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
89	A Robust Speech Classifier in Ultra-Low Processing Power Setting	62/659937	2018-04-19			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
90	HYBRID GATE DIELECTRICS FOR SEMICONDUCTOR POWER DEVICES	15/982934	2018-05-17			FAIRCHILD SEMICONDUCTOR CORPORATION
91	AUTO-TUNING CURRENT LIMITER	16/010931	2018-06-18			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
92	HIGH DYNAMIC RANGE IMAGING PIXELS WITH MULTIPLE EXPOSURES	16/008221	2018-06-14			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
93	PACKAGED SEMICONDUCTOR DEVICES WITH LASER GROOVED WETTABLE FLANK AND METHODS OF MANUFACTURE	15/982616	2018-05-17			FAIRCHILD SEMICONDUCTOR CORPORATION
94	LIGHT EMITTING DIODE CONTROL CIRCUIT WITH HYSTERETIC CONTROL AND LOW-SIDE OUTPUT CURRENT SENSING	15/964684	2018-04-27			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
95	SYSTEM FOR AND METHOD OF MANUFACTURE USING MULTIMODAL ANALYSIS	62/664797	2018-04-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
96	NEURAL NETWORK ACCELERATOR	62/665318	2018-05-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
97	PACKAGE STRUCTURE WITH MULTIPLE SUBSTRATES	15/993169	2018-05-30			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
98	METHODS AND APPARATUS FOR DRIVER CALIBRATION	16/002179	2018-06-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
99	POWER DEVICE HAVING SUPER JUNCTION AND SCHOTTKY DIODE	16/009484	2018-06-15			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
100	METHOD OF SINGULATING SEMICONDUCTOR WAFER HAVING A PLURALITY OF DIE AND A BACK LAYER DISPOSED ALONG A MAJOR SURFACE	15/977608	2018-05-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
101	BACKSIDE ILLUMINATED GLOBAL SHUTTER PIXELS	16/005887	2018-06-12			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
102	PIXEL CONTROL SIGNAL VERIFICATION IN A STACKED IMAGE SENSOR	16/014205	2018-06-21			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
103	BACKSIDE ILLUMINATION IMAGE SENSORS	16/014359	2018-06-21			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
104	ASYMMETRIC ANGULAR RESPONSE PIXELS FOR SINGLE SENSOR STEREO	15/997851	2018-06-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
105	LED DRIVING DEVICE	15/994113	2018-05-31			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
106	TX Pulse Shaping for Ultrasonic Sensors	62/679221	2018-06-01			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
107	SEMICONDUCTOR DEVICE HAVING BIASING STRUCTURE FOR SELF-ISOLATING BURIED LAYER AND METHOD THEREFOR	16/004718	2018-06-11			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
108	RECONFIGURABLE MIMO RADAR	62/684982	2018-06-14			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
109	METHODS AND APPARATUS FOR ACTUATOR CONTROL	16/002384	2018-06-07			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
110	TESTERS, SYSTEMS, AND METHODS	62/681035	2018-06-05			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
111	RESONANT CONVERTER AND DRIVING METHOD THEREOF	16/003945	2018-06-08			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
112	AVERAGE CURRENT AND FREQUENCY CONTROL	16/021556	2018-06-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
113	CONVERTER AND DRIVING METHOD THEREOF	16/021922	2018-06-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
114	METHOD FOR FORMING OHMIC CONTACTS	16/017145	2018-06-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
115	TEMPERATURE-COMPENSATED LOW-VOLTAGE BANDGAP REFERENCE	16/022266	2018-06-28			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
116	IMAGING SYSTEMS WITH HIGH DYNAMIC RANGE AND PHASE DETECTION PIXELS	16/014170	2018-06-21			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
117	Computationally Efficient Sub-band Music Classifier	62/688726	2018-06-22			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
118	METHOD OF WEAK NVM BIT CELL DETECTION	62/687639	2018-06-20			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
119	METHOD OF REDUCING RESIDUAL CONTAMINATION IN SINGULATED SEMICONDUCTOR DIE	62/689481	2018-06-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
120	SAFETY (IR) LED DRIVER WITH LIMITED EXPOSURE TIME AND FREQUENCY LIMITATION	62/689599	2018-06-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
121	CIRCUITS, SYSTEMS, AND METHODS FOR LOW LOSS	62/689752	2018-06-25			SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

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	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
1	PROCESS OF FORMING AN ELECTRONIC DEVICE INCLUDING AN ACCESS REGION	16/025085	7/2/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
2	CIRCUIT AND ELECTRONIC DEVICE INCLUDING AN ENHANCEMENT-MODE TRANSISTOR	16/026897	7/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
3	Dual Sided Lead Frame Semiconductor Package	62/693788	7/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
4	TUNABLE/DE-TUNABLE WIRELESS POWER RESONATOR SYSTEM AND RELATED METHODS	16/029444	7/6/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
5	METHOD OF FORMING A SEMICONDUCTOR DEVICE	16/029917	7/9/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
6	SEMICONDUCTOR PACKAGE WITH GROUNDING DEVICE AND RELATED METHODS	16/031948	7/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
7	METHODS AND APPARATUS FOR INCREASED DYNAMIC RANGE OF AN IMAGE SENSOR	16/032957	7/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
8	METHODS AND SYSTEMS OF PEAK PRIMARY CURRENT CONTROL ON THE SECONDARY SIDE	16/032323	7/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
9	POWER CONVERSION EFFICIENCY USING VARIABLE SWITCHING FREQUENCY	16/034169	7/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
10	POWER CONVERTER AND METHOD OF ENTERING SKIP AT A FIXED OUTPUT POWER IN A LIGHT LOAD CONDITION INDEPENDENT OF MAGNETIZING INDUCTANCE	16/034195	7/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
11	AVALANCHE-RUGGED SILICON CARBIDE (SIC) POWER DEVICE	16/035883	7/16/2018	N/A	N\A	FAIRCHILD SEMICONDUCTOR CORPORATION
12	SEMICONDUCTOR DEVICE AND METHOD OF FORMING BACKSIDE OPENINGS FOR AN ULTRA-THIN SEMICONDUCTOR DIE	16/035838	7/16/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
13	SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE	16/036560	7/16/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
14	ACTIVE CLAMP POWER CONVERTER AND METHOD OF REDUCING SHOOT-THROUGH CURRENT DURING SOFT START	16/035855	7/16/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
15	SYSTEM AND METHOD FOR BIDIRECTIONAL CURRENT SENSE CIRCUITS	62/699043	7/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
16	IMAGE SENSORS WITH PREDICTIVE PRE-CHARGING CIRCUITRY	16/037202	7/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
17	ONE CYCLE CONTROLLED POWER FACTOR CORRECTION CIRCUIT	16/037267	7/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
18	SEMICONDUCTOR DEVICE AND METHOD OF FORMING CURVED IMAGE SENSOR REGION ROBUST AGAINST BUCKLING	16/038422	7/18/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
19	SWITCHING DEVICE CONTROL WITH SECOND ASSERTION OF DRIVE SIGNAL DURING CONDUCTION PHASE	16/039521	7/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
20	QUASI-RESONANT VALLEY LOCKOUT WITHOUT FEEDBACK REFERENCE	16/039926	7/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
21	CHOPPER-STABILIZED AMPLIFIER WITH ANALOG-DRIVEN LEVEL SHIFTER	16/042006	7/23/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
22	METHODS AND APPARATUS FOR HIGH DYNAMIC RANGE IMAGING	16/042167	7/23/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
23	CHIP-ON-LEAD SEMICONDUCTOR DEVICE PACKAGES WITH ELECTRICALLY ISOLATED SIGNAL LEADS	16/045275	7/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
24	CIRCUIT AND METHOD FOR SOFT SHUTDOWN OF A COIL	16/045469	7/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
25	TRENCH DIODE AND METHOD OF FORMING THE SAME	16/045411	7/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
26	Readout Gain Error Cancellation	62/703724	7/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
27	SEMICONDUCTOR PACKAGES WITH CHARGE DISSIPATION LAYER AND RELATED METHODS	62/712070	7/30/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
28	METHODS AND APPARATUS FOR ROTATION DETECTION OF A BRUSHED DC MOTOR	16/050220	7/31/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
29	METHODS AND APPARATUS FOR MEASURING THE REMAINING CAPACITY OF A BATTERY	16/050569	7/31/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
30	SUBSTRATE INTEGRATED WAVEGUIDE AND METHOD FOR MANUFACTURING THE SAME	16/050991	7/31/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
31	ELECTRONIC DEVICE INCLUDING A HIGH ELECTRON MOBILITY TRANSISTOR INCLUDING A GATE ELECTRODE	16/052041	8/1/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
32	METHOD FOR FORMING TRENCH SEMICONDUCTOR DEVICE HAVING SCHOTTKY BARRIER STRUCTURE	16/053400	8/2/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
33	CARBON-CONTROLLED OHMIC CONTACT LAYER FOR BACKSIDE OHMIC CONTACT ON A SILICON CARBIDE POWER SEMICONDUCTOR DEVICE	16/052876	8/2/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
34	ALCI AUTO MONITORING CIRCUIT	62/713925	8/2/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
35	BOND-OVER-ACTIVE CIRCUITY GALLIUM NITRIDE DEVICES	16/054254	8/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
36	CHIP SCALE PACKAGE AND RELATED METHODS	16/054067	8/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
37	TRANSFORM PROCESSORS FOR GRADUALLY SWITCHING BETWEEN IMAGE TRANSFORMS	16/053992	8/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
38	METHODS AND APPARATUS FOR A GLOBAL SHUTTER SCANNED, STACKED IMAGE SENSOR CAPABLE OF SIMULTANEOUS INTEGRATION OF ELECTRONS AND HOLES	16/054025	8/3/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
39	"POWER ON RESET CIRCUIT AND UNDER-VOLTAGE LOCKOUT CIRCUIT COMPRISING THE SAME"	16/057589	8/7/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
40	CONTROL OF PULSE GENERATOR IN DRIVING CONTROL DEVICE	16/057992	8/8/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
41	SHORT-CIRCUIT PERFORMANCE FOR SILICON CARBIDE SEMICONDUCTOR DEVICE	16/059223	8/9/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
42						SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
43	THROUGH-SUBSTRATE VIA STRUCTURE AND METHOD OF MANUFACTURE	16/101259	8/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
44	SEMICONDUCTOR SENSORS WITH CHARGE DISSIPATION LAYER AND RELATED METHODS	62/717658	8/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
45	PACKAGING STRUCTURE FOR A SENSOR HAVING A SEALING LAYER	16/101567	8/13/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
46	METHODS AND APPARATUS FOR A CAPACITIVE SENSOR	16/102099	8/13/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
47	SEMICONDUCTOR COMPONENT HAVING AN ESD PROTECTION DEVICE	16/103518	8/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
48	ELECTRONIC DEVICE PACKAGING WITH GALVANIC ISOLATION	16/102922	8/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
49	MULTI-CHIP PACKAGING STRUCTURE FOR AN IMAGE SENSOR	16/103128	8/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
50	STACK PACKAGING STRUCTURE FOR AN IMAGE SENSOR	16/103135	8/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
51	CIRCUITS AND METHODS FOR BI-DIRECTIONAL DATA COMMUNICATION OVER ISOLATION CHANNELS	16/102910	8/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
52	ELECTRONIC DEVICE INCLUDING A TRANSISTOR HAVING STRUCTURES WITH DIFFERENT CHARACTERISTICS	16/104039	8/16/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
53	Agnostic Model of Semiconductor Devices and Related Methods	16/107158	8/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
54	CURRENT SENSOR PACKAGES	16/106638	8/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
55	SYSTEMS AND METHODS FOR IMAGE DATA COMPRESSION	16/106708	8/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
56	INTEGRATED CIRCUIT WITH CAPACITOR IN DIFFERENT LAYER THAN TRANSMISSION LINE	16/107377	8/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
57	INDUCTIVE TOPOLOGY FOR A LIDAR DRIVER	62/720833	8/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
58	CLAMPED OUTPUT AMPLIFIER	16/108344	8/22/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
59	CROSS-COUPLED CHARGE-PUMPS	16/108949	8/22/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
60	METHODS AND SYSTEMS OF OPERATING BUCK-BOOST CONVERTERS	16/109016	8/22/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
61	SEMICONDUCTOR DEVICE HAVING OPTIMIZED DRAIN TERMINATION AND METHOD THEREFOR	16/111931	8/24/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
62	DEVICES, SYSTEMS AND METHODS FOR DETERMINING AND COMPENSATING FOR OFFSET ERRORS ARISING IN INDUCTIVE SENSORS	16/112221	8/24/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
63	"METHOD OF FORMING A CONVERSION CIRCUIT AND STRUCTURE THEREFOR "	16/111880	8/24/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
64	LOW DROPOUT (LDO) VOLTAGE REGULATOR WITH SOFT START CIRCUIT	16/113973	8/27/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
65	MOTOR DRIVER WITH MULTIPURPOSE PIN	16/113127	8/27/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
66	PROCESS VARIATION AS DIE LEVEL TRACEABILITY	16/114674	8/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
67	MOTOR DRIVER WITH MULTIPURPOSE PIN	16/114455	8/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
68	IMAGE SENSOR WITH NEAR-INFRARED AND VISIBLE LIGHT PIXELS	16/116380	8/29/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
69	STACKED IMAGE SENSOR CAPACITORS AND RELATED METHODS	16/116634	8/29/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
70	METHODS AND SYSTEMS FOR WIRELESS AUDIO	16/117400	8/30/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
71	POWER FACTOR CORRECTION CIRCUIT AND METHOD	16/117341	8/30/2018	N/A	N\A	FAIRCHILD SEMICONDUCTOR CORPORATION
72	METHOD FOR ADJUSTING A DRIVE SIGNAL	16/120826	9/4/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
73	ELECTRONIC DEVICE INCLUDING A TRANSISTOR AND A CURRENT LIMITING CONTROL STRUCTURE	16/123115	9/6/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
74	IMAGE SENSOR PIXELS WITH OVERFLOW CAPABILITIES	16/123700	9/6/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
75	METHODS AND SYSTEMS OF OPERATING A RESONANT DICKSON CONVERTER	16/123609	9/6/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
76	LOW TURN-ON VOLTAGE SILICON CARBIDE RECTIFIERS	16/124413	9/7/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
77	IMAGE SENSORS WITH MULTIPART DIFFRACTIVE LENSES	16/125479	9/7/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
78	AN ELECTRO-STATIC DISCHARGE (ESD) PROTECTION CLAMP TECHNOLOGY	16/125839	9/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
79	CIRCUIT THAT CHANGES VOLTAGE OF BACK ELECTRODE OF TRANSISTOR BASED ON ERROR CONDITION	16/125921	9/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
80	METHOD OF FORMING A SEMICONDUCTOR DEVICE	16/126877	9/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
81	CARRIER TAPE WITH STANDOFF UNITS	16/126614	9/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
82	SEMICONDUCTOR WAFER AND METHOD OF WAFER THINNING USING GRINDING PHASE AND SEPARATION PHASE	16/126717	9/10/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
83	TRENCH MOSFET CONTACTS	16/128139	9/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
84	ELECTRONIC DEVICE INCLUDING AN INSULATED GATE BIPOLAR TRANSISTOR HAVING A FIELD-STOP REGION AND A PROCESS OF FORMING THE SAME	16/128267	9/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
85	DAMAGING COMPONENTS WITH DEFECTIVE ELECTRICAL COUPLINGS	16/128353	9/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
86	REDUCED VOLTAGE SWITCHING OF A MAIN SWITCH IN FLYBACK POWER CONVERTERS	16/128324	9/11/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
87	SYSTEMS AND METHODS FOR FAULT DETECTION IN IMAGE SENSOR PROCESSORS	16/128708	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
88	METHODS AND APPARATUS FOR A CAPACITIVE SENSOR	16/128745	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
89	LINE RIPPLE REDUCER	16/128650	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
90	PULSE WIDTH DEMODULATOR	16/128681	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
91	PFC Control Method to Provide CCM and DCM Operation Entire Load and Line Range	16/128916	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
92	EFFICIENT CLOSED LOOP TUNING USING SIGNAL STRENGTH	16/129559	9/12/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
93	DIE BONDING TO A BOARD	16/130835	9/13/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
94	IMAGING PIXELS WITH NON-DESTRUCTIVE READOUT CAPABILITIES	16/130118	9/13/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
95	STACKED SEMICONDUCTOR DEVICE STRUCTURE AND METHOD	16/131331	9/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
96	WIRE BONDING SYSTEMS AND RELATED METHODS	16/131401	9/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
97	SEMICONDUCTOR DEVICE AND METHOD OF FORMING MICRO INTERCONNECT STRUCTURES	16/131462	9/14/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
98	METHODS OF REDUCING WAFER THICKNESS	16/133063	9/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
99	THINNED SEMICONDUCTOR WAFER	16/133178	9/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
100	ELECTROSTATIC DISCHARGE HANDLING FOR LATERAL TRANSISTOR DEVICES	16/132545	9/17/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
101	INSULATED GATE SEMICONDUCTOR DEVICE HAVING TRENCH TERMINATION STRUCTURE AND METHOD	16/134598	9/18/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
102	POWER DEVICE WITH A FIELD STOP LAYER	16/134742	9/18/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
103	ELECTRONIC DEVICE INCLUDING AN INSULATING STRUCTURE	16/134936	9/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
104	TAPE HEATING METHODS	16/136021	9/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
105	JET ABLATION DIE SINGULATION SYSTEMS AND RELATED METHODS	16/136026	9/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
106	AUTOMATIC CONTROL OF SYNCHRONOUS RECTIFIER TURN-OFF THRESHOLD	16/135166	9/19/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
107	SiC MOSFET Semiconductor Packages and Related Methods	62/733793	9/20/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
108	IMAGING SYSTEMS WITH SUB-RADIX-2 CHARGE SHARING SUCCESSIVE APPROXIMATION REGISTER (SAR) ANALOG-TO-DIGITAL CONVERTERS	16/137876	9/21/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
109	METHODS AND APPARATUS FOR IN-PLACE FAST FOURIER TRANSFORM	16/139339	9/24/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
110	"ELECTRONIC DEVICE INCLUDING A TRANSISTOR AND A VARIABLE CAPACITOR"	16/141557	9/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
111	SEMICONDUCTOR DIE SINGULATION METHODS	16/141019	9/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
112	REDUCING MOSFET BODY CURRENT	16/140864	9/25/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
113	NARROW-MESA SUPER-JUNCTION MOSFET	16/141761	9/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
114	Power Modules and Related Methods	62/736521	9/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
115	IGNITION WITH CIRCULATING CURRENT CONTROL	62/736601	9/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
116	PHASE DETECTION PIXELS WITH DIFFRACTIVE LENSES	16/142231	9/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
117	ADAPTIVE GATE DRIVER	16/142256	9/26/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
118	MICROMACHINED MULTI-AXIS GYROSCOPES WITH REDUCED STRESS SENSITIVITY	16/143772	9/27/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
119	SEMICONDUCTOR DEVICE AND METHOD FOR SUPPORTING ULTRA-THIN SEMICONDUCTOR DIE	16/144750	9/27/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
120	ACTIVE REFLECTOR WITH OSCILLATION INHIBITION	16/144115	9/27/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
121	CONNECTING CLIP DESIGN FOR PRESSURE SINTERING	16/145517	9/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
122	FAN-OUT WAFER LEVEL PACKAGING OF SEMICONDUCTOR DEVICES	16/145783	9/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC
123	SEMICONDUCTOR DEVICE ASSEMBLIES INCLUDING SPACER WITH EMBEDDED SEMICONDUCTOR DIE	16/145918	9/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

	App Title	App No.	Filing Date	Patent No.	Grant Date	Applicant
124	IMAGE SENSOR WITH SELECTIVE PIXEL BINNING	62/738072	9/28/2018	N/A	N\A	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC

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Property Type	Number
Application Number:	16148127
Application Number:	16148523
Application Number:	16148563
Application Number:	16149360
Application Number:	16150836
Application Number:	16150891
Application Number:	16150951
Application Number:	16151027
Application Number:	16151147
Application Number:	16155932
Application Number:	16156516
Application Number:	16157398
Application Number:	16157412
Application Number:	16159760
Application Number:	16159769
Application Number:	16160423
Application Number:	16166442
Application Number:	16167816
Application Number:	16169029
Application Number:	16169550
Application Number:	16170400
Application Number:	16174507
Application Number:	16174558
Application Number:	16175392
Application Number:	16177697
Application Number:	16177723
Application Number:	16179599
Application Number:	16180819

Application Number:	16181601
Application Number:	16181767
Application Number:	16181876
Application Number:	16182746
Application Number:	16182766
Application Number:	16182992
Application Number:	16183078
Application Number:	16183844
Application Number:	16183873
Application Number:	16184087
Application Number:	16185139
Application Number:	16185180
Application Number:	16185211
Application Number:	16185242
Application Number:	16185371
Application Number:	16189145
Application Number:	16189313
Application Number:	16191525
Application Number:	16192045
Application Number:	16192915
Application Number:	16194734
Application Number:	16197411
Application Number:	16200789
Application Number:	16201182
Application Number:	16201253
Application Number:	16202953
Application Number:	16203072
Application Number:	16203149
Application Number:	16203570
Application Number:	16204097
Application Number:	16205417
Application Number:	16205995
Application Number:	16206057
Application Number:	16214428

Application Number:	16214972
Application Number:	16215075
Application Number:	16215787
Application Number:	16215836
Application Number:	16215870
Application Number:	16215920
Application Number:	16217702
Application Number:	16217739
Application Number:	16217753
Application Number:	16218835
Application Number:	16220161
Application Number:	16222401
Application Number:	16223288
Application Number:	16225605
Application Number:	16225704
Application Number:	16225810
Application Number:	16225930
Application Number:	16226054
Application Number:	16226196
Application Number:	16226791
Application Number:	16226989
Application Number:	16227048
Application Number:	16227971
Application Number:	16229186
Application Number:	16230257
Application Number:	16230494
Application Number:	16232530
Application Number:	16233377
Application Number:	16233518
Application Number:	16234729
Application Number:	16234844
Application Number:	62744449
Application Number:	62760679
Application Number:	62770266

Application Number:	62776040
Application Number:	62779293
Application Number:	62780704
Application Number:	62782135

Property Type	Number
Application Number:	16458368
Application Number:	16458433
Application Number:	16459849
Application Number:	16459954
Application Number:	16460140
Application Number:	16460668
Application Number:	16460715
Application Number:	16460746
Application Number:	16460791
Application Number:	16460833
Application Number:	16502298
Application Number:	16502349
Application Number:	16502379
Application Number:	16502381
Application Number:	16502435
Application Number:	16502441
Application Number:	16502482
Application Number:	16504929
Application Number:	16505632
Application Number:	16505646
Application Number:	16505860
Application Number:	16505878
Application Number:	16505902
Application Number:	16505925
Application Number:	16505949
Application Number:	16505967
Application Number:	16506004

Application Number:	16506040
Application Number:	16506087
Application Number:	16506405
Application Number:	16506442
Application Number:	16506497
Application Number:	16510385
Application Number:	16510601
Application Number:	16512621
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Reel 057054, Frame 0706

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Application Number:	16279336
Application Number:	16280241
Application Number:	16299843
Application Number:	16460140
Application Number:	16521695
Application Number:	16521834
Application Number:	16571680
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Application Number:	16717368
Application Number:	16737628
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Application Number:	62397567
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Application Number:	17646944

Application Number:	63297329
Application Number:	17572106
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Application Number:	17647999
Application Number:	63266804
Application Number:	63266990
Application Number:	63266991
Application Number:	17585531
Application Number:	17649106
Application Number:	17649299
Application Number:	17588660
Application Number:	17649691
Application Number:	17649815
Application Number:	17649943
Application Number:	17649956
Application Number:	17650265
Application Number:	17666740
Application Number:	17650451
Application Number:	17650456
Application Number:	17650610
Application Number:	17669164
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Application Number:	17654951
Application Number:	17654958
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Application Number:	17655398
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Application Number:	17702175
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Property Type	Number

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Application Number:	17811365
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Application Number:	17814566
Application Number:	17814750
Application Number:	17814949
Application Number:	17815984
Application Number:	17815995
Application Number:	17816144
Application Number:	17816224
Application Number:	17816450
Application Number:	17816455
Application Number:	17816797
Application Number:	17817082
Application Number:	17817116
Application Number:	17817736
Application Number:	17818436
Application Number:	17818880
Application Number:	17819469
Application Number:	17820007
Application Number:	17820960
Application Number:	17821052
Application Number:	17821497
Application Number:	17821986

Application Number:	17822008
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Application Number:	17823209
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Application Number:	63399311