

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6901539

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
LINEAR TECHNOLOGY CORPORATION	05/02/2017

RECEIVING PARTY DATA

Name:	LINEAR TECHNOLOGY LLC
Street Address:	1630 MCCARTHY BLVD.
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 100

Property Type	Number
Application Number:	11183960
Application Number:	11180556
Application Number:	11131338
Application Number:	11102876
Application Number:	10172874
Application Number:	10613420
Application Number:	11183289
Application Number:	11518027
Application Number:	11726988
Application Number:	11252565
Application Number:	11375578
Application Number:	11154548
Application Number:	11116427
Application Number:	11142477
Application Number:	11052473
Application Number:	11038041
Application Number:	11024473
Application Number:	11024032
Application Number:	11052104
Application Number:	10966101

PATENT

Property Type	Number
Application Number:	10880527
Application Number:	10911703
Application Number:	11012179
Application Number:	09169524
Application Number:	09113618
Application Number:	09573619
Application Number:	09114384
Application Number:	09143627
Application Number:	09152860
Application Number:	09395804
Application Number:	09179534
Application Number:	09240102
Application Number:	08228478
Application Number:	08472538
Application Number:	09135229
Application Number:	09135161
Application Number:	09135159
Application Number:	09151435
Application Number:	09145536
Application Number:	09305132
Application Number:	09239047
Application Number:	09239048
Application Number:	09258534
Application Number:	10011504
Application Number:	11244887
Application Number:	09510181
Application Number:	10350670
Application Number:	10350927
Application Number:	10761753
Application Number:	11077297
Application Number:	09390178
Application Number:	09932518
Application Number:	09617179
Application Number:	09576517
Application Number:	10261916
Application Number:	09397629
Application Number:	10350552
Application Number:	11040357

Property Type	Number
Application Number:	09544837
Application Number:	09721140
Application Number:	09457628
Application Number:	09564108
Application Number:	10272688
Application Number:	10878703
Application Number:	09593021
Application Number:	08036047
Application Number:	08799467
Application Number:	08978167
Application Number:	09395895
Application Number:	09978120
Application Number:	09677158
Application Number:	09537027
Application Number:	09503549
Application Number:	09920463
Application Number:	09995701
Application Number:	09628534
Application Number:	10180418
Application Number:	09713908
Application Number:	10394335
Application Number:	11173616
Application Number:	09693058
Application Number:	09804348
Application Number:	10173452
Application Number:	09721600
Application Number:	09684317
Application Number:	09988930
Application Number:	09708791
Application Number:	09789960
Application Number:	09853287
Application Number:	10368089
Application Number:	09892652
Application Number:	09735331
Application Number:	09898245
Application Number:	09837658
Application Number:	10106499
Application Number:	10443299

Property Type	Number
Application Number:	10716129
Application Number:	09921466
Application Number:	10324628
Application Number:	95000051

CORRESPONDENCE DATA

Fax Number: (612)339-3061

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: 6123593272

Email: jehlers@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: 121 SOUTH 8TH STREET

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	5867.000001
NAME OF SUBMITTER:	JAMIE A EHLERS
SIGNATURE:	/Jamie A. Ehlers/
DATE SIGNED:	09/04/2021

Total Attachments: 160

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Delaware
The First State

Page 1

I, JEFFREY W. BOLLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE DELAWARE CORPORATION UNDER THE NAME OF "LINEAR TECHNOLOGY CORPORATION" TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "LINEAR TECHNOLOGY CORPORATION" TO "LINEAR TECHNOLOGY LLC", FILED IN THIS OFFICE ON THE SECOND DAY OF MAY, A.D. 2017, AT 12:03 O'CLOCK P.M.



J. Bollock
Jeffrey W. Bollock, Secretary of State

226310E E100V
SR# 20172987834

You may verify this certificate online at corp.delaware.gov/active.shtml

Authentication: 202471514
Date: 05-02-17

**CERTIFICATE OF CONVERSION TO LIMITED LIABILITY COMPANY
OF
LINEAR TECHNOLOGY CORPORATION
TO
LINEAR TECHNOLOGY LLC**

This Certificate of Conversion to Limited Liability Company is being duly executed and filed by Linear Technology Corporation, a Delaware corporation (the "Corporation"), to convert the Corporation to a Delaware limited liability company under the Delaware Limited Liability Company Act (6 Del. C. § 18-214) and the General Corporation Law of the State of Delaware (8 Del. C. § 266).

1. The Corporation filed its original Certificate of Incorporation with the Secretary of State of the State of Delaware and was first incorporated on October 20, 2000 under the name Linear Technology Corporation.
2. The Corporation's name immediately prior to the filing of this Certificate of Conversion to Limited Liability Company was Linear Technology Corporation.
3. The name of the limited liability company into which the Corporation shall be converted as set forth in the Certificate of Formation of the limited liability company shall be Linear Technology LLC.

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IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion
to Limited Liability Company as of May 2nd, 2017.

LINEAR TECHNOLOGY CORPORATION

By: 
Name: Kevin Lanquette
Title: Secretary

FILE NUMBER	MATTER TYPE	SERIAL NUMBER	TITLE	DATE FILED	STATUS	GRANT DATE	PATENT NUMBER	CLIENT NAME	CURRENT APPLICANT
5867.004 PRV	Prov - ORG	61/769,68 4	SYNCHRONIZED CHARGE PUMP- DRIVEN INPUT BUFFER AND METHOD	Feb 26, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.004 US1	Utility - NPNEW	14/169,08 4	SYNCHRONIZED CHARGE PUMP- DRIVEN INPUT BUFFER AND METHOD	Jan 30, 2014	Issued	May 15, 2018	9,973,079	Linear Technology Holding LLC	Linear Technology Corporation
5867.009 PRV	Prov - ORG	62/126,83 3	INPUT CURRENT CONDITIONER FOR PRECISION COULOMB COUNTING	Mar 2, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.009 US1	Utility - NPNEW	14/805,75 7	INPUT CURRENT CONDITIONER FOR PRECISION COULOMB COUNTING	Jul 22, 2015	Issued	Dec 19, 2017	9,846,196	Linear Technology Holding LLC	Linear Technology Corporation
5867.010 PRV	Prov - ORG	62/168,15 6	MAINTAINING LED DRIVER OPERATING POINT DURING PWM OFF TIMES	May 29, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.010 US1	Utility - NPNEW	15/147,83 4	MAINTAINING LED DRIVER OPERATING POINT DURING PWM OFF TIMES	May 5, 2016	Issued	May 2, 2017	9,642,200	Linear Technology Holding LLC	Linear Technology Corporation
5867.011 PRV	Prov - ORG	62/168,23 4	MAINTAINING OUTPUT CAPACITANCE VOLTAGE IN LED DRIVER DURING PWM OFF TIMES	May 29, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.011 US1	Utility - NPNEW	15/147,84 2	MAINTAINING OUTPUT CAPACITANCE VOLTAGE IN LED DRIVER SYSTEMS DURING PWM OFF TIMES	May 5, 2016	Issued	Mar 14, 2017	9,596,728	Linear Technology Holding LLC	Linear Technology Corporation
5867.013 US1	Utility - ORG	15/446,70 2	ANALOG TO DIGITAL CONVERSION YIELDING EXPONENTIAL RESULTS	Mar 1, 2017	Issued	Jan 2, 2018	9,859,909	Linear Technology Holding LLC	Linear Technology Corporation

5867.014 US1	Utility - ORG	13/325,95 9	PRIMARY UNIT CONTROL OF RESONANT INDUCTIVE POWER TRANSFER SYSTEM FOR OPTIMUM EFFICIENCY	Dec 14, 2011	Issued	May 26, 2015	9,041,254	Linear Technology Holding LLC	Linear Technology Corporation
5867.015 US1	Utility - ORG	13/155,94 5	SYSTEM AND METHODS TO IMPROVE THE PERFORMANCE OF SEMICONDUCTO R BASED SAMPLING SYSTEM	Jun 8, 2011	Issued	May 13, 2014	8,723,556	Linear Technology Holding LLC	Linear Technology Corporation
5867.017 PRV	Prov - ORG	61/550,12 8	OPTIMIZED BI- DIRECTIONAL BALANCING METHOD AND SYSTEM	Oct 21, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.017 US1	Utility - NPREG	13/426,27 7	OPTIMIZED BI- DIRECTIONAL BALANCING METHOD AND SYSTEM	Mar 21, 2012	Issued	Jul 1, 2014	8,766,597	Linear Technology Holding LLC	Linear Technology Corporation
5867.018 PRV	Prov - ORG	61/780,72 7	LEAKAGE COMPENSATION FOR SWITCHED CAPACITOR INTEGRATORS	Mar 13, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.018 US1	Utility - ORG	13/871,98 1	LEAKAGE COMPENSATION FOR SWITCHED CAPACITOR INTEGRATORS	Apr 26, 2013	Issued	Sep 23, 2014	8,841,962	Linear Technology Holding LLC	Linear Technology Corporation
5867.019 US1	Utility - ORG	13/843,57 2	METHODS AND SYSTEMS FOR CONTROL OF DC- DC CONVERTERS	Mar 15, 2013	Issued	Feb 7, 2017	9,564,820	Linear Technology Holding LLC	Linear Technology Corporation
5867.020 US1	Utility - ORG	13/734,58 1	METHOD AND SYSTEM FOR MEASURING THE RESISTANCE OF A RESISTIVE STRUCTURE	Jan 4, 2013	Issued	Feb 3, 2015	8,947,101	Linear Technology Holding LLC	Linear Technology Corporation
5867.021 US1	Utility - ORG	13/242,83 6	STACKABLE BI- DIRECTIONAL MULTICELL BATTERY BALANCER	Sep 23, 2011	Issued	Apr 8, 2014	8,692,516	Linear Technology Holding LLC	Linear Technology Corporation
5867.022 PRV	Prov - ORG	61/144,21 6	POLARITY INDEPENDENT, ULTRA-LOW INPUT VOLTAGE STEP-UP CONVERTER	Jan 13, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.022 PV2	Prov - ORG	61/256,62 8	POLARITY INDEPENDENT, ULTRA-LOW INPUT VOLTAGE STEP-UP CONVERTER	Oct 30, 2009	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.022 US1	Utility - NPREG	12/686,74 9	METHOD AND SYSTEM FOR POLARITY INDEPENDENT STEP-UP CONVERTER CAPABLE OF OPERATING UNDER ULTRA- LOW INPUT VOLTAGE CONDITION	Jan 13, 2010	Issued	Apr 26, 2016	9,325,250		Linear Technology Holding LLC	Linear Technology Corporation
5867.023 PRV	Prov - ORG	61/480,83 2	CLOCK- INSENSITIVE, GALVANICALLY- ISOLATED SERIAL COMMUNICATI ONS	Apr 29, 2011	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.023 US1	Utility - NPREG	13/458,76 5	ISOLATED COMMUNICATI ONS INTERFACE	Apr 27, 2012	Issued	Dec 9, 2014	8,908,779		Linear Technology Holding LLC	Linear Technology Corporation
5867.030 US1	Utility - ORG	13/465,72 2	LOW POWER TIMING, CONFIGURING, AND SCHEDULING	May 7, 2012	Issued	Jan 27, 2015	8,943,352		Linear Technology Holding LLC	Linear Technology Corporation

5867.030 US2	Utility - DIV	14/524,84 4	LOW POWER TIMING, CONFIGURING, AND SCHEDULING	Oct 27, 2014	Issued	Oct 10, 2017	9,785,219	Linear Technology Holding LLC	Linear Technology Corporation
5867.030 US3	Utility - CON	15/728,45 3	LOW POWER TIMING, CONFIGURING, AND SCHEDULING	Oct 9, 2017	Issued	Dec 11, 2018	10,152,111	Linear Technology Holding LLC	Linear Technology Corporation
5867.030 US4	Utility - DIV	14/526,27 1	LOW POWER TIMING, CONFIGURING, AND SCHEDULING	Oct 28, 2014	Issued	Aug 11, 2015	9,104,418	Linear Technology Holding LLC	Linear Technology Corporation
5867.031 PRV	Prov - ORG	62/002,47 3	NOVEL BALUN TOPOLOGIES FOR HIGH FREQUENCY, BROADBAND RF INTEGRATED CIRCUITS	May 23, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.031 US1	Utility - NPREG	14/632,69 2	BROADBAND INTEGRATED RF/MICROWAVE /MILLIMETER MIXER WITH INTEGRATED BALUN(S)	Feb 26, 2015	Issued	Apr 12, 2016	9,312,815	Linear Technology Holding LLC	Linear Technology Corporation
5867.032 PRV	Prov - ORG	61/994,67 1	RADIO RECEIVER	May 16, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.032 US1	Utility - NPREG	14/714,15 5	RADIO RECEIVER	May 15, 2015	Issued	Nov 15, 2016	9,496,840	Linear Technology Holding LLC	Linear Technology Corporation
5867.033 PRV	Prov - ORG	61/977,48 6	HARDWARE- BASED LICENSING FOR WIRELESS NETWORKS	Apr 9, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.033 US1	Utility - NPREG	14/682,05 4	HARDWARE- BASED LICENSING FOR WIRELESS NETWORKS	Apr 8, 2015	Issued	Jul 24, 2018	10,033,59 6	Linear Technology Holding LLC	Linear Technology Corporation
5867.034 PRV	Prov - ORG	61/980,89 1	VOLTAGE REGULATION IN RESONANT POWER WIRELESS RECEIVER	Apr 17, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.034 US1	Utility - NPREG	14/531,52 0	VOLTAGE REGULATION IN RESONANT POWER WIRELESS RECEIVER	Nov 3, 2014	Issued	Nov 21, 2017	9,825,553	Linear Technology Holding LLC	Linear Technology Corporation
5867.035 PRV	Prov - ORG	61/450,51 6	NONVOLATILE MEMORY USE IN LOW POWER APPLICATIONS	Mar 8, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.035 US1	Utility - NPREG	13/415,54 8	METHODS AND SYSTEM FOR ERASING DATA STORED IN NONVOLATILE MEMORY IN LOW POWER APPLICATIONS	Mar 8, 2012	Issued	Dec 30, 2014	8,924,633	Linear Technology Holding LLC	Linear Technology Corporation
5867.036 US1	Utility - ORG	13/595,60 0	FREQUENCY MIXER TOPOLOGY PROVIDING HIGH LINEARITY, LOW NOISE AND HIGH GAIN	Aug 27, 2012	Issued	Oct 15, 2013	8,558,605	Linear Technology Holding LLC	Linear Technology Corporation
5867.038 PRV	Prov - ORG	62/165,87 3	BLINK MODE SENSOR NODE OPERATION FOR WIRELESS NETWORKS	May 22, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.039 PRV	Prov - ORG	61/937,38 0	ARBITRARY PHASE TRAJECTORY TRANSMITTER	Feb 7, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.039 US1	Utility - NPREG	14/616,19 2	ARBITRARY PHASE TRAJECTORY FREQUENCY SYNTHESIZER	Feb 6, 2015	Issued	Mar 29, 2016	9,300,307	Linear Technology Holding LLC	Linear Technology Corporation

5867.040 US1	Utility - ORG	13/866,75 1	MONITORING OF CHANNEL STABILITY AND INTERFERENCE IN WIRELESS NETWORKS	Apr 19, 2013	Issued	Jan 14, 2020	10,536,86 1	Linear Technology Holding LLC	Linear Technology Corporation
5867.040 US2	Utility - CON	15/886,75 4	MONITORING OF CHANNEL STABILITY AND INTERFERENCE IN WIRELESS NETWORKS	Feb 1, 2018	Issued	Mar 17, 2020	10,595,21 6	Linear Technology Holding LLC	Linear Technology Corporation
5867.041 PRV	Prov - ORG	62/119,04 2	FAST TRANSIENT POWER SUPPLY WITH A FIRST CONTROL SIGNAL FOR A HIGHER FREQUENCY CURRENT AND A SECOND CONTROL SIGNAL FOR A LOWER FREQUENCY CURRENT	Feb 20, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.041 US1	Utility - NPREG	15/048,59 1	FAST TRANSIENT POWER SUPPLY WITH A SEPARATED HIGH FREQUENCY AND LOW FREQUENCY PATH SIGNALS	Feb 19, 2016	Issued	Nov 28, 2017	9,831,781	Linear Technology Holding LLC	Linear Technology Corporation
5867.042 PRV	Prov - ORG	62/119,07 8	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Feb 20, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.042 US1	Utility - NPREG	15/048,51 1	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Feb 19, 2016	Issued	Apr 18, 2017	9,627,976	Linear Technology Holding LLC	Linear Technology Corporation
5867.042 US2	Utility - CON	15/463,20 0	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Mar 20, 2017	Issued	Nov 20, 2018	10,135,33 6	Linear Technology Holding LLC	Linear Technology Corporation

5867.043 PRV	Prov - ORG	62/126,41 8	FAST TRANSIENT POWER SUPPLY WITH A FIRST CONTROL SIGNAL FOR A HIGHER FREQUENCY CURRENT AND A SECOND CONTROL SIGNAL FOR A LOWER FREQUENCY CURRENT	Feb 27, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.044 PRV	Prov - ORG	62/126,42 1	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Feb 27, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.045 PRV	Prov - ORG	61/994,53 7	CONFIGURING MULTI-RATE SYSTEMS	May 16, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.045 US1	Utility - NPREG	14/712,53 9	CONFIGURING SIGNAL- PROCESSING SYSTEMS	May 14, 2015	Issued	Oct 18, 2016	9,472,304	Linear Technology Holding LLC	Linear Technology Corporation

5867.046 US1	Utility - ORG	12/475,18 4	MONOLITHIC VOLTAGE REFERENCE DEVICE WITH INTERNAL, MULTI- TEMPERATURE DRIFT DATA AND RELATED TESTING PROCEDURES	May 29, 2009	Issued	Apr 5, 2011	7,920,016	Linear Technology Holding LLC	Linear Technology Corporation
5867.049 US1	Utility - ORG	13/828,51 1	ADDRESS TRANSLATION IN I2C DATA COMMUNICATI ONS SYSTEM	Mar 14, 2013	Issued	Sep 20, 2016	9,448,960	Linear Technology Holding LLC	Linear Technology Corporation
5867.050 PRV	Prov - ORG	61/845,49 1	INRUSH CONTROL WITH MULTIPLE SWITCHES	Jul 12, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.050 US1	Utility - NPREG	14/300,99 9	INRUSH CONTROL WITH MULTIPLE SWITCHES	Jun 10, 2014	Issued	Jun 19, 2018	10,003,19 0	Linear Technology Holding LLC	Linear Technology Corporation
5867.051 PRV	Prov - ORG	61/979,13 9	REDUCING OR ELIMINATING DIELECTRIC ABSORPTION EFFECTS	Apr 14, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.051 US1	Utility - NPREG	14/472,16 0	SUPPRESSING DIELECTRIC ABSORPTION EFFECTS IN SAMPLE-AND- HOLD SYSTEMS	Aug 28, 2014	Issued	Nov 24, 2015	9,197,235	Linear Technology Holding LLC	Linear Technology Corporation
5867.052 PRV	Prov - ORG	61/845,50 2	DETECTING FAULTS IN HOT- SWAP APPLICATIONS	Jul 12, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.052 US1	Utility - NPREG	14/301,04 3	DETECTING FAULTS IN HOT- SWAP APPLICATIONS	Jun 10, 2014	Issued	Jun 6, 2017	9,671,465	Linear Technology Holding LLC	Linear Technology Corporation
5867.053 PRV	Prov - ORG	61/636,37 2	ANALOG-TO- DIGITAL CONVERTER	Apr 20, 2012	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.053 US1	Utility - NPREG	13/553,09 2	ANALOG-TO- DIGITAL CONVERTER SYSTEM AND METHOD	Jul 19, 2012	Issued	Aug 19, 2014	8,810,443	Linear Technology Holding LLC	Linear Technology Corporation
5867.053 US2	Utility - DIV	14/162,57 2	ANALOG-TO- DIGITAL CONVERTER	Jan 23, 2014	Issued	May 3, 2016	9,331,709	Linear Technology Holding LLC	Linear Technology Corporation
5867.053 US3	Utility - DIV	14/162,56 7	ANALOG-TO- DIGITAL CONVERTER SYSTEM AND METHOD	Jan 23, 2014	Issued	Jan 5, 2016	9,231,611	Linear Technology Holding LLC	Linear Technology Corporation
5867.053 US4	Utility - DIV	14/162,55 9	ANALOG-TO- DIGITAL CONVERTER SYSTEM AND METHOD	Jan 23, 2014	Issued	Jun 9, 2015	9,054,727	Linear Technology Holding LLC	Linear Technology Corporation

5867.057 US1	Utility - ORG	13/717,37 7	ANTI-ALIASING SAMPLING CIRCUITS AND ANALOG-TO- DIGITAL CONVERTER	Dec 17, 2012	Issued	Sep 2, 2014	8,823,572	Linear Technology Holding LLC	Linear Technology Corporation
5867.058 PRV	Prov - ORG	62/280,89 7	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Jan 20, 2016	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.058 US1	Utility - NPREG	15/407,74 9	FAST TRANSIENT SUPPLY WITH A SEPARATED HIGH FREQUENCY AND LOW FREQUENCY PATH SIGNALS	Jan 17, 2017	Issued	Jul 24, 2018	10,033,30 1	Linear Technology Holding LLC	Linear Technology Corporation
5867.059 PRV	Prov - ORG	62/280,87 8	FAST TRANSIENT SUPPLY WITH A SEPARATED HIGH FREQUENCY AND LOW FREQUENCY PATH SIGNALS	Jan 20, 2016	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.059 US1	Utility - NPREG	15/199,69 3	CONTROL ARCHITECTURE WITH IMPROVED TRANSIENT RESPONSE	Jun 30, 2016	Issued	Aug 14, 2018	10,050,55 9	Linear Technology Holding LLC	Linear Technology Corporation
5867.060 PRV	Prov - ORG	62/261,03 2	SYSTEM AND METHOD FOR RIPPLE MONITORING	Nov 30, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.060 US1	Utility - NPREG	15/153,22 2	RIPPLE MONITORING	May 12, 2016	Issued	May 5, 2020	10,641,83 7	Linear Technology Holding LLC	Linear Technology Corporation
5867.061 US1	Utility - ORG	13/947,86 0	POWER SUPPLY SYSTEM AND METHOD	Jul 22, 2013	Issued	Oct 25, 2016	9,478,982	Linear Technology Holding LLC	Linear Technology Corporation
5867.062 US1	Utility - ORG	15/167,34 5	EXPOSED SOLDERABLE HEAT SPREADER FOR FLIPCHIP PACKAGES	May 27, 2016	Issued	Mar 10, 2020	10,586,75 7	Linear Technology Holding LLC	Linear Technology Corporation
5867.063 US2	Utility - DIV	15/154,48 9	LASER DRILLING ENCAPSULATED SEMICONDUCTO R DIE TO EXPOSE ELECTRICAL CONNECTION THEREIN	May 13, 2016	Issued	Jun 27, 2017	9,691,681	Linear Technology Holding LLC	Linear Technology Corporation

5867.063 USR	Utility - REIS	16/116,68 9	EXPOSED, SOLDERABLE HEAT SPREADER FOR INTEGRATED CIRCUIT PACKAGES	Aug 29, 2018	Pending			Linear Technology Holding LLC	Linear Technology Corporation
5867.064 PRV	Prov - ORG	62/327,87 5	MECHANICALLY- COMPLIANT AND ELECTRICALLY AND THERMALLY CONDUCTIVE LEADFRAMES FOR COMPONENT- ON-PACKAGE CIRCUITS	Apr 26, 2016	Transfere d			Linear Technology Holding LLC	Linear Technology Corporation
5867.064 US2	Utility - NPREG	15/495,40 5	MECHANICALLY- COMPLIANT AND ELECTRICALLY AND THERMALLY CONDUCTIVE LEADFRAMES FOR COMPONENT- ON-PACKAGE CIRCUITS	Apr 24, 2017	Transfere d			Linear Technology Holding LLC	Linear Technology Corporation

5867.067 PRV	Prov - ORG	62/346,88 1	TRANSFORMER- BASED HYBRID PULSE WIDTH MODULATION POWER CONVERTERS	Jun 7, 2016	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.067 US1	Utility - NPREG	15/611,00 3	HYBRID POWER CONVERTERS COMBINING SWITCHED- CAPACITOR AND TRANSFORMER- BASED STAGES	Jun 1, 2017	Issued	May 7, 2019	10,284,09 9		Linear Technology Holding LLC	Linear Technology Corporation
5867.073 US1	Utility - ORG	15/135,35 9	ENERGY STORAGE DEVICE STACK BALANCING USING SWITCHED INDUCTOR BACKGROUND	Apr 21, 2016	Issued	Jan 8, 2019	10,177,58 0		Linear Technology Holding LLC	Linear Technology Corporation
5867.074 PRV	Prov - ORG	61/727,40 8	SWITCHING REGULATOR WITH IMPROVED TRANSIENT RESPONSE	Nov 16, 2012	Expired				Linear Technology Holding LLC	Linear Technology Corporation

5867.074 US1	Utility - NPREG	13/764,04 5	FEED FORWARD CURRENT MODE SWITCHING REGULATOR WITH IMPROVED TRANSIENT RESPONSE	Feb 11, 2013	Issued	Jul 3, 2018	10,013,00 3	Linear Technology Holding LLC	Linear Technology Corporation
5867.074 US2	Utility - CON	15/585,39 9	CURRENT MODE SWITCHING REGULATOR AND OPERATING METHOD WITH OFFSET CIRCUITRY TO EMULATE A TRANSIENT LOAD STEP RESPONSE	May 3, 2017	Issued	Jan 14, 2020	10,534,38 4	Linear Technology Holding LLC	Linear Technology Corporation
5867.078 PRV	Prov - ORG	62/363,02 5	BALANCING AND DRIVING CHARGE PUMP CIRCUITS	Jul 15, 2016	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.078 US1	Utility - NPREG	15/465,50 4	DRIVING CHARGE PUMP CIRCUITS	Mar 21, 2017	Issued	Oct 15, 2019	10,447,15 2	Linear Technology Holding LLC	Linear Technology Corporation

5867.079 PRV	Prov - ORG	61/736,86 1	DC/DC CONVERTER FOR GENERATING BOTH POSITIVE AND NEGATIVE OUTPUT VOLTAGES	Dec 13, 2012	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.079 US1	Utility - NPREG	13/851,25 0	POWER CONVERTER FOR GENERATING BOTH POSITIVE AND NEGATIVE OUTPUT SIGNALS	Mar 27, 2013	Issued	May 10, 2016	9,337,731	Linear Technology Holding LLC	Linear Technology Corporation
5867.082 PRV	Prov - ORG	62/135,55 3	SPREAD SPECTRUM FOR SWITCH MODE POWER SUPPLIES	Mar 19, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.082 US1	Utility - NPREG	14/869,11 4	SPREAD SPECTRUM FOR SWITCH MODE POWER SUPPLIES	Sep 29, 2015	Issued	Apr 28, 2020	10,637,25 4	Linear Technology Holding LLC	Linear Technology Corporation

5867.083 US1	Utility - ORG	12/470,93 2	CHOPPER STABILIZED BANDGAP REFERENCE CIRCUIT AND METHODOLOGY FOR VOLTAGE REGULATORS	May 22, 2009	Issued	Aug 23, 2011	8,004,266	Linear Technology Holding LLC	Linear Technology Corporation
5867.084 US1	Utility - NPREG	15/465,48 7	BALANCING TECHNIQUES AND CIRCUITS FOR CHARGE PUMPS	Mar 21, 2017	Issued	Nov 5, 2019	10,468,97 8	Linear Technology Holding LLC	Linear Technology Corporation
5867.085 US1	Utility - NPREG	15/465,33 9	BALANCING CHARGE PUMP CIRCUITS	Mar 21, 2017	Issued	Jun 12, 2018	9,998,000	Linear Technology Holding LLC	Linear Technology Corporation
5867.088 US1	Utility - ORG	13/559,90 9	PHASE NOISE TOLERANT SAMPLING	Jul 27, 2012	Issued	Oct 15, 2013	8,558,728	Linear Technology Holding LLC	Linear Technology Corporation
5867.089 PRV	Prov - ORG	62/054,58 7	DCR INDUCTOR CURRENT SENSING FOR 4 SWITCH BUCK- BOOST CONVERTERS	Sep 24, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.089 US1	Utility - NPREG	14/677,79 4	DCR INDUCTOR CURRENT- SENSING IN FOUR-SWITCH BUCK-BOOST CONVERTERS	Apr 2, 2015	Issued	Aug 29, 2017	9,748,843	Linear Technology Holding LLC	Linear Technology Corporation

5867.089 US2	Utility - DIV	15/654,56 8	DCR INDUCTOR CURRENT- SENSING IN FOUR-SWITCH BUCK-BOOST CONVERTERS	Jul 19, 2017	Issued	Sep 25, 2018	10,084,38 1	Linear Technology Holding LLC	Linear Technology Corporation
5867.091 PRV	Prov - ORG	62/239,63 2	CIRCUIT AND ARRANGEMENT FOR 3-WIRE MEASUREMENT S WITH INPUT PROTECTION	Oct 9, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.091 US1	Utility - NPREG	15/175,97 4	CIRCUIT AND ARRANGEMENT FOR 3-WIRE MEASUREMENT S WITH INPUT PROTECTION	Jun 7, 2016	Issued	Jul 17, 2018	10,024,72 8	Linear Technology Holding LLC	Linear Technology Corporation
5867.092 PRV	Prov - ORG	62/255,04 3	DOUBLE BALANCED FET MIXER WITH DIRECT SINGLE- ENDED IF PROVIDING HIGH LINEARITY AND HIGH ISOLATION	Nov 13, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.092 US1	Utility - NPREG	15/158,33 9	DOUBLE- BALANCED FIELD- EFFECT TRANSISTOR MIXER WITH DIRECT SINGLE- ENDED INTERMEDIATE FREQUENCY OUTPUTS	May 18, 2016	Issued	Sep 26, 2017	9,774,297	Linear Technology Holding LLC	Linear Technology Corporation
5867.093 US1	Utility - ORG	15/465,56 2	UNITY GAIN BUFFER WITH TWO STATES	Mar 21, 2017	Transfere d			Linear Technology Holding LLC	Linear Technology Corporation
5867.094 US1	Utility - ORG	15/473,53 3	TRANS- IMPEDANCE AMPLIFIER WITH FAST OVERDRIVE RECOVERY	Mar 29, 2017	Transfere d			Linear Technology Holding LLC	Linear Technology Corporation
5867.095 PRV	Prov - ORG	61/824,81 9	RESOLUTION- BOOSTED SIGMA DELTA ANALOG- TO-DIGITAL CONVERTER	May 17, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.095 US1	Utility - NPREG	14/052,47 9	RESOLUTION- BOOSTED SIGMA DELTA ANALOG- TO-DIGITAL CONVERTER	Oct 11, 2013	Issued	Jul 7, 2015	9,077,374	Linear Technology Holding LLC	Linear Technology Corporation
5867.096 PRV	Prov - ORG	61/894,76 4	ISOLATED BOOTSTRAPPED SWITCH	Oct 23, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.096 US1	Utility - NPREG	14/157,30 0	ISOLATED BOOTSTRAPPED SWITCH	Jan 16, 2014	Issued	Oct 27, 2015	9,172,364	Linear Technology Holding LLC	Linear Technology Corporation
5867.097 PRV	Prov - ORG	61/897,06 7	BIPOLAR ISOLATED HIGH VOLTAGE SAMPLING NETWORK	Oct 29, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.097 US1	Utility - NPREG	14/157,31 6	BIPOLAR ISOLATED HIGH VOLTAGE SAMPLING NETWORK	Jan 16, 2014	Issued	Nov 18, 2014	8,890,577	Linear Technology Holding LLC	Linear Technology Corporation
5867.098 PRV	Prov - ORG	61/767,62 8	HIGH- FREQUENCY RMS-DC CONVERTER USING CHOPPER STABILIZED SQUARE CELLS	Feb 21, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.098 US1	Utility - NPREG	14/092,13 1	HIGH- FREQUENCY RMS-DC CONVERTER USING CHOPPER- STABILIZED SQUARE CELLS	Nov 27, 2013	Issued	May 3, 2016	9,330,283	Linear Technology Holding LLC	Linear Technology Corporation
5867.098 US2	Utility - DIV	14/854,63 5	CHOPPER- STABILIZED SQUARE CELLS	Sep 15, 2015	Issued	May 2, 2017	9,639,719	Linear Technology Holding LLC	Linear Technology Corporation
5867.104 US1	Utility - ORG	13/550,03 3	LOW POWER RADIO RECEIVER	Jul 16, 2012	Issued	Jan 26, 2016	9,246,436	Linear Technology Holding LLC	Linear Technology Corporation

5867.104 US2	Utility - CON	14/981,75 5	LOW POWER RADIO RECEIVER	Dec 28, 2015	Issued	Mar 14, 2017	9,595,991	Linear Technology Holding LLC	Linear Technology Corporation
5867.105 PRV	Prov - ORG	62/257,05 8	ACTIVE RESISTOR WITH REDUCED NOISE	Nov 18, 2015	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.105 US1	Utility - NPREG	15/236,36 5	ACTIVE DIFFERENTIAL RESISTORS WITH REDUCED NOISE	Aug 12, 2016	Issued	Jan 9, 2018	9,866,245	Linear Technology Holding LLC	Linear Technology Corporation
5867.105 US2	Utility - DIV	15/834,04 7	ACTIVE DIFFERENTIAL RESISTORS WITH REDUCED NOISE	Dec 6, 2017	Issued	Feb 26, 2019	10,218,39 4	Linear Technology Holding LLC	Linear Technology Corporation
5867.106 PRV	Prov - ORG	60/646,50 9	SYSTEM AND METHOD FOR SUPPORTING ADVANCED POWER OVER ETHERNET SYSTEM	Jan 25, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.106 US1	Utility - NPREG	11/267,261	COMBINATION OF HIGH-SIDE AND LOW-SIDE CURRENT SENSING IN SYSTEM FOR PROVIDING POWER OVER COMMUNICATION LINK	Nov 7, 2005	Issued	Sep 16, 2008	7,426,374	Linear Technology Holding LLC	Linear Technology Corporation
5867.112 US1	Utility - ORG	13/155,993	SYSTEM AND METHODS TO IMPROVE THE PERFORMANCE OF SEMICONDUCTOR BASED SAMPLING SYSTEM	Jun 8, 2011	Issued	Jul 22, 2014	8,786,318	Linear Technology Holding LLC	Linear Technology Corporation
5867.117 US1	Utility - ORG	13/646,571	SYSTEM AND METHOD FOR INPUT VOLTAGE REGULATION OF SWITCH MODE SUPPLIES IMPLEMENTING BURST MODE OPERATION	Oct 5, 2012	Issued	Jan 26, 2016	9,246,383	Linear Technology Holding LLC	Linear Technology Corporation

5867.118 US1	Utility - ORG	12/202,83 5	SEMICONDUCTOR DEVICE HAVING A SUSPENDED ISOLATING INTERCONNECT	Sep 2, 2008	Issued	Mar 8, 2011	7,902,665	Linear Technology Holding LLC	Linear Technology Corporation
5867.120 PRV	Prov - ORG	61/866,33 4	CURRENT SENSING FOR H- BRIDGE APPLICATIONS	Aug 15, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.120 US1	Utility - NPREG	14/148,55 0	ACCURATE CURRENT SENSING IN H- BRIDGE APPLICATIONS WITHOUT AMPLIFIER HAVING HIGH COMMON MODE REJECTION RATIO	Jan 6, 2014	Issued	Jan 19, 2016	9,240,718	Linear Technology Holding LLC	Linear Technology Corporation
5867.122 US1	Utility - ORG	13/734,48 5	LOW CURRENT DC-DC CONVERTER WITH INTEGRATED LOW CURRENT COULOMB COUNTER	Jan 4, 2013	Issued	Sep 15, 2015	9,134,744	Linear Technology Holding LLC	Linear Technology Corporation
5867.123 US1	Utility - ORG	11/827,70 4	PARALLELING VOLTAGE REGULATORS	Jul 13, 2007	Issued	Jan 5, 2010	7,642,759	Linear Technology Holding LLC	Linear Technology Corporation

5867.123 US2	Utility - CON	12/541,55 7	PARALLELING VOLTAGE REGULATORS	Aug 14, 2009	Issued	Feb 19, 2013	8,378,657	Linear Technology Holding LLC	Linear Technology Corporation
5867.127 PRV	Prov - ORG	61/550,65 5	POWER OVER ETHERNET SWITCHED SPARE PAIR	Oct 24, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.127 US1	Utility - NPREG	13/657,41 2	SWITCHING OF CONDUCTOR PAIR IN POWER OVER ETHERNET SYSTEM	Oct 22, 2012	Issued	May 23, 2017	9,660,456	Linear Technology Holding LLC	Linear Technology Corporation
5867.133 PRV	Prov - ORG	61/809,19 2	FLOAT VOLTAGE COMPENSATED ACTIVE CELL BALANCER MAXIMIZES BATTERY CAPACITY RECOVERY AND IMPROVES SAFETY IN BATTERY STACK MODULE DESIGN	Apr 5, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.133 US1	Utility - NPREG	14/245,39 0	VOLTAGE COMPENSATED ACTIVE CELL BALANCING	Apr 4, 2014	Issued	Sep 26, 2017	9,774,206	Linear Technology Holding LLC	Linear Technology Corporation

5867.134 US1	Utility - ORG	09/135,22 4	DELTA-SIGMA MODULATOR WITH IMPROVED FULL- SCALE ACCURACY	Aug 17, 1998	Issued	Oct 31, 2000	6,140,950	Linear Technology Holding LLC	Linear Technology Corporation
5867.135 PRV	Prov - ORG	62/326,33 4	SWITCHABLE TERMINATION WITH MULTIPLE RESISTANCE SELECTIONS	Apr 22, 2016	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.135 US1	Utility - NPREG	15/493,49 5	SWITCHABLE TERMINATION WITH MULTIPLE IMPEDANCE SELECTIONS	Apr 21, 2017	Issued	May 1, 2018	9,960,752	Linear Technology Holding LLC	Linear Technology Corporation
5867.136 PRV	Prov - ORG	61/216,20 2	TIMING SYNCHRONIZATI ON FOR WIRELESS NETWORKS	May 13, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.136 US1	Utility - NPREG	12/778,61 7	TIMING SYNCHRONIZATI ON FOR WIRELESS NETWORKS	May 12, 2010	Issued	Apr 15, 2014	8,699,406	Linear Technology Holding LLC	Linear Technology Corporation
5867.136 US2	Utility - NPREG	12/778,62 4	TIMING SYNCHRONIZATI ON FOR WIRELESS NETWORKS	May 12, 2010	Issued	Feb 10, 2015	8,953,581	Linear Technology Holding LLC	Linear Technology Corporation

5867.136 US3	Utility - CON	14/586,69 2	TIMING SYNCHRONIZATI ON FOR WIRELESS NETWORKS	Dec 30, 2014	Issued	Apr 24, 2018	9,955,443	Linear Technology Holding LLC	Linear Technology Corporation
5867.137 PRV	Prov - ORG	61/480,91 5	MAXIMIZING INPUT IMPEDANCE IN SWITCHED CAPACITOR CIRCUITS	Apr 29, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.137 US1	Utility - NPREG	13/457,32 0	SWITCHED CAPACITANCE VOLTAGE DIFFERENTIAL SENSING CIRCUIT WITH NEAR INFINITE INPUT IMPEDANCE	Apr 26, 2012	Issued	Nov 10, 2015	9,182,428	Linear Technology Holding LLC	Linear Technology Corporation
5867.138 US1	Utility - ORG	14/336,65 3	TRANSCONDUCT ANCE (GM) BOOSTING TRANSISTOR ARRANGEMENT	Jul 21, 2014	Issued	Feb 14, 2017	9,571,052	Linear Technology Holding LLC	Linear Technology Corporation
5867.139 PRV	Prov - ORG	61/002,49 5	METHODS AND CIRCUITS TO ELIMINATE SIGNAL- DEPENDENT MODULATION OF A REFERENCE BIAS	Nov 9, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.139 US1	Utility - NPREG	12/287,62 3	CIRCUITS AND METHODS TO REDUCE OR ELIMINATE SIGNAL- DEPENDENT MODULATION OF A REFERENCE BIAS	Oct 9, 2008	Issued	Mar 15, 2011	7,907,074	Linear Technology Holding LLC	Linear Technology Corporation
5867.140 US1	Utility - NPREG	11/252,56 7	ADJUSTING CURRENT LIMIT THRESHOLDS BASED ON POWER REQUIREMENT OF POWERED DEVICE IN SYSTEM FOR PROVIDING POWER OVER COMMUNICATI ON LINK	Oct 19, 2005	Issued	Sep 19, 2017	9,769,090	Linear Technology Holding LLC	Linear Technology Corporation
5867.141 US1	Utility - ORG	11/373,26 6	LED DIMMING CONTROL TECHNIQUE FOR INCREASING THE MAXIMUM PWM DIMMING RATIO AND AVOIDING LED FLICKER	Mar 13, 2006	Issued	Jan 22, 2008	7,321,203	Linear Technology Holding LLC	Linear Technology Corporation

5867.142 US1	Utility - ORG	12/332,28 8	CURRENT RIPPLE REDUCTION CIRCUIT FOR LEDS	Dec 10, 2008	Issued	Nov 13, 2012	8,310,172	Linear Technology Holding LLC	Linear Technology Corporation
5867.143 PRV	Prov - ORG	60/907,42 3	VOLTAGE STACKABLE DATA PORT	Apr 2, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.143 US1	Utility - NPREG	11/896,66 9	MONITORING CELLS IN ENERGY STORAGE SYSTEM	Sep 5, 2007	Issued	Feb 23, 2016	9,270,133	Linear Technology Holding LLC	Linear Technology Corporation
5867.143 US2	Utility - CON	13/727,41 8	MONITORING CELLS IN ENERGY STORAGE SYSTEM	Dec 26, 2012	Issued	Oct 17, 2017	9,793,734	Linear Technology Holding LLC	Linear Technology Corporation
5867.144 US1	Utility - ORG	10/124,65 8	MULTI-BIT DIGITAL INPUT USING A SINGLE PIN	Apr 15, 2002	Issued	Nov 22, 2005	6,967,591	Linear Technology Holding LLC	Linear Technology Corporation
5867.144 US2	Utility - DIV	11/222,99 6	MULTI-BIT DIGITAL INPUT USING A SINGLE PIN	Sep 9, 2005	Issued	Oct 10, 2006	7,119,714	Linear Technology Holding LLC	Linear Technology Corporation
5867.144 US3	Utility - DIV	11/223,18 8	MULTI-BIT DIGITAL INPUT USING A SINGLE PIN	Sep 9, 2005	Issued	Jul 3, 2007	7,239,251	Linear Technology Holding LLC	Linear Technology Corporation

5867.147 US1	Utility - ORG	14/033,11 0	SWITCHING TOPOLOGY FOR CONNECTING TWO NODES IN ELECTRONIC SYSTEM	Sep 20, 2013	Issued	Feb 24, 2015	8,963,617	Linear Technology Holding LLC	Linear Technology Corporation
5867.148 PRV	Prov - ORG	61/900,83 2	MOSFET PROTECTION METHOD USING RESISTOR- CAPACITOR THERMAL NETWORK	Nov 6, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.148 US1	Utility - NPREG	14/486,69 7	MOSFET PROTECTION USING RESISTOR- CAPACITOR THERMAL NETWORK	Sep 15, 2014	Issued	Apr 25, 2017	9,634,480	Linear Technology Holding LLC	Linear Technology Corporation
5867.148 US2	Utility - DIV	15/088,71 4	MOSFET PROTECTION USING RESISTOR- CAPACITOR THERMAL NETWORK	Apr 1, 2016	Issued	Apr 25, 2017	9,634,481	Linear Technology Holding LLC	Linear Technology Corporation
5867.149 PRV	Prov - ORG	61/727,31 7	PRECISION TEMPERATURE MEASUREMENT DEVICES, SENSORS, AND METHODS	Nov 16, 2012	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.149 US1	Utility - NPREG	14/080,62 5	PRECISION TEMPERATURE MEASUREMENT DEVICES, SENSORS, AND METHODS	Nov 14, 2013	Issued	May 23, 2017	9,658,118	Linear Technology Holding LLC	Linear Technology Corporation
5867.150 PRV	Prov - ORG	62/011,67 0	METHOD AND SYSTEM TO CONTROL TRANSITION TIMING OF A SWITCHING DC/DC POWER CONVERTER TO AVOID A SENSITIVE TIME WINDOW	Jun 13, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.150 US1	Utility - NPREG	14/733,93 2	TRANSITION TIMING CONTROL FOR SWITCHING DC/DC CONVERTER	Jun 8, 2015	Issued	May 30, 2017	9,667,264	Linear Technology Holding LLC	Linear Technology Corporation
5867.151 PRV	Prov - ORG	62/047,43 2	HIGH VOLTAGE MAXER CIRCUIT WITH NO Q- CURRENT	Sep 8, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.151 US1	Utility - NPREG	14/593,81 3	HIGH VOLTAGE MAXIMUM VOLTAGE SELECTOR CIRCUIT WITH NO QUIESCENT CURRENT	Jan 9, 2015	Issued	Apr 5, 2016	9,306,552	Linear Technology Holding LLC	Linear Technology Corporation

5867.151 US2	Utility - CON	15/019,39 4	HIGH VOLTAGE SELECTOR CIRCUIT WITH NO QUIESCENT CURRENT	Feb 9, 2016	Issued	Jun 20, 2017	9,685,938	Linear Technology Holding LLC	Linear Technology Corporation
5867.152 US1	Utility - ORG	11/444,40 5	CONTROLLING SWITCHING CIRCUITS TO BALANCE POWER OR CURRENT DRAWN FROM MULTIPLE POWER SUPPLY INPUTS	Jun 1, 2006	Issued	Jul 11, 2017	9,705,325	Linear Technology Holding LLC	Linear Technology Corporation
5867.154 PRV	Prov - ORG	61/497,38 1	STACKABLE BI- DIRECTIONAL MULTICELL BATTERY BALANCER	Jun 15, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.156 US1	Utility - ORG	12/795,33 0	STACKED INTERPOSER LEADFRAMES	Jun 7, 2010	Issued	Jul 23, 2013	8,492,884	Linear Technology Holding LLC	Linear Technology Corporation
5867.156 US2	Utility - CON	13/924,25 8	STACKED INTERPOSER LEADFRAMES	Jun 21, 2013	Issued	Dec 30, 2014	8,921,159	Linear Technology Holding LLC	Linear Technology Corporation

5867.157 US1	Utility - ORG	11/166,27 9	VARIABLE GAIN AMPLIFIER WITH TEMPERATURE COMPENSATION AND GAIN LINEARITY ENHANCEMENT	Jun 27, 2005	Issued	Aug 28, 2007	7,262,661	Linear Technology Holding LLC	Linear Technology Corporation
5867.158 US1	Utility - ORG	11/731,27 9	BANDGAP VOLTAGE AND CURRENT REFERENCE	Mar 30, 2007	Issued	Dec 27, 2011	8,085,029	Linear Technology Holding LLC	Linear Technology Corporation
5867.159 PRV	Prov - ORG	60/619,00 7	SAMPLING CONFIGURATIO N WITH REDUCED AVERAGE INPUT CURRENT	Oct 18, 2004	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.159 US1	Utility - NPREG	11/252,38 8	ANALOG-TO- DIGITAL CONVERTER WITH REDUCED AVERAGE INPUT CURRENT AND REDUCED AVERAGE REFERENCE CURRENT	Oct 17, 2005	Issued	Jan 16, 2007	7,164,378	Linear Technology Holding LLC	Linear Technology Corporation

5867.159 US2	Utility - NPREG	11/252,38 7	ANALOG SIGNAL SAMPLING SYSTEM AND METHOD HAVING REDUCED AVERAGE INPUT CURRENT	Oct 17, 2005	Issued	Aug 8, 2006	7,088,280	Linear Technology Holding LLC	Linear Technology Corporation
5867.159 US3	Utility - CON	11/477,15 9	ANALOG SIGNAL SAMPLING SYSTEM AND METHOD HAVING REDUCED AVERAGE INPUT CURRENT	Jun 27, 2006	Issued	Sep 2, 2008	7,420,491	Linear Technology Holding LLC	Linear Technology Corporation
5867.159 WO1	Utility - ORG	PCT/US20 05/03718 7	ANALOG SIGNAL SAMPLING SYSTEM AND METHOD HAVING REDUCED AVERAGE INPUT CURRENT	Oct 17, 2005	Complete d			Linear Technology Holding LLC	Linear Technology Corporation

5867.165 US1	Utility - NPREG	11/252,60 7	DETECTING LEGACY POWERED DEVICE IN POWER OVER ETHERNET SYSTEM	Oct 19, 2005	Issued	Dec 21, 2010	7,856,561	Linear Technology Holding LLC	Linear Technology Corporation
5867.167 US1	Utility - ORG	11/030,99 3	DC/DC CONVERTER WITH CURRENT LIMIT PROTECTION	Jan 10, 2005	Issued	May 4, 2010	7,710,700	Linear Technology Holding LLC	Linear Technology Corporation
5867.168 US1	Utility - ORG	12/358,56 8	CIRCUITRY AND METHODODOGY FOR PROTECTING A BOOST DC/DC CONVERTER	Jan 23, 2009	Issued	Feb 14, 2012	8,116,045	Linear Technology Holding LLC	Linear Technology Corporation
5867.169 US1	Utility - ORG	10/307,20 0	HIGH LINEARITY DIGITAL VARIABLE GAIN AMPLIFIER	Nov 29, 2002	Issued	Jul 4, 2006	7,071,784	Linear Technology Holding LLC	Linear Technology Corporation
5867.169 US2	Utility - CON	11/327,05 2	HIGH LINEARITY DIGITAL VARIABLE GAIN AMPLIFIER	Jan 6, 2006	Issued	Jul 17, 2007	7,245,189	Linear Technology Holding LLC	Linear Technology Corporation

5867.169 US3	Utility - CON	11/326,82 3	HIGH LINEARITY DIGITAL VARIABLE GAIN AMPLIFIER	Jan 6, 2006	Issued	Nov 30, 2010	7,843,038	Linear Technology Holding LLC	Linear Technology Corporation
5867.174 US1	Utility - ORG	10/991,38 7	COMMON- MODE DATA TRANSMISSION FOR POWER OVER ETHERNET SYSTEM	Nov 19, 2004	Issued	Sep 9, 2014	8,831,211	Linear Technology Holding LLC	Linear Technology Corporation
5867.175 US1	Utility - ORG	13/398,04 6	ACTIVE BRIDGE RECTIFICATION	Feb 16, 2012	Issued	Aug 12, 2014	8,804,389	Linear Technology Holding LLC	Linear Technology Corporation
5867.177 PRV	Prov - ORG	61/243,23 0	METHOD TO IMPROVE THE ACCURACY OF A VOLT-SECOND CLAMP IN AN ISOLATED DC/DC CONVERTER	Sep 17, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.177 US1	Utility - NPREG	12/882,80 6	ACCURACY OF A VOLT-SECOND CLAMP IN AN ISOLATED DC/DC CONVERTER	Sep 15, 2010	Issued	Nov 26, 2013	8,593,839	Linear Technology Holding LLC	Linear Technology Corporation

5867.178 PRV	Prov - ORG	61/351,68 5	DC/DC CONVERTER MAGNETIZING CURRENT LIMIT	Jun 4, 2010	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.178 US1	Utility - NPREG	13/151,68 9	DC/DC CONVERTER WITH MAGNETIC FLUX DENSITY LIMITS	Jun 2, 2011	Issued	Apr 8, 2014	8,693,215	Linear Technology Holding LLC	Linear Technology Corporation
5867.179 US1	Utility - ORG	12/276,55 2	METHOD AND SYSTEM FOR VARIABLE-GAIN AMPLIFIER	Nov 24, 2008	Issued	May 11, 2010	7,714,658	Linear Technology Holding LLC	Linear Technology Corporation
5867.180 US1	Utility - ORG	11/605,29 7	PROGRAMMABLE CONDUCTION MODE CONTROL FOR SWITCHING CIRCUITS	Nov 29, 2006	Issued	Jun 8, 2010	7,733,672	Linear Technology Holding LLC	Linear Technology Corporation
5867.181 PRV	Prov - ORG	60/254,82 1	BIDIRECTIONAL BUFFER AND HOT SWAP CIRCUIT FOR TWO-WIRE BUS SYSTEMS	Dec 11, 2000	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.181 US1	Utility - NPREG	10/013,89 3	METHODS AND CIRCUITRY FOR INTERCONNECTI NG DATA AND CLOCK BUSES OF LIVE BACKPLANE CIRCUITRY AND INPUT/OUTPUT CARD CIRCUITRY, AND METHODS AND CIRCUITRY FOR ISOLATING CAPACITANCES OF A LIVE BACKPLANE FROM THE CAPACITANES OF AT LEAST ONE INPUT/OUTPUT CARD	Dec 11, 2001	Issued	Apr 18, 2006	7,032,051	Linear Technology Holding LLC	Linear Technology Corporation
5867.184 PRV	Prov - ORG	61/847,69 7	INTERFACE CIRCUIT FOR DRIVING FULLY- DIFFERENTIAL CIRCUITS	Jul 18, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.184 US1	Utility - NPREG	14/083,19 5	INTERFACE CIRCUIT FOR DRIVING FULLY- DIFFERENTIAL CIRCUITS	Nov 18, 2013	Issued	Nov 4, 2014	8,878,587	Linear Technology Holding LLC	Linear Technology Corporation
5867.185 PRV	Prov - ORG	61/754,45 2	ULTRA LOW QUIESCENT CURRENT BURST MODE IN DROPOUT OPERATION	Jan 18, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.185 US1	Utility - NPREG	13/922,19 1	VOLTAGE REGULATOR SLEEP CONTROL IN DROPOUT MODE	Jun 19, 2013	Issued	Feb 2, 2016	9,250,638	Linear Technology Holding LLC	Linear Technology Corporation
5867.187 US1	Utility - ORG	09/116,30 9	ACTIVE PULLUP CIRCUITRY FOR OPEN-DRAIN SIGNALS	Jul 15, 1998	Issued	Mar 12, 2002	6,356,140	Linear Technology Holding LLC	Linear Technology Corporation
5867.187 US2	Utility - CON	10/028,24 3	ACTIVE PULLUP CIRCUITRY FOR OPEN-DRAIN SIGNALS	Dec 18, 2001	Issued	Nov 18, 2003	6,650,174	Linear Technology Holding LLC	Linear Technology Corporation
5867.188 US1	Utility - NPREG	13/111,63 6	DYNAMIC COMPENSATION OF AGING DRIFT IN CURRENT SENSE RESISTOR	May 19, 2011	Issued	Jul 15, 2014	8,779,777	Linear Technology Holding LLC	Linear Technology Corporation

5867.189 PRV	Prov - ORG	61/524,94 5	RADAR SYSTEM AND METHOD FOR PROVIDING INFORMATION ON MOVEMENTS OF OBJECT'S SURFACE	Aug 18, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.189 US1	Utility - NPREG	13/315,65 4	RADAR SYSTEM AND METHOD FOR PROVIDING INFORMATION ON MOVEMENTS OF OBJECT'S SURFACE	Dec 9, 2011	Issued	Nov 17, 2015	9,188,477	Linear Technology Holding LLC	Linear Technology Corporation
5867.190 PRV	Prov - ORG	61/243,22 8	DC/DC CONVERTER HAVING A FAST AND ACCURATE AVERAGE CURRENT LIMIT	Sep 17, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.190 US1	Utility - NPREG	12/884,01 3	DC/DC CONVERTER HAVING A FAST AND ACCURATE AVERAGE CURRENT LIMIT	Sep 16, 2010	Issued	Apr 16, 2013	8,421,432	Linear Technology Holding LLC	Linear Technology Corporation

5867.191 US1	Utility - ORG	12/711,82 8	CHARGE PUMP WITH REDUCED CURRENT VARIATION	Feb 24, 2010	Issued	Nov 27, 2012	8,319,545	Linear Technology Holding LLC	Linear Technology Corporation
5867.192 PRV	Prov - ORG	61/596,89 2	LOW LEAKAGE CIRCUITS, DEVICES, AND TECHNIQUES	Feb 9, 2012	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.192 US1	Utility - NPREG	13/763,19 0	LOW LEAKAGE CIRCUITS, DEVICES, AND TECHNIQUES	Feb 8, 2013	Issued	Oct 13, 2015	9,160,312	Linear Technology Holding LLC	Linear Technology Corporation
5867.193 PRV	Prov - ORG	61/276,97 0	RADIO FREQUENCY MODULATOR	Sep 18, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.193 US1	Utility - NPREG	12/877,73 2	RADIO FREQUENCY MODULATOR	Sep 8, 2010	Issued	Jul 17, 2012	8,222,965	Linear Technology Holding LLC	Linear Technology Corporation
5867.194 PRV	Prov - ORG	61/268,85 4	DISCOVERY OF NEIGHBORS DURING WIRELESS NETWORK JOINING	Jun 16, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.194 US1	Utility - NPREG	12/770,56 5	DISCOVERY OF NEIGHBORS DURING WIRELESS NETWORK JOINING	Apr 29, 2010	Issued	Dec 3, 2013	8,599,719	Linear Technology Holding LLC	Linear Technology Corporation

5867.195 PRV	Prov - ORG	61/216,60 1	DETERMINING PATH STABILITY USING SOURCE ROUTED PACKETS IN WIRELESS NETWORKS	May 19, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.195 US1	Utility - NPREG	12/770,57 1	DETERMINING PATH STABILITY USING SOURCE ROUTED PACKETS IN WIRELESS NETWORKS	Apr 29, 2010	Issued	Sep 9, 2014	8,830,847	Linear Technology Holding LLC	Linear Technology Corporation
5867.196 PRV	Prov - ORG	61/130,52 3	CONGESTION CONTROL FOR TDMA BASED WIRELESS SENSOR NETWORKS	May 30, 2008	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.196 US1	Utility - NPREG	12/387,45 4	CONGESTION CONTROL FOR WIRELESS SENSOR NETWORKS	Apr 30, 2009	Issued	May 29, 2012	8,189,479	Linear Technology Holding LLC	Linear Technology Corporation
5867.197 PRV	Prov - ORG	61/002,41 5	SOURCE ROUTING BANDWIDTH ACTIVATION	Nov 7, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.197 US1	Utility - NPREG	12/288,34 2	SOURCE ROUTING BANDWIDTH ACTIVATION	Oct 17, 2008	Issued	Mar 12, 2013	8,396,022	Linear Technology Holding LLC	Linear Technology Corporation

5867.198 PRV	Prov - ORG	60/930,60 0	TIME OF FLIGHT MEASUREMENT IN WIRELESS MESH NETWORKS	May 16, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.198 US1	Utility - NPREG	12/148,41 2	TIME CORRECTION AND DISTANCE MEASUREMENT IN WIRELESS MESH NETWORKS	Apr 18, 2008	Issued	Dec 4, 2012	8,325,704	Linear Technology Holding LLC	Linear Technology Corporation
5867.199 PRV	Prov - ORG	60/930,22 6	TIMING CALIBRATION FOR A MESH NETWORK	May 14, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.199 US1	Utility - NPREG	12/082,24 2	TIMING CALIBRATION FOR CRYSTAL OSCILLATORS WITHIN A MESH NETWORK	Apr 9, 2008	Issued	Sep 7, 2010	7,791,419	Linear Technology Holding LLC	Linear Technology Corporation
5867.200 PRV	Prov - ORG	60/849,66 3	ADAPTIVE TIMING SYNCHRONIZATI ON FOR MESH NETWORKS	Oct 5, 2006	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.200 US1	Utility - NPREG	11/973,29 5	ADAPTIVE TIMING SYNCHRONIZATI ON FOR MESH NETWORKS	Oct 5, 2007	Issued	Jun 5, 2012	8,194,636	Linear Technology Holding LLC	Linear Technology Corporation
5867.201 PRV	Prov - ORG	60/756,24 0	PROVIDING LOW LATENCY COMMUNICATI ON IN WIRELESS MESH NETWORKS	Jan 3, 2006	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.201 US1	Utility - NPREG	11/649,34 2	PROVIDING BOUNDED LATENCY COMMUNICATI ON IN WIRELESS MESH NETWORKS	Jan 3, 2007	Issued	Mar 20, 2012	8,139,554	Linear Technology Holding LLC	Linear Technology Corporation
5867.202 US1	Utility - ORG	12/642,63 4	CONTINUOUSLY SWITCHING BUCK-BOOST CONTROL	Dec 18, 2009	Issued	Feb 5, 2013	8,368,365	Linear Technology Holding LLC	Linear Technology Corporation
5867.206 US1	Utility - ORG	11/326,73 1	METHODS AND CIRCUITS FOR OUTPUT OVER- VOLTAGE REDUCTION IN SWITCHING REGULATORS	Jan 5, 2006	Issued	May 27, 2008	7,378,826	Linear Technology Holding LLC	Linear Technology Corporation

5867.207 US1	Utility - ORG	10/003,09 6	CIRCUITRY AND METHODS FOR IMPROVING THE PERFORMANCE OF A LIGHT EMITTING ELEMENT	Dec 6, 2001	Issued	May 23, 2006	7,049,759	Linear Technology Holding LLC	Linear Technology Corporation
5867.207 US2	Utility - CON	11/176,12 6	CIRCUITRY AND METHODS FOR IMPROVING THE PERFORMANCE OF A LIGHT EMITTING ELEMENT	Jul 6, 2005	Issued	Dec 25, 2007	7,312,581	Linear Technology Holding LLC	Linear Technology Corporation
5867.208 US1	Utility - ORG	10/738,82 4	CIRCUITS AND METHODS FOR DETECTING THE PRESENCE OF A POWERED DEVICE IN A POWERED NETWORK	Dec 16, 2003	Issued	Apr 8, 2008	7,356,588	Linear Technology Holding LLC	Linear Technology Corporation
5867.209 PRV	Prov - ORG	60/698,75 8	DIGITALLY CONTROLLED OSCILLATOR	Jul 12, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.209 US1	Utility - NPREG	11/484,43 3	RADIO OSCILLATOR TUNING	Jul 11, 2006	Issued	May 20, 2008	7,375,594	Linear Technology Holding LLC	Linear Technology Corporation

5867.210 PRV	Prov - ORG	60/634,19 5	LOW-POWER DIGRAPH NETWORK SYSTEM	Dec 7, 2004	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.210 US1	Utility - NPREG	11/256,65 2	SELF MANAGING A LOW POWER NETWORK	Oct 20, 2005	Issued	Sep 10, 2013	8,532,002		Linear Technology Holding LLC	Linear Technology Corporation
5867.211 PRV	Prov - ORG	60/661,07 5	APPLICATION- DRIVEN AGILE NETWORKS	Mar 11, 2005	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.211 US1	Utility - NPREG	11/371,31 7	APPLICATION- DRIVEN AGILE NETWORKS	Mar 7, 2006	Issued	Dec 8, 2009	7,630,326		Linear Technology Holding LLC	Linear Technology Corporation
5867.214 PRV	Prov - ORG	61/524,47 8	PROVIDING COMMON MODE INPUT CONTROL FOR SWITCHED CAPACITOR AMPLIFIER IN PIPELINE ANALOG-TO- DIGITAL CONVERTER	Aug 17, 2011	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.214 PV2	Prov - ORG	61/684,01 6	COMMON MODE INPUT CONTROL FOR SWITCHED CAPACITOR AMPLIFIER IN PIPELINE ANALOG-TO- DIGITAL CONVERTER	Aug 16, 2012	Abandoned				Linear Technology Holding LLC	Linear Technology Corporation

5867.214 US1	Utility - NPREG	13/587,70 3	COMMON MODE INPUT CONTROL FOR SWITCH CAPACITOR AMPLIFIER IN PIPELINE ANALOG-TO- DIGITAL CONVERTER	Aug 16, 2012	Issued	Dec 30, 2014	8,922,275	Linear Technology Holding LLC	Linear Technology Corporation
5867.225 US1	Utility - ORG	11/052,47 8	PROTECTION FOR SWITCHED STEP UP/STEP DOWN REGULATORS	Feb 8, 2005	Issued	Apr 29, 2008	7,365,525	Linear Technology Holding LLC	Linear Technology Corporation
5867.232 US1	Utility - ORG	11/166,08 9	WIDE DYNAMIC RANGE SWITCHING VARIABLE GAIN AMPLIFIER AND CONTROL	Jun 27, 2005	Issued	Aug 21, 2007	7,259,620	Linear Technology Holding LLC	Linear Technology Corporation

5867.233 US1	Utility - ORG	11/106,59 6	IMPROVED NETWORK WITH MULTIPLE ADJUSTMENT ELEMENTS AND SENSITIVITIES, AND DIGITAL-TO- ANALOG CONVERTER IMPLEMENTING SAME	Apr 15, 2005	Issued	Aug 14, 2007	7,256,721	Linear Technology Holding LLC	Linear Technology Corporation
5867.234 US1	Utility - ORG	11/108,89 5	TRIM CIRCUITS AND METHODOLOGIE S FOR DATA CONVERTERS	Apr 19, 2005	Issued	Apr 25, 2006	7,034,735	Linear Technology Holding LLC	Linear Technology Corporation
5867.235 US1	Utility - ORG	09/359,85 4	METHODS AND APPARATUS FOR CONTROLLING THE INTENSITY OF A FLUORESCENT LAMP	Jul 23, 1999	Issued	Mar 6, 2001	6,198,236	Linear Technology Holding LLC	Linear Technology Corporation
5867.236 PRV	Prov - ORG	61/141,76 6	VOLTAGE INDEPENDENT POWER SUPPLY LOAD SHARING BY CONTROLLING SERIES VOLTAGE DROP	Dec 31, 2008	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.236 US1	Utility - NPREG	12/645,34 1	METHOD AND SYSTEM FOR VOLTAGE INDEPENDENT POWER SUPPLY LOAD SHARING	Dec 22, 2009	Issued	Oct 7, 2014	8,853,885	Linear Technology Holding LLC	Linear Technology Corporation
5867.238 US1	Utility - ORG	13/397,37 0	NEGATIVE SLOPE COMPENSATION FOR CURRENT MODE SWITCHING POWER SUPPLY	Feb 15, 2012	Issued	Apr 1, 2014	8,686,702	Linear Technology Holding LLC	Linear Technology Corporation
5867.239 US1	Utility - ORG	12/940,43 4	METHOD AND SYSTEM FOR DETECTING AND ASSERTING BUS SPEED CONDITION IN A USB ISOLATING DEVICE	Nov 5, 2010	Issued	Dec 30, 2014	8,924,621	Linear Technology Holding LLC	Linear Technology Corporation
5867.240 US1	Utility - ORG	12/421,12 6	BUCK-MODE BOOST CONVERTER WITH REGULATED OUTPUT CURRENT	Apr 9, 2009	Issued	Nov 15, 2011	8,058,812	Linear Technology Holding LLC	Linear Technology Corporation

5867.241 US1	Utility - ORG	12/474,93 8	LOW THERMAL HYSTERESIS BANDGAP VOLTAGE REFERENCE	May 29, 2009	Issued	Aug 10, 2010	7,772,920	Linear Technology Holding LLC	Linear Technology Corporation
5867.246 US1	Utility - ORG	12/752,85 8	ERROR AMPLIFIER FOR REGULATING SINGLE FEEDBACK INPUT AT MULTIPLE LEVELS	Apr 1, 2010	Issued	Sep 25, 2012	8,274,314	Linear Technology Holding LLC	Linear Technology Corporation
5867.249 PRV	Prov - ORG	61/810,66 1	DYNAMIC SWITCHING FREQUENCY ADJUSTMENT FOR FAST TRANSIENT RESPONSE	Apr 10, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.249 US1	Utility - NPREG	13/963,88 0	CIRCUIT AND METHOD FOR DYNAMIC SWITCHING FREQUENCY ADJUSTMENT IN A POWER CONVERTER	Aug 9, 2013	Issued	Apr 4, 2017	9,614,436	Linear Technology Holding LLC	Linear Technology Corporation
5867.250 PRV	Prov - ORG	61/813,58 3	BALUN MIXER CIRCUITS	Apr 18, 2013	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.250 US1	Utility - NPREG	14/061,47 9	BALUN MIXER CIRCUITS	Oct 23, 2013	Issued	Dec 2, 2014	8,901,988	Linear Technology Holding LLC	Linear Technology Corporation

5867.251 US1	Utility - ORG	11/498,13 0	LIGHT LOAD REGULATOR FOR ISOLATED FLYBACK CONVERTER	Aug 3, 2006	Issued	Dec 30, 2008	7,471,522	Linear Technology Holding LLC	Linear Technology Corporation
5867.252 PRV	Prov - ORG	62/022,10 2	LEVEL-SHIFTING AMPLIFIER	Jul 8, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.252 US1	Utility - NPREG	14/610,59 7	LEVEL-SHIFTING AMPLIFIER	Jan 30, 2015	Issued	Jun 21, 2016	9,374,050	Linear Technology Holding LLC	Linear Technology Corporation
5867.253 US1	Utility - ORG	14/335,69 6	TRIMMING GAIN AND CMIMR IN DIFFERENCE AMPLIFIER	Jul 18, 2014	Issued	May 10, 2016	9,337,792	Linear Technology Holding LLC	Linear Technology Corporation
5867.254 PRV	Prov - ORG	61/977,35 1	CIRCUIT FOR CONVERTING A VALUE ENCODED IN A TIME-BASED SIGNAL INTO AN ANALOG QUANTITY	Apr 9, 2014	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.254 US1	Utility - NPREG	14/669,50 8	CIRCUIT FOR CONVERTING A VALUE ENCODED IN A TIME-BASED SIGNAL INTO AN ANALOG QUANTITY	Mar 26, 2015	Issued	Jun 21, 2016	9,374,105	Linear Technology Holding LLC	Linear Technology Corporation

5867.255 US1	Utility - ORG	14/199,83 9	EXPONENTIAL ROM TABLE TUNING USING TRIM FOR FREQUENCY AGILE ANALOG FILTERS	Mar 6, 2014	Issued	Apr 5, 2016	9,306,531	Linear Technology Holding LLC	Linear Technology Corporation
5867.259 PRV	Prov - ORG	61/141,77 7	AUTONOMOUS MULTI-DEVICE EVENT SYNCHRONIZATI ON TECHNIQUE ELIMINATING MASTER AND SLAVE ASSIGNMENTS	Dec 31, 2008	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.259 US1	Utility - NPREG	12/645,25 8	AUTONOMOUS MULTI-DEVICE EVENT SYNCHRONIZATI ON AND SEQUENCING TECHNIQUE ELIMINATING MASTER AND SLAVE ASSIGNMENTS	Dec 22, 2009	Issued	Jan 7, 2014	8,627,132	Linear Technology Holding LLC	Linear Technology Corporation

5867.260 US1	Utility - ORG	12/073,92 4	SYSTEM AND METHOD FOR CHARGING CAPACITORS USING AUTOMATIC CELL BALANCING	Mar 12, 2008	Issued	Jun 12, 2012	8,198,869	Linear Technology Holding LLC	Linear Technology Corporation
5867.260 US2	Utility - DIV	13/409,99 2	SYSTEM AND METHOD FOR CHARGING CAPACITORS USING AUTOMATIC CELL BALANCING	Mar 1, 2012	Issued	Nov 19, 2013	8,587,263	Linear Technology Holding LLC	Linear Technology Corporation
5867.269 PRV	Prov - ORG	61/238,23 9	ENHANCED PAD DESIGN FOR SOLDER ATTACH DEVICES	Aug 31, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.269 US1	Utility - NPREG	12/773,47 7	ENHANCED PAD DESIGN FOR SOLDER ATTACH DEVICES	May 4, 2010	Issued	Apr 24, 2012	8,163,643	Linear Technology Holding LLC	Linear Technology Corporation
5867.270 US1	Utility - ORG	11/727,49 7	SYNCHRONOUS RECTIFIER CONTROL FOR SYNCHRONOUS BOOST CONVERTER	Mar 27, 2007	Issued	Nov 22, 2011	8,063,615	Linear Technology Holding LLC	Linear Technology Corporation

5867.270 US2	Utility - DIV	13/251,85 2	SYNCHRONOUS RECTIFIER CONTROL FOR SYNCHRONOUS BOOST CONVERTER	Oct 3, 2011	Issued	Nov 13, 2012	8,310,216	Linear Technology Holding LLC	Linear Technology Corporation
5867.271 US1	Utility - ORG	11/881,82 2	PROVIDING A LOW LATENCY BACKBONE IN A WIRELESS MESH NETWORK	Jul 27, 2007	Issued	Jun 22, 2010	7,742,435	Linear Technology Holding LLC	Linear Technology Corporation
5867.273 US1	Utility - ORG	11/418,13 1	CIRCUIT AND METHODOLOGY FOR SUPPLYING PULSED CURRENT TO A LOAD, SUCH AS A LIGHT EMITTING DIODE	May 5, 2006	Issued	Jun 29, 2010	7,746,300	Linear Technology Holding LLC	Linear Technology Corporation
5867.274 US1	Utility - ORG	09/227,00 2	LOW NOISE STEP- DOWN SWITCHING REGULATOR CIRCUITS WITH PROGRAMMABLE SLEW RATE LIMITER AND METHODS OF USE	Jan 7, 1999	Issued	Mar 21, 2000	6,040,686	Linear Technology Holding LLC	Linear Technology Corporation

5867.276 US1	Utility - ORG	08/878,63 1	SYNCHRONOUS SWITCHING REGULATOR WHICH EMPLOYS SWITCH VOLTAGE-DROP FOR CURRENT SENSING	Jun 13, 1997	Issued	Dec 8, 1998	5,847,554	Linear Technology Holding LLC	Linear Technology Corporation
5867.277 US1	Utility - ORG	08/715,42 8	METHODS AND APPARATUS FOR OBTAINING FLOATING OUTPUT DRIVE TO FLUORESCENT LAMPS AND MINIMIZING INSTALLATION REQUIREMENTS	Sep 18, 1996	Issued	Jun 16, 1998	5,767,630	Linear Technology Holding LLC	Linear Technology Corporation
5867.278 US1	Utility - ORG	08/840,01 7	APPARATUS AND METHOD USING WAVEFORM SHAPING FOR REDUCING HIGH FREQUENCY NOISE FROM SWITCHING INDUCTIVE LOADS	Apr 24, 1997	Issued	Sep 14, 1999	5,952,817	Linear Technology Holding LLC	Linear Technology Corporation

5867.279 US1	Utility - ORG	09/099,40 9	VOLTAGE MODE FEEDBACK BURST MODE CIRCUIT	Jun 18, 1998	Issued	Oct 23, 2001	6,307,356	Linear Technology Holding LLC	Linear Technology Corporation
5867.280 US1	Utility - ORG	09/198,19 3	FLUORESCENT- LAMP EXCITATION CIRCUIT WITH FREQUENCY AND AMPLITUDE CONTROL AND METHODS FOR USING SAME	Nov 23, 1998	Issued	Jul 11, 2000	6,087,787	Linear Technology Holding LLC	Linear Technology Corporation
5867.281 PRV	Prov - ORG	60/099,90 8	GENERATION OF TIMING CONTROL AND SLOPE COMPENSATION SIGNALS IN A MULTIPLE PHASE, SINGLE OR MULTIPLE OUTPUT SWITCHING REGULATOR	Sep 11, 1998	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.281 US1	Utility - NPREG	09/383,45 9	CIRCUITS AND METHODS FOR CONTROLLING TIMING AND SLOPE COMPENSATION IN SWITCHING REGULATORS	Aug 26, 1999	Issued	Jan 23, 2001	6,177,787	Linear Technology Holding LLC	Linear Technology Corporation
5867.282 US1	Utility - ORG	09/536,27 1	SYSTEMS AND METHODS FOR LINEARLY VARYING A PULSE-WIDTH MODULATION SIGNAL WITH A CONTROL SIGNAL	Mar 27, 2000	Issued	Jun 11, 2002	6,404,251	Linear Technology Holding LLC	Linear Technology Corporation
5867.283 US1	Utility - ORG	09/780,64 9	MULTIPLE PHASE SWITCHING REGULATORS WITH STAGE SHEDDING	Feb 8, 2001	Issued	Jan 6, 2004	6,674,274	Linear Technology Holding LLC	Linear Technology Corporation
5867.285 PRV	Prov - ORG	61/345,96 0	ANALOG-TO- DIGITAL CONVERTER WITH SERIAL OUTPUT DATA FORMATTED FOR REDUCED LATENCY	May 18, 2010	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.285 US1	Utility - NPREG	13/107,50 8	METHOD AND CIRCUIT FOR ENCODING AND TRANSMITTING NUMERICAL VALUES FROM AN ANALOG-TO- DIGITAL CONVERSION PROCESS	May 13, 2011	Issued	Mar 5, 2013	8,390,497	Linear Technology Holding LLC	Linear Technology Corporation
5867.286 PRV	Prov - ORG	61/485,28 3	CIRCUITRY TO PREVENT OVERVOLTAGE OF CIRCUIT SYSTEMS	May 12, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.286 US1	Utility - NPREG	13/424,11 6	CIRCUITRY TO PREVENT OVERVOLTAGE OF CIRCUIT SYSTEMS	Mar 19, 2012	Issued	Dec 31, 2013	8,619,400	Linear Technology Holding LLC	Linear Technology Corporation
5867.287 PRV	Prov - ORG	61/325,69 0	SWITCHING SCHEME FOR STEP UP-STEP DOWN CONVERTERS USING FIXED FREQUENCY CURRENT-MODE CONTROL	Apr 19, 2010	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.287 US1	Utility - NPREG	13/088,86 7	SWITCHING SCHEME FOR STEP UP-STEP DOWN CONVERTERS USING FIXED FREQUENCY CURRENT-MODE CONTROL	Apr 18, 2011	Issued	Dec 16, 2014	8,912,779	Linear Technology Holding LLC	Linear Technology Corporation
5867.288 PRV	Prov - ORG	61/290,11 6	LOW-LOSS, HIGH- ACCURACY EFFICIENCY METER FOR STEP- UP AND STEP- DOWN SWITCHING POWER SUPPLIES	Dec 24, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.288 US1	Utility - NPREG	12/755,29 1	EFFICIENCY MEASURING CIRCUIT FOR DC- DC CONVERTER WHICH CALCULATES INTERNAL RESISTANCE OF SWITCHING INDUCTOR BASED ON DUTY CYCLE	Apr 6, 2010	Issued	Oct 2, 2012	8,278,895	Linear Technology Holding LLC	Linear Technology Corporation

5867.289 PRV	Prov - ORG	61/262,73 7	SAR ADC WITH REDUCED SIGNAL SWING AT THE INPUT OF THE COMPARATOR CIRCUIT	Nov 19, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.289 US1	Utility - NPREG	12/949,50 7	SEQUENTIALLY CONFIGURED ANALOG TO DIGITAL CONVERTER	Nov 18, 2010	Issued	Jul 31, 2012	8,232,905	Linear Technology Holding LLC	Linear Technology Corporation
5867.290 PRV	Prov - ORG	61/263,62 8	POWERED DEVICE PROVIDING SEAMLESS SWITCHING BETWEEN POWER SUPPLY INPUTS	Nov 23, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.290 US1	Utility - NPREG	12/759,27 0	PROVIDING POWER TO POWERED DEVICE HAVING MULTIPLE POWER SUPPLY INPUTS	Apr 13, 2010	Issued	Nov 12, 2013	8,581,438	Linear Technology Holding LLC	Linear Technology Corporation

5867.291 PRV	Prov - ORG	61/264,14 9	ENHANCING AN OPERATIONAL AMPLIFIER'S CAPACITIVE LOAD DRIVING CAPABILITY USING PARALLEL MILLER FEEDBACK	Nov 24, 2009	Expired				Linear Technology Holding LLC	Linear Technology Corporation
5867.291 US1	Utility - NPREG	12/768,24 5	ENHANCING AN OPERATIONAL AMPLIFIER'S CAPACITIVE LOAD DRIVING CAPABILITY USING PARALLEL MILLER FEEDBACK	Apr 27, 2010	Issued	Nov 15, 2011	8,058,931		Linear Technology Holding LLC	Linear Technology Corporation
5867.292 PRV	Prov - ORG	61/304,15 6	METHOD TO ACHIEVE CLOCK EDGE SYNCHRONIZATI ON OF MULTIPLE CLOCK DISTRIBUTION INTEGRATED CIRCUITS	Feb 12, 2010	Expired				Linear Technology Holding LLC	Linear Technology Corporation

5867.292 US1	Utility - NPREG	13/024,916	METHOD AND SYSTEM FOR CLOCK EDGE SYNCHRONIZATION OF MULTIPLE CLOCK DISTRIBUTION INTEGRATED CIRCUITS BY CONFIGURING MASTER DEVICE TO PRODUCE AT LEAST ONE GATED CLOCK OUTPUT SIGNAL	Feb 10, 2011	Issued	Aug 26, 2014	8,819,472	Linear Technology Holding LLC	Linear Technology Corporation
5867.294 US1	Utility - ORG	12/003,883	FLEXIBLE CONTACTLESS WIRE BONDING STRUCTURE AND METHODOLOGY FOR SEMICONDUCTOR DEVICE	Jan 3, 2008	Issued	Jun 14, 2011	7,960,845	Linear Technology Holding LLC	Linear Technology Corporation

5867.294 US2	Utility - DIV	12/941,38 3	FLEXIBLE CONTACTLESS WIRE BONDING STRUCTURE AND METHODOLOGY FOR SEMICONDUCTOR DEVICE	Nov 8, 2010	Issued	Sep 18, 2012	8,269,355	Linear Technology Holding LLC	Linear Technology Corporation
5867.295 PRV	Prov - ORG	60/935,28 7	OVER VOLTAGE PROTECTION CIRCUIT	Aug 3, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.295 US1	Utility - NPREG	12/181,86 2	OVER-VOLTAGE PROTECTION CIRCUIT	Jul 29, 2008	Issued	Mar 20, 2012	8,139,329	Linear Technology Holding LLC	Linear Technology Corporation
5867.297 US1	Utility - ORG	13/645,32 2	CONFIGURABLE SERIAL INTERFACE	Oct 4, 2012	Issued	Dec 9, 2014	8,909,841	Linear Technology Holding LLC	Linear Technology Corporation

5867.298 US1	Utility - ORG	13/666,91 6	METHODS AND CIRCUITS FOR PROVIDING STABLE CURRENT AND VOLTAGE REFERENCES BASED ON CURRENTS FLOWING THROUGH ULTRA-THIN DIELECTRIC LAYER COMPONENTS	Nov 1, 2012	Issued	Mar 17, 2015	8,981,833	Linear Technology Holding LLC	Linear Technology Corporation
5867.300 US1	Utility - ORG	11/052,47 7	VARIABLE FREQUENCY CURRENT-MODE CONTROL FOR SWITCHED STEP UP-STEP DOWN REGULATORS	Feb 8, 2005	Issued	Dec 16, 2008	7,466,112	Linear Technology Holding LLC	Linear Technology Corporation
5867.301 US1	Utility - ORG	11/052,48 0	CURRENT-MODE CONTROL FOR SWITCHED STEP UP-STEP DOWN REGULATORS	Feb 8, 2005	Issued	Jul 1, 2008	7,394,231	Linear Technology Holding LLC	Linear Technology Corporation

5867.302 US1	Utility - ORG	10/939,46 9	ADAPTIVE CONTROL FOR INDUCTOR BASED BUCK- BOOST VOLTAGE REGULATORS	Sep 14, 2004	Issued	Sep 4, 2007	7,265,524	Linear Technology Holding LLC	Linear Technology Corporation
5867.303 US1	Utility - ORG	11/091,46 7	OFFSET CORRECTION CIRCUIT FOR VOLTAGE- CONTROLLED CURRENT SOURCE	Mar 29, 2005	Issued	Jul 29, 2014	8,791,644	Linear Technology Holding LLC	Linear Technology Corporation
5867.304 US1	Utility - ORG	12/430,48 2	COMPLEX- ADMITTANCE DIGITAL-TO- ANALOG CONVERTER	Apr 27, 2009	Issued	Mar 29, 2011	7,916,057	Linear Technology Holding LLC	Linear Technology Corporation
5867.305 PRV	Prov - ORG	60/935,80 3	AMPLITUDE LOCK LOOP FOR PRODUCING CONSTANT AMPLITUDE OSCILLATOR RAMP SIGNAL	Aug 31, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.305 US1	Utility - NPREG	12/202,73 6	AMPLITUDE LOCK LOOP FOR PRODUCING CONSTANT AMPLITUDE OSCILLATOR RAMP SIGNAL	Sep 2, 2008	Issued	Feb 21, 2012	8,120,330	Linear Technology Holding LLC	Linear Technology Corporation

5867.306 PRV	Prov - ORG	61/169,42 1	VOLTAGE AND CURRENT REGULATORS WITH SWITCHED OUTPUT CAPACITORS FOR MULTIPLE REGULATION STATES	Apr 15, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.306 US1	Utility - NPREG	12/508,67 0	VOLTAGE AND CURRENT REGULATORS WITH SWITCHED OUTPUT CAPACITORS FOR MULTIPLE REGULATION STATES	Jul 24, 2009	Issued	Dec 2, 2014	8,901,904	Linear Technology Holding LLC	Linear Technology Corporation
5867.307 PRV	Prov - ORG	61/243,23 6	DC/DC CONVERTER OVERCURRENT PROTECTION	Sep 17, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.307 US1	Utility - NPREG	12/883,87 6	DC/DC CONVERTER OVERCURRENT PROTECTION	Sep 16, 2010	Issued	Jan 1, 2013	8,345,391	Linear Technology Holding LLC	Linear Technology Corporation

5867.308 PRV	Prov - ORG	61/243,23 3	METHOD FOR EXTENDING ACHIEVABLE DUTY CYCLE RANGE IN A DC/DC FORWARD CONVERTER WITH ACTIVE CLAMP RESET	Sep 17, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.308 US1	Utility - NPREG	12/880,61 8	EXTENDING ACHIEVABLE DUTY CYCLE RANGE IN DC/DC FORWARD CONVERTER WITH ACTIVE CLAMP RESET	Sep 13, 2010	Issued	Feb 26, 2013	8,385,087	Linear Technology Holding LLC	Linear Technology Corporation
5867.309 PRV	Prov - ORG	61/261,48 1	METHOD TO IMPROVE LIMITING AMPLIFIER PHASE NOISE FOR LOW SLEW- RATE INPUT SIGNALS	Nov 16, 2009	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.309 US1	Utility - NPREG	12/913,29 3	METHOD AND SYSTEM FOR IMPROVING LIMITING AMPLIFIER PHASE NOISE FOR LOW SLEW- RATE INPUT SIGNALS	Oct 27, 2010	Issued	Nov 27, 2012	8,319,551	Linear Technology Holding LLC	Linear Technology Corporation
5867.311 PRV	Prov - ORG	60/908,92 2	METHOD FOR CLAMPING A SEMICONDUCTO R REGION AT OR NEAR GROUND	Mar 29, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.311 US2	Utility - CON	13/178,30 2	METHOD FOR CLAMPING A SEMICONDUCTO R REGION AT OR NEAR GROUND	Jul 7, 2011	Issued	Apr 17, 2012	8,159,278	Linear Technology Holding LLC	Linear Technology Corporation
5867.312 PRV	Prov - ORG	61/124,63 6	SYSTEMS AND METHODS FOR OSCILLATION SUPPRESSION IN SWITCHING CIRCUITS	Apr 18, 2008	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.312 US1	Utility - NPREG	12/425,05 2	SYSTEMS AND METHODS FOR OSCILLATION SUPPRESSION IN SWITCHING CIRCUITS	Apr 16, 2009	Issued	Apr 5, 2011	7,920,013	Linear Technology Holding LLC	Linear Technology Corporation

5867.313 PRV	Prov - ORG	61/124,65 3	SYSTEMS AND METHODS FOR FAST SWITCH TURN ON APPROXIMATIN G IDEAL DIODE FUNCTION	Apr 18, 2008	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.313 US1	Utility - NPREG	12/425,01 5	SYSTEMS AND METHODS FOR FAST SWITCH TURN ON APPROXIMATIN G IDEAL DIODE FUNCTION	Apr 16, 2009	Issued	Sep 20, 2011	8,022,679	Linear Technology Holding LLC	Linear Technology Corporation
5867.314 PRV	Prov - ORG	61/556,44 0	SYSTEMS AND METHODS FOR RANDOMIZING COMPONENT MISMATCH IN AN ADC	Nov 7, 2011	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.314 US1	Utility - NPREG	13/671,15 1	SYSTEMS AND METHODS FOR RANDOMIZING COMPONENT MISMATCH IN AN ADC	Nov 7, 2012	Issued	Feb 11, 2014	8,648,741	Linear Technology Holding LLC	Linear Technology Corporation
5867.314 USR	Utility - REIS	14/473,74 5	SYSTEMS AND METHODS FOR RANDOMIZING COMPONENT MISMATCH IN AN ADC	Aug 29, 2014	Issued	Nov 10, 2015	RE45,798	Linear Technology Holding LLC	Linear Technology Corporation

5867.315 PRV	Prov - ORG	61/013,69 3	DC/DC CONVERTER STARTUP WITH FREQUENCY RAMPING	Dec 14, 2007	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.315 US1	Utility - NPREG	12/333,93 3	DC/DC CONVERTER STARTUP WITH FREQUENCY RAMPING	Dec 12, 2008	Issued	Nov 30, 2010	7,843,178	Linear Technology Holding LLC	Linear Technology Corporation
5867.316 PRV	Prov - ORG	60/099,90 7	DUAL FUNCTION SWITCHING REGULATOR CONTROL PIN PROVIDES SOFT START AND SHORT CIRCUIT TIMER FUNCTIONS	Sep 11, 1998	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.316 US1	Utility - NPREG	09/383,45 8	SINGLE PACKAGE PIN PROVIDING SOFT-START AND SHORT- CIRCUIT TIMER FUNCTIONS IN A VOLTAGE REGULATOR CONTROLLER	Aug 26, 1999	Issued	Aug 8, 2000	6,100,678	Linear Technology Holding LLC	Linear Technology Corporation

5867.317 PRV	Prov - ORG	60/709,56 6	CIRCUITRY AND METHOD FOR CANCELING VOLTAGE DEPENDENT CAPACITANCE	Aug 18, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.317 US1	Utility - NPREG	11/506,33 8	CIRCUITS AND METHODS FOR CANCELING SIGNAL DEPENDENT CAPACITANCE	Aug 18, 2006	Issued	Mar 23, 2010	7,683,695	Linear Technology Holding LLC	Linear Technology Corporation
5867.318 PRV	Prov - ORG	60/874,74 2	AUTO-BIAS SYSTEM AND METHODOLOGY FOR REGULATORS	Dec 14, 2006	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.318 US1	Utility - NPREG	12/000,59 5	REGULATED POWER SUPPLY SYSTEM AND AN OPERATING METHOD THEREFORE	Dec 14, 2007	Issued	Nov 16, 2010	7,834,600	Linear Technology Holding LLC	Linear Technology Corporation
5867.319 PRV	Prov - ORG	60/749,04 8	SYSTEM AND METHOD FOR SUPPORTING ADVANCED POWER OVER ETHERNET SYSTEM	Dec 12, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.319 US1	Utility - NPREG	11/594,09 1	INTEGRATED POWERED DEVICE CONNECTOR IN SYSTEM FOR SUPPLYING POWER OVER COMMUNICATI ON LINK	Nov 8, 2006	Issued	Nov 9, 2010	7,831,844	Linear Technology Holding LLC	Linear Technology Corporation
5867.321 PRV	Prov - ORG	60/777,12 1	APPARATUS AND METHOD FOR PRODUCING SIGNAL CONVEYING CIRCUIT STATUS INFORMATION	Feb 28, 2006	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.321 US1	Utility - NPREG	11/582,44 3	APPARATUS AND METHOD FOR PRODUCING SIGNAL CONVEYING CIRCUIT STATUS INFORMATION	Oct 18, 2006	Issued	Aug 24, 2010	7,782,017	Linear Technology Holding LLC	Linear Technology Corporation
5867.322 PRV	Prov - ORG	60/685,88 7	ASYMMETRIC MINOR HYSTERESIS LOOP MODEL AND CIRCUIT STIMULATOR INCLUDING THE SAME	Jun 1, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.322 US1	Utility - NPREG	11/216,00 8	ASYMMETRIC MINOR HYSTERESIS LOOP MODEL AND CIRCUIT STIMULATOR INCLUDING THE SAME	Sep 1, 2005	Issued	Mar 10, 2009	7,502,723	Linear Technology Holding LLC	Linear Technology Corporation
5867.323 PRV	Prov - ORG	60/645,60 7	GLOBAL MAXIMUM POWER POINT TRACKING DC- DC CONVERTER	Jan 24, 2005	Expired			Linear Technology Holding LLC	Linear Technology Corporation
5867.323 US1	Utility - NPREG	11/253,69 7	SYSTEM AND METHOD FOR TRACKING A VARIABLE CHARACTERISTIC THROUGH A RANGE OF OPERATION	Oct 20, 2005	Issued	May 11, 2010	7,714,550	Linear Technology Holding LLC	Linear Technology Corporation
5867.325 US1	Utility - ORG	12/856,15 9	METHOD AND SYSTEM FOR EXTENDING PWM DIMMING RANGE IN LED DRIVERS	Aug 13, 2010	Issued	Jun 12, 2012	8,198,832	Linear Technology Holding LLC	Linear Technology Corporation

5867.326 US1	Utility - ORG	11/698,87 4	CURRENT SOURCE WITH INDIRECT LOAD CURRENT SIGNAL EXTRACTION	Jan 29, 2007	Issued	Jan 5, 2010	7,642,762	Linear Technology Holding LLC	Linear Technology Corporation
5867.327 US1	Utility - NPNEW	11/252,62 4	DUAL-MODE DETECTION OF POWERED DEVICE IN POWER OVER ETHERNET SYSTEM	Oct 19, 2005	Issued	Nov 3, 2009	7,613,936	Linear Technology Holding LLC	Linear Technology Corporation
5867.328 US1	Utility - ORG	11/703,71 8	ADAPTIVE OUTPUT CURRENT CONTROL FOR SWITCHING CIRCUITS	Feb 8, 2007	Issued	Dec 29, 2009	7,639,517	Linear Technology Holding LLC	Linear Technology Corporation
5867.329 US1	Utility - ORG	12/078,38 4	METHOD AND SYSTEM FOR BIT POLARIZATION CODING	Mar 31, 2008	Issued	Feb 2, 2010	7,656,337	Linear Technology Holding LLC	Linear Technology Corporation

5867.330 US1	Utility - ORG	11/483,390	RANGE COMPRESSION IN OVERSAMPLING ANALOG-TO- DIGITAL CONVERTERS USING DIFFERENTIAL INPUT SIGNALS	Jul 7, 2006	Issued	Jul 8, 2008	7,397,403	Linear Technology Holding LLC	Linear Technology Corporation
5867.333 US1	Utility - ORG	11/493,528	LOW POWER WIDE DYNAMIC RANGE RMS-TO- DC CONVERTER	Jul 27, 2006	Issued	Mar 11, 2008	7,342,431	Linear Technology Holding LLC	Linear Technology Corporation
5867.334 US1	Utility - ORG	11/183,969	DUAL-INPUT DC- DC CONVERTER WITH INTEGRATED IDEAL DIODE FUNCTION	Jul 19, 2005	Issued	May 4, 2010	7,709,976	Linear Technology Holding LLC	Linear Technology Corporation
5867.335 US1	Utility - CIP	13/857,935	COMMON MODE INPUT CONTROL FOR SWITCHED CAPACITOR AMPLIFIER IN PIPELINE ANALOG-TO- DIGITAL CONVERTER	Apr 5, 2013	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation

5867.336 US1	Utility - ORG	12/645,24 1	METHOD AND SYSTEM FOR SOLAR PANEL PEAK-POWER TRANSFER USING INPUT VOLTAGE REGULATION	Dec 22, 2009	Issued	Jan 14, 2014	8,629,658	Linear Technology Holding LLC	Linear Technology Corporation
5867.336 US2	Utility - DIV	13/594,68 4	METHOD AND SYSTEM FOR SOLAR PANEL PEAK-POWER TRANSFER USING INPUT VOLTAGE REGULATION	Aug 24, 2012	Issued	Mar 4, 2014	8,664,920	Linear Technology Holding LLC	Linear Technology Corporation
5867.337 US1	Utility - ORG	12/631,56 4	METHOD AND SYSTEM FOR MINIMUM OUTPUT- VOLTAGE BATTERY CHARGER	Dec 4, 2009	Issued	Mar 26, 2013	8,405,362	Linear Technology Holding LLC	Linear Technology Corporation
5867.338 US1	Utility - ORG	13/483,69 3	EXPANDING DC/DC CONVERTER INTO MULTIPHASE DC/DC CONVERTER	May 30, 2012	Issued	Jul 7, 2015	9,077,244	Linear Technology Holding LLC	Linear Technology Corporation
5867.339 US1	Utility - ORG	10/914,05 6	DIGRAPH BASED MESH COMMUNICATI ON NETWORK	Aug 5, 2004	Issued	Jun 5, 2012	8,194,655	Linear Technology Holding LLC	Linear Technology Corporation

5867.339 WO1	Utility - ORG	PCT/US20 05/01009 5	DIGRAPH BASED MESH COMMUNICATI ON NETWORK	Mar 25, 2005	Complete d				Linear Technology Holding LLC	Linear Technology Corporation
5867.340 US1	Utility - CIP	10/960,70 9	LOW-POWER AUTONOMOUS NODE FOR MESH COMMUNICATI ON NETWORK	Oct 6, 2004	Issued		May 5, 2009	7,529,217	Linear Technology Holding LLC	Linear Technology Corporation
5867.340 US2	Utility - CON	11/125,52 9	LOW-POWERED AUTONOMOUS RADIO NODE WITH TEMPERATURE SENSOR AND CRYSTAL OSCILLATOR	May 10, 2005	Issued		Feb 1, 2011	7,881,239	Linear Technology Holding LLC	Linear Technology Corporation
5867.340 WO1	Utility - ORG	PCT/US20 05/01037 5	LOW-POWER AUTONOMOUS NODE FOR MESH COMMUNICATI ON NETWORK	Mar 25, 2005	Complete d				Linear Technology Holding LLC	Linear Technology Corporation
5867.357 US1	Utility - ORG	09/298,34 5	OFFSET VOLTAGE CANCELLATION SYSTEM FOR RADIO FREQUENCY POWER CONTROLLERS	Apr 23, 1999	Issued		Dec 26, 2000	6,167,242	Linear Technology Holding LLC	Linear Technology Corporation

5867.363 US1	Utility - ORG	13/222,742	DC/DC POWER CONVERTER WITH FEEDBACK CONTROL OPERABLE IN LINEAR AND NON-LINEAR MODES	Aug 31, 2011	Issued	Oct 20, 2015	9,166,473	Linear Technology Holding LLC	Linear Technology Corporation
5867.364 US1	Utility - ORG	13/166,360	SIMULTANEOUSLY-SAMPLING SINGLE-ENDED AND DIFFERENTIAL TWO-INPUT ANALOG-TO-DIGITAL CONVERTER	Jun 22, 2011	Issued	Nov 5, 2013	8,576,104	Linear Technology Holding LLC	Linear Technology Corporation
5867.365 US1	Utility - ORG	13/155,922	SYSTEM AND METHODS TO IMPROVE THE PERFORMANCE OF SEMICONDUCTOR BASED SAMPLING SYSTEM	Jun 8, 2011	Issued	Jul 9, 2013	8,482,442	Linear Technology Holding LLC	Linear Technology Corporation

5867.366 US1	Utility - ORG	13/037,09 0	VOLTAGE-MODE BAND-GAP REFERENCE CIRCUIT WITH TEMPERATURE DRIFT AND OUTPUT VOLTAGE TRIMS	Feb 28, 2011	Issued	Jul 29, 2014	8,791,683	Linear Technology Holding LLC	Linear Technology Corporation
5867.367 US1	Utility - ORG	12/960,29 9	HIGH DYNAMIC RANGE COULOMB COUNTER WHICH SIMULTANEOUS LY MONITORS MULTIPLE SENSE RESISTORS	Dec 3, 2010	Issued	Jul 31, 2012	8,233,582	Linear Technology Holding LLC	Linear Technology Corporation
5867.368 US1	Utility - ORG	12/849,33 1	LASER PROCESS FOR SIDE PLATING OF TERMINALS	Aug 3, 2010	Issued	Sep 13, 2011	8,017,447	Linear Technology Holding LLC	Linear Technology Corporation
5867.369 US1	Utility - ORG	12/827,45 5	CURRENT SENSOR USING LEADFRAME AS SENSING ELEMENT	Jun 30, 2010	Issued	May 21, 2013	8,446,159	Linear Technology Holding LLC	Linear Technology Corporation
5867.370 US1	Utility - ORG	12/495,17 0	METHOD AND SYSTEM FOR DIMMING AN OFFLINE LED DRIVER	Jun 30, 2009	Issued	Sep 11, 2012	8,264,165	Linear Technology Holding LLC	Linear Technology Corporation

5867.371 US1	Utility - ORG	12/624,85 4	METHOD AND SYSTEM FOR IMPROVED PHASE NOISE IN A BICMOS CLOCK DRIVER	Nov 24, 2009	Issued	Jun 28, 2011	7,969,189	Linear Technology Holding LLC	Linear Technology Corporation
5867.372 US1	Utility - ORG	13/204,32 7	I2C ISOLATED, BIDIRECTIONAL COMMUNICATI ON SYSTEM WITH ISOLATED DOMAIN CURRENT SOURCE PULL- UPS	Aug 5, 2011	Issued	Feb 9, 2016	9,256,570	Linear Technology Holding LLC	Linear Technology Corporation
5867.373 US1	Utility - ORG	10/798,54 7	FLOATING GATE NONVOLATILE MEMORY CIRCUITS AND METHODS	Mar 10, 2004	Issued	Nov 1, 2005	6,961,279	Linear Technology Holding LLC	Linear Technology Corporation
5867.374 US1	Utility - ORG	11/242,09 5	SWITCHING REGULATOR DUTY CYCLE CONTROL IN A FIXED FREQUENCY OPERATION	Oct 3, 2005	Issued	Jun 17, 2008	7,388,444	Linear Technology Holding LLC	Linear Technology Corporation

5867.374 WO1	Utility - ORG	PCT/US20 06/03079 8	SWITCHING REGULATOR DUTY CYCLE CONTROL IN A FIXED FREQUENCY OPERATION	Aug 7, 2006	Complete d			Linear Technology Holding LLC	Linear Technology Corporation
5867.375 US1	Utility - ORG	11/522,40 8	CIRCUIT AND METHODOLOGY FOR HIGH- SPEED, LOW- POWER SHIFTING	Sep 18, 2006	Issued	8,692,576	Apr 8, 2014	Linear Technology Holding LLC	Linear Technology Corporation
5867.376 US1	Utility - ORG	11/253,56 5	SQUARING CELL IMPLEMENTING TAIL CURRENT MULTIPLICATION	Oct 20, 2005	Issued	7,301,387	Nov 27, 2007	Linear Technology Holding LLC	Linear Technology Corporation
5867.378 US1	Utility - ORG	11/107,73 9	ADAPTIVE POWER CONTROL FOR HYSTERETIC REGULATORS	Apr 18, 2005	Issued	7,432,695	Oct 7, 2008	Linear Technology Holding LLC	Linear Technology Corporation
5867.379 US1	Utility - ORG	09/564,59 7	HIGH VOLTAGE MOS TRANSISTOR WITH UP-RETRO WELL	May 3, 2000	Issued	6,528,850	Mar 4, 2003	Linear Technology Holding LLC	Linear Technology Corporation
5867.379 US2	Utility - DIV	10/345,46 7	HIGH VOLTAGE MOS TRANSISTOR WITH UP-RETRO WELL	Jan 14, 2003	Issued	6,768,173	Jul 27, 2004	Linear Technology Holding LLC	Linear Technology Corporation

5867.379 US3	Utility - CON	10/858,61 9	HIGH VOLTAGE MOS TRANSISTOR WITH UP-RETRO WELL BY PROVIDING DOPANT IN AN EPITAXIAL LAYER	Jun 1, 2004	Issued	Jan 24, 2006	6,989,309	Linear Technology Holding LLC	Linear Technology Corporation
5867.380 US1	Utility - ORG	11/520,01 8	CONSTANT POWER FOLDBACK MECHANISM PROGRAMMABLE E TO APPROXIMATE SAFE OPERATING AREA OF PASS DEVICE FOR PROVIDING CONNECTION TO LOAD	Sep 13, 2006	Issued	May 26, 2009	7,538,528	Linear Technology Holding LLC	Linear Technology Corporation
5867.381 US1	Utility - ORG	12/437,27 3	METHOD AND SYSTEM FOR HIGH EFFICIENCY, FAST TRANSIENT MULTI-CHANNEL LED DRIVER	May 7, 2009	Issued	Nov 15, 2011	8,058,810	Linear Technology Holding LLC	Linear Technology Corporation

5867.382 US1	Utility - NPREG	11/334,45 6	SYSTEM FOR PROVIDING POWER OVER COMMUNICATION CABLE HAVING MECHANISM FOR DETERMINING RESISTANCE OF COMMUNICATION CABLE	Jan 19, 2006	Issued	Mar 31, 2009	7,511,515	Linear Technology Holding LLC	Linear Technology Corporation
5867.383 US1	Utility - ORG	12/561,91 2	FEEDBACK CONTROL OF A DC/DC POWER CONVERTER	Sep 17, 2009	Issued	Nov 19, 2013	8,587,274	Linear Technology Holding LLC	Linear Technology Corporation
5867.384 US1	Utility - ORG	12/275,12 9	ACCELERATED RESPONSE TO LOAD TRANSIENTS IN PFM DC-TO-DC CONVERTERS	Nov 20, 2008	Issued	Oct 4, 2011	8,030,907	Linear Technology Holding LLC	Linear Technology Corporation
5867.385 US1	Utility - ORG	12/332,27 8	LINEARITY IN LED DIMMER CONTROL	Dec 10, 2008	Issued	Jan 3, 2012	8,089,216	Linear Technology Holding LLC	Linear Technology Corporation
5867.386 US1	Utility - CIP	11/152,02 5	LOW-POWER AUTONOMOUS NODE FOR MESH COMMUNICATION NETWORK	Jun 13, 2005	Issued	Nov 15, 2011	8,059,629	Linear Technology Holding LLC	Linear Technology Corporation

5867.387 US1	Utility - CIP	11/152,04 3	DIGRAPH NETWORK SUPERFRAMES	Jun 13, 2005	Issued	Sep 2, 2008	7,420,980	Linear Technology Holding LLC	Linear Technology Corporation
5867.387 US2	Utility - CON	12/220,49 3	DIGRAPH NETWORK SUPERFRAMES	Jul 25, 2008	Issued	Jan 18, 2011	7,873,043	Linear Technology Holding LLC	Linear Technology Corporation
5867.388 US1	Utility - CIP	11/152,02 6	DIGRAPH NETWORK SUBNETWORKS	Jun 13, 2005	Issued	Jun 14, 2011	7,961,664	Linear Technology Holding LLC	Linear Technology Corporation
5867.392 US1	Utility - ORG	08/723,57 5	LOW DROP-OUT SWITCHING REGULATOR ARCHITECTURE	Sep 30, 1996	Issued	Jan 6, 1998	5,705,919	Linear Technology Holding LLC	Linear Technology Corporation
5867.393 US1	Utility - ORG	11/499,72 6	REGULATOR FOR ISOLATED FLYBACK POWER SUPPLY USING PRIMARY SIDE SENSING	Aug 7, 2006	Issued	Dec 9, 2008	7,463,497	Linear Technology Holding LLC	Linear Technology Corporation
5867.394 US1	Utility - ORG	12/349,64 1	SWITCHING MODE CONVERTERS	Jan 7, 2009	Issued	Jun 19, 2012	8,203,320	Linear Technology Holding LLC	Linear Technology Corporation
5867.395 US1	Utility - ORG	11/102,86 8	CONFIGURABLE DATA PORT FOR I2C OR SINGLE- WIRE BROADCAST INTERFACE	Apr 11, 2005	Issued	Jul 24, 2012	8,230,151	Linear Technology Holding LLC	Linear Technology Corporation

5867.396 US1	Utility - ORG	11/201,43 0	SWITCHING REGULATOR WITH SLOPE COMPENSATION INDEPENDENT OF CHANGES IN SWITCHING FREQUENCY	Aug 11, 2005	Issued	Mar 11, 2008	7,342,392	Linear Technology Holding LLC	Linear Technology Corporation
5867.397 US1	Utility - ORG	09/827,87 2	CIRCUITS AND METHODS FOR SYNCHRONIZING NON-CONSTANT FREQUENCY SWITCHING REGULATORS WITH A PHASE LOCKED LOOP	Apr 6, 2001	Issued	Nov 5, 2002	6,476,589	Linear Technology Holding LLC	Linear Technology Corporation
5867.397 US2	Utility - CON	10/197,35 7	CIRCUITS AND METHODS FOR SYNCHRONIZING NON-CONSTANT FREQUENCY SWITCHING REGULATORS WITH A PHASE LOCKED LOOP	Jul 15, 2002	Issued	Aug 10, 2004	6,774,611	Linear Technology Holding LLC	Linear Technology Corporation

5867.397 US3	Utility - CON	10/883,89 2	CIRCUITS AND METHODS FOR SYNCHRONIZING NON-CONSTANT FREQUENCY SWITCHING REGULATORS WITH A PHASE LOCKED LOOP	Jul 2, 2004	Issued	Mar 28, 2006	7,019,497	Linear Technology Holding LLC	Linear Technology Corporation
5867.399 US1	Utility - ORG	13/155,97 1	SYSTEM AND METHODS TO IMPROVE THE PERFORMANCE OF SEMICONDUCTO R BASED SAMPLING SYSTEM	Jun 8, 2011	Issued	Apr 15, 2014	8,698,522	Linear Technology Holding LLC	Linear Technology Corporation
5867.400 US1	Utility - ORG	12/413,24 7	AVERAGE INDUCTOR CURRENT MODE SWITCHING CONVERTERS	Mar 27, 2009	Issued	Feb 21, 2012	8,120,335	Linear Technology Holding LLC	Linear Technology Corporation
5867.401 US1	Utility - ORG	11/802,96 0	ADVANCED CURRENT-MODE CONTROL FOR SWITCHED REGULATORS	May 29, 2007	Issued	Oct 12, 2010	7,812,585	Linear Technology Holding LLC	Linear Technology Corporation

5867.402 US1	Utility - ORG	12/147,32 8	SINGLE PASS INL TRIM ALGORITHM FOR NETWORKS	Jun 26, 2008	Issued	Mar 2, 2010	7,671,770	Linear Technology Holding LLC	Linear Technology Corporation
5867.403 US1	Utility - NPREG	11/444,43 5	POWER MANAGEMENT MECHANISM IN SYSTEM FOR SUPPLYING POWER OVER COMMUNICATI ON LINK	Jun 1, 2006	Issued	Oct 12, 2010	7,814,340	Linear Technology Holding LLC	Linear Technology Corporation
5867.405 US1	Utility - ORG	09/736,06 8	RMS-TO-DC CONVERTER WITH FAULT DETECTION AND RECOVERY	Dec 13, 2000	Issued	Feb 4, 2003	6,516,291	Linear Technology Holding LLC	Linear Technology Corporation
5867.405 US2	Utility - DIV	10/324,62 9	RMS-TO-DC CONVERTER WITH FAULT DETECTION AND RECOVERY	Dec 20, 2002	Issued	Nov 18, 2003	6,651,036	Linear Technology Holding LLC	Linear Technology Corporation
5867.406 US1	Utility - NPREG	11/334,73 3	CONTROLLING POWER DISTRIBUTION AMONG MULTIPLE WIRES IN COMMUNICATI ON CABLE	Jan 19, 2006	Issued	Nov 2, 2010	7,827,418	Linear Technology Holding LLC	Linear Technology Corporation

5867.408 US1	Utility - NPREG	11/227,28 9	POWER SOURCING EQUIPMENT HAVING AUTO- ZERO CIRCUIT FOR DETERMINING AND CONTROLLING OUTPUT CURRENT	Sep 16, 2005	Issued	Dec 29, 2009	7,639,469	Linear Technology Holding LLC	Linear Technology Corporation
5867.409 US1	Utility - ORG	11/206,07 0	WIDEBAND SQUARING CELL	Aug 18, 2005	Issued	Sep 11, 2007	7,268,608	Linear Technology Holding LLC	Linear Technology Corporation
5867.410 US1	Utility - ORG	10/981,48 8	SWITCH-MODE POWER SUPPLY VOLTAGE REGULATOR AND METHODOLOGY	Nov 5, 2004	Lapsed	Apr 3, 2007	7,199,560	Linear Technology Holding LLC	Linear Technology Corporation
5867.411 US1	Utility - ORG	10/895,09 5	FLASHLESS LEAD FRAME WITH HORIZONTAL SINGULATION	Jul 21, 2004	Issued	Dec 26, 2006	7,154,165	Linear Technology Holding LLC	Linear Technology Corporation
5867.411 US2	Utility - DIV	11/500,35 9	FLASHLESS LEAD FRAME WITH HORIZONTAL SINGULATION	Aug 8, 2006	Issued	Aug 19, 2008	7,414,302	Linear Technology Holding LLC	Linear Technology Corporation

5867.412 US1	Utility - ORG	10/891,10 8	CMOS DRIVER WITH MINIMUM SHOOT- THROUGH CURRENT	Jul 15, 2004	Issued	Apr 24, 2007	7,208,984	Linear Technology Holding LLC	Linear Technology Corporation
5867.412 US2	Utility - DIV	11/304,82 0	CMOS DRIVER WITH MINIMUM SHOOT- THROUGH CURRENT	Dec 16, 2005	Issued	Sep 4, 2007	7,265,591	Linear Technology Holding LLC	Linear Technology Corporation
5867.413 US1	Utility - ORG	12/405,28 2	BIDIRECTIONAL POWER CONVERTERS	Mar 17, 2009	Issued	Sep 17, 2013	8,536,840	Linear Technology Holding LLC	Linear Technology Corporation
5867.414 US1	Utility - ORG	10/992,94 5	SYSTEM AND METHOD FOR TRANSFERRING DUTY CYCLE INFORMATION IN AN ISOLATED DC/DC CONVERTER OR OTHER CIRCUIT	Nov 22, 2004	Issued	Apr 3, 2007	7,200,014	Linear Technology Holding LLC	Linear Technology Corporation
5867.415 US1	Utility - ORG	11/102,86 3	HOT SWAP INPUT CURRENT CONTROL SYSTEM WITH SOFT START CIRCUIT AND METHOD	Apr 11, 2005	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation

5867.416 US2	Utility - CON	12/723,84 1	INRUSH CURRENT CONTROL SYSTEM WITH SOFT START CIRCUIT AND METHOD	Mar 15, 2010	Issued	Jun 5, 2012	8,194,379	Linear Technology Holding LLC	Linear Technology Corporation
5867.417 US1	Utility - ORG	13/024,59 1	CIRCUITS FOR AND METHODS OF ACCURATELY MEASURING TEMPERATURE OF SEMICONDUCTOR JUNCTIONS	Feb 10, 2011	Issued	Aug 25, 2015	9,116,048	Linear Technology Holding LLC	Linear Technology Corporation
5867.418 US1	Utility - ORG	11/634,11 3	SQUARE CELL HAVING WIDE DYNAMIC RANGE AND POWER DETECTOR IMPLEMENTING SAME	Dec 6, 2006	Issued	Nov 24, 2009	7,622,981	Linear Technology Holding LLC	Linear Technology Corporation
5867.419 US1	Utility - NPREG	11/252,58 5	ALLOGENIC CELLULAR IMMUNOTHERA PY FOR OPPORTUNISTIC INFECTIOIN	Oct 19, 2005	Issued	Jun 12, 2007	7,230,412	Linear Technology Holding LLC	Linear Technology Corporation

5867.419 WO1	Utility - ORG	PCT/US20 06/00034 0	DISTINGUISHING NETWORK INTERFACE CARD FROM SHORT CIRCUIT CONDITION IN POWER OVER ETHERNET SYSTEM	Jan 9, 2006	Complete d			Linear Technology Holding LLC	Linear Technology Corporation
5867.420 US1	Utility - ORG	10/835,69 3	METHODS AND CIRCUITS FOR FREQUENCY MODULATION THAT REDUCE THE SPECTRAL NOISE OF SWITCHING REGULATORS	Apr 29, 2004	Issued	Apr 22, 2008	7,362,191	Linear Technology Holding LLC	Linear Technology Corporation
5867.421 US1	Utility - ORG	11/282,99 2	SWITCHING REGULATOR SLOPE COMPENSATION GENERATOR CIRCUIT	Nov 17, 2005	Issued	May 27, 2008	7,378,822	Linear Technology Holding LLC	Linear Technology Corporation
5867.421 WO1	Utility - ORG	PCT/US20 06/03079 7	SWITCHING REGULATOR SLOPE COMPENSATION GENERATOR CIRCUIT	Aug 7, 2006	Complete d			Linear Technology Holding LLC	Linear Technology Corporation

5867.422 US1	Utility - ORG	11/671,62 8	SYSTEMS AND METHODS FOR SWITCH RESISTANCE CONTROL IN DIGITAL TO ANALOG CONVERTERS (DACS)	Feb 6, 2007	Issued	Dec 29, 2009	7,639,168	Linear Technology Holding LLC	Linear Technology Corporation
5867.423 US1	Utility - ORG	11/671,66 6	SYSTEMS AND METHODS FOR PROVIDING COMPACT DIGITALLY CONTROLLED TRIM OF MULTI- SEGMENT CIRCUITS	Feb 6, 2007	Issued	Dec 23, 2008	7,468,686	Linear Technology Holding LLC	Linear Technology Corporation
5867.424 US1	Utility - ORG	10/270,79 9	BIDIRECTIONAL POWER CONVERSION WITH MULTIPLE CONTROL LOOPS	Oct 11, 2002	Issued	May 17, 2005	6,894,461	Linear Technology Holding LLC	Linear Technology Corporation
5867.424 US2	Utility - DIV	11/114,26 7	BIDIRECTIONAL POWER CONVERSION WITH MULTIPLE CONTROL LOOPS	Apr 25, 2005	Issued	Mar 25, 2008	7,348,767	Linear Technology Holding LLC	Linear Technology Corporation

5867.424 US3	Utility - DIV	12/076,30 2	BIDIRECTIONAL POWER CONVERSION WITH MULTIPLE CONTROL LOOPS	Mar 17, 2008	Issued	May 26, 2009	7,538,532	Linear Technology Holding LLC	Linear Technology Corporation
5867.425 US1	Utility - ORG	11/717,64 7	FEEDBACK CIRCUITRY AND METHODOLOGY FOR SWITCHING CIRCUIT CAPABLE OF GENERATING BOTH POSITIVE AND NEGATIVE OUTPUT VOLTAGES	Mar 14, 2007	Issued	Nov 2, 2010	7,825,665	Linear Technology Holding LLC	Linear Technology Corporation
5867.427 US1	Utility - ORG	10/440,08 0	GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER	May 15, 2003	Issued	Aug 30, 2005	6,937,178	Linear Technology Holding LLC	Linear Technology Corporation
5867.427 US2	Utility - CON	11/101,94 4	GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER	Apr 8, 2005	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation

5867.427 US3	Utility - CON	11/284,619	GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER	Nov 21, 2005	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation
5867.427 US4	Utility - CON	11/487,143	GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER	Jul 13, 2006	Issued	7,532,140	May 12, 2009	Linear Technology Holding LLC	Linear Technology Corporation
5867.428 US1	Utility - CIP	11/704,441	GRADIENT INSENSITIVE SPLIT-CORE DIGITAL TO ANALOG CONVERTER	Feb 8, 2007	Issued	7,414,561	Aug 19, 2008	Linear Technology Holding LLC	Linear Technology Corporation
5867.429 US1	Utility - ORG	09/536,266	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY IN A BUCK-BOOST SWITCHING REGULATOR	Mar 27, 2000	Issued	6,166,527	Dec 26, 2000	Linear Technology Holding LLC	Linear Technology Corporation

5867.430 US1	Utility - ORG	10/243,52 6	ADJUSTABLE MINIMUM PEAK INDUCTOR CURRENT LEVEL FOR BURST MODE IN CURRENT-MODE DC-DC REGULATORS	Sep 12, 2002	Issued	Apr 20, 2004	6,724,174	Linear Technology Holding LLC	Linear Technology Corporation
5867.430 USR	Utility - REIS	11/409,54 9	ADJUSTABLE MINIMUM PEAK INDUCTOR CURRENT LEVEL FOR BURST MODE IN CURRENT-MODE DC-DC REGULATORS	Apr 20, 2006	Issued	Dec 15, 2009	RE41,037	Linear Technology Holding LLC	Linear Technology Corporation
5867.431 US1	Utility - ORG	08/007,10 8	DIGITAL TO ANALOG CONVERTER	Jan 21, 1993	Issued	Mar 7, 1995	5,396,245	Linear Technology Holding LLC	Linear Technology Corporation
5867.432 US1	Utility - NPREG	11/506,77 9	COMBINATION OF HIGH-SIDE AND LOW-SIDE CURRENT CONTROL IN SYSTEM FOR PROVIDING POWER OVER COMMUNICATI ON LINK	Aug 21, 2006	Issued	Apr 20, 2010	7,702,302	Linear Technology Holding LLC	Linear Technology Corporation

5867.433 US1	Utility - ORG	11/522,40 9	REDUCING OSCILLATIONS IN SYSTEM WITH FOLDBACK CURRENT LIMIT WHEN INDUCTIVE LOAD IS CONNECTED	Sep 18, 2006	Issued	Dec 16, 2008	7,466,039	Linear Technology Holding LLC	Linear Technology Corporation
5867.434 US1	Utility - ORG	11/493,65 4	CLASS AB FOLDED- CASCODE AMPLIFIER HAVING CASCODE COMPENSATION	Jul 27, 2006	Issued	Aug 19, 2008	7,414,473	Linear Technology Holding LLC	Linear Technology Corporation
5867.435 US1	Utility - CIP	12/174,10 2	CLASS AB FOLDED- CASCODE AMPLIFIER HAVING CASCODE COMPENSATION	Jul 16, 2008	Issued	Dec 29, 2009	7,639,078	Linear Technology Holding LLC	Linear Technology Corporation
5867.437 US1	Utility - CIP	12/338,23 5	POWER MEASUREMENT CIRCUIT	Dec 18, 2008	Issued	Nov 1, 2011	8,049,487	Linear Technology Holding LLC	Linear Technology Corporation
5867.438 US1	Utility - ORG	10/618,06 6	LOW VOLTAGE HIGH GAIN AMPLIFIER CIRCUITS	Jul 11, 2003	Issued	May 10, 2005	6,891,433	Linear Technology Holding LLC	Linear Technology Corporation

5867.439 US1	Utility - ORG	10/637,71 4	LOW-VOLTAGE PRE-DISTORTION CIRCUIT FOR LINEAR-IN-DB VARIABLE-GAIN CELLS	Aug 8, 2003	Issued	Dec 27, 2005	6,980,052	Linear Technology Holding LLC	Linear Technology Corporation
5867.440 US1	Utility - ORG	10/637,74 7	LOW-VOLTAGE HIGH DYNAMIC RANGE VARIABLE-GAIN AMPLIFIER	Aug 8, 2003	Issued	Dec 6, 2005	6,972,624	Linear Technology Holding LLC	Linear Technology Corporation
5867.441 US1	Utility - ORG	11/483,42 0	RANGE COMPRESSION IN OVERSAMPLING ANALOG-TO- DIGITAL CONVERTERS	Jul 7, 2006	Issued	Mar 25, 2008	7,348,907	Linear Technology Holding LLC	Linear Technology Corporation
5867.443 US1	Utility - ORG	12/396,15 1	BOOTSTRAPPED SWITCH FOR SAMPLING VOLTAGES BEYOND THE SUPPLY VOLTAGE	Mar 2, 2009	Issued	May 10, 2011	7,940,091	Linear Technology Holding LLC	Linear Technology Corporation
5867.444 US1	Utility - ORG	10/087,88 1	HIGH VOLTAGE TRANSISTORS WITH GRADED EXTENSION	Feb 28, 2002	Issued	Jan 13, 2004	6,677,210	Linear Technology Holding LLC	Linear Technology Corporation

5867.444 US2	Utility - DIV	10/683,92 2	HIGH VOLTAGE TRANSISTORS WITH GRADED EXTENSION	Oct 10, 2003	Issued	May 3, 2005	6,888,207	Linear Technology Holding LLC	Linear Technology Corporation
5867.445 US1	Utility - ORG	11/681,58 1	METHOD TO CONTROL THE OUTPUT COMMON MODE IN A DIFFERENTIAL OPAMP WITH RAIL-TO-RAIL INPUT STAGE	Mar 2, 2007	Issued	May 12, 2009	7,532,072	Linear Technology Holding LLC	Linear Technology Corporation
5867.446 US1	Utility - ORG	11/850,49 4	MULTIPLE OUTPUT AMPLIFIERS AND COMPARATORS	Sep 5, 2007	Issued	Sep 28, 2010	7,804,286	Linear Technology Holding LLC	Linear Technology Corporation
5867.447 PRV	Prov - ORG	61/292,66 0	CONTROLLING POWER RECEIVED THROUGH MULTIPLE BUS INTERFACES IN A PORTABLE COMPUTING DEVICE	Jan 6, 2010	Expired			Linear Technology Holding LLC	Linear Technology Corporation

5867.447 US1	Utility - NPREG	12/950,490	CONTROLLING POWER RECEIVED THROUGH MULTIPLE BUS INTERFACES IN A PORTABLE COMPUTING DEVICE	Nov 19, 2010	Issued	Apr 8, 2014	8,694,803	Linear Technology Holding LLC	Linear Technology Corporation
5867.448 US1	Utility - ORG	12/577,358	METHOD AND SYSTEM FOR COMMUNICATING MULTIPLE DATA SIGNALS OVER A SINGLE UNIDIRECTIONAL ISOLATION COMPONENT	Oct 12, 2009	Issued	May 8, 2012	8,175,087	Linear Technology Holding LLC	Linear Technology Corporation
5867.449 US1	Utility - ORG	07/050,896	CHARGE PUMP CIRCUITRY HAVING LOW SATURATION VOLTAGE AND CURRENT-LIMITED SWITCH	May 15, 1987	Issued	Mar 14, 1989	4,812,961	Linear Technology Holding LLC	Linear Technology Corporation
5867.451 US1	Utility - ORG	11/651,921	PROVIDING LOW AVERAGE LATENCY COMMUNICATION IN WIRELESS MESH NETWORKS	Jan 9, 2007	Issued	Aug 31, 2010	7,787,427	Linear Technology Holding LLC	Linear Technology Corporation

5867.452 US1	Utility - ORG	12/332,29 9	DIMMER- CONTROLLED LEDS USING FLYBACK CONVERTER WITH HIGH POWER FACTOR	Dec 10, 2008	Issued	Apr 8, 2014	8,692,481	Linear Technology Holding LLC	Linear Technology Corporation
5867.454 US1	Utility - ORG	12/431,34 9	ANALOG SAMPLER WITH REDUCED INPUT CURRENT	Apr 28, 2009	Issued	Nov 27, 2012	8,319,527	Linear Technology Holding LLC	Linear Technology Corporation
5867.455 US1	Utility - NPREG	11/406,33 4	POWER SOURCING EQUIPMENT HAVING BIPOLAR JUNCTION TRANSISTOR FOR CONTROLLING POWER SUPPLY AND SUPPORTING AC DISCONNECT- DETECTION FUNCTION	Apr 19, 2006	Issued	Sep 6, 2011	8,014,412	Linear Technology Holding LLC	Linear Technology Corporation
5867.456 US1	Utility - ORG	12/378,77 3	LOCALIZATION IN A NETWORK	Feb 18, 2009	Issued	Jan 24, 2012	8,102,784	Linear Technology Holding LLC	Linear Technology Corporation

5867.456 US2	Utility - CON	13/330,75 8	LOCALIZATION IN A NETWORK	Dec 20, 2011	Issued	Oct 29, 2013	8,570,904	Linear Technology Holding LLC	Linear Technology Corporation
5867.457 US1	Utility - ORG	12/148,41 1	DEMODULATOR FOR A LOW POWER RADIO RECEIVER	Apr 18, 2008	Issued	Mar 1, 2011	7,898,322	Linear Technology Holding LLC	Linear Technology Corporation
5867.458 US1	Utility - ORG	12/616,99 6	METHOD AND SYSTEM FOR DEVELOPING LOW NOISE BANDGAP REFERENCES	Nov 12, 2009	Issued	Aug 13, 2013	8,508,211	Linear Technology Holding LLC	Linear Technology Corporation
5867.459 US1	Utility - ORG	12/489,18 4	ADJUSTABLE CURRENT LIMIT SWITCHING REGULATOR WITH CONSTANT LOOP GAIN	Jun 22, 2009	Issued	Jul 22, 2014	8,786,265	Linear Technology Holding LLC	Linear Technology Corporation
5867.460 US1	Utility - ORG	12/275,11 4	DYNAMICALLY- COMPENSATED CONTROLLER	Nov 20, 2008	Issued	Mar 27, 2012	8,143,871	Linear Technology Holding LLC	Linear Technology Corporation
5867.461 US1	Utility - ORG	12/332,29 2	DIMMER CONTROL LEAKAGE PULL DOWN USING MAIN POWER DEVICE IN FLYBACK CONVERTER	Dec 10, 2008	Issued	Sep 6, 2011	8,013,544	Linear Technology Holding LLC	Linear Technology Corporation

5867.462 US1	Utility - ORG	12/350,53 2	EXTENDING INPUT TO OUTPUT VOLTAGE RANGE IN MULTIPLE CHANNEL SWITCHING REGULATOR APPLICATIONS	Jan 8, 2009	Issued	Nov 27, 2012	8,319,485	Linear Technology Holding LLC	Linear Technology Corporation
5867.463 US1	Utility - ORG	12/068,97 0	METHOD AND SYSTEM FOR DETERMINING A CLOCK INPUT MODE	Feb 13, 2008	Issued	Feb 2, 2010	7,656,216	Linear Technology Holding LLC	Linear Technology Corporation
5867.464 US1	Utility - ORG	11/671,64 6	SYSTEMS AND METHODS FOR REDUCING TRANSIENT ERRORS ON DIGITAL TO ANALOG CONVERTERS (DACs) DEGLITCHER	Feb 6, 2007	Issued	May 20, 2008	7,375,671	Linear Technology Holding LLC	Linear Technology Corporation
5867.465 US1	Utility - ORG	11/607,89 9	SAWTOOTH OSCILLATOR HAVING CONTROLLED ENDPOINTS AND METHODOLOGY THEREFOR	Dec 4, 2006	Issued	Sep 1, 2009	7,583,113	Linear Technology Holding LLC	Linear Technology Corporation

5867.466 US1	Utility - ORG	09/185,14 4	SYNCHRONOUS RECTIFIER FOR BOOST CONVERTERS	Nov 3, 1998	Issued	Nov 30, 1999	5,994,882	Linear Technology Holding LLC	Linear Technology Corporation
5867.467 US1	Utility - ORG	09/176,39 7	PIPELINED SUCCESSIVE APPROXIMATIO N ANALOG-TO- DIGITAL CONVERTERS	Oct 21, 1998	Issued	Sep 26, 2000	6,124,818	Linear Technology Holding LLC	Linear Technology Corporation
5867.468 US1	Utility - ORG	11/316,99 3	SWITCHED CONVERTER WITH VARIABLE PEAK CURRENT AND VARIABLE OFF-TIME CONTROL	Dec 27, 2005	Issued	May 5, 2009	7,528,587	Linear Technology Holding LLC	Linear Technology Corporation
5867.469 US1	Utility - NPREG	11/253,08 2	ANALOG SIGNAL SAMPLING SYSTEM AND METHOD HAVING REDUCED AVERAGE DIFFERENTIAL INPUT CURRENT	Oct 17, 2005	Issued	Aug 15, 2006	7,091,896	Linear Technology Holding LLC	Linear Technology Corporation

5867.469 WO1	Utility - ORG	PCT/US20 05/03718 6	ANALOG SIGNAL SAMPLING SYSTEM AND METHOD HAVING REDUCED AVERAGE DIFFERENTIAL INPUT CURRENT	Oct 17, 2005	Complete d			Linear Technology Holding LLC	Linear Technology Corporation
5867.471 US1	Utility - ORG	11/783,95 7	DETERMINING AVERAGE OUTPUT CURRENT IN DC- DC CONVERTER	Apr 13, 2007	Issued	Sep 14, 2010	7,795,846	Linear Technology Holding LLC	Linear Technology Corporation
5867.472 US1	Utility - ORG	09/240,26 1	CONTROL FEATURE FOR IC WITHOUT USING A DEDICATED PIN	Jan 29, 1999	Issued	May 8, 2001	6,229,385	Linear Technology Holding LLC	Linear Technology Corporation
5867.473 US1	Utility - ORG	11/717,12 6	METHOD AND APPARATUS FOR MEASURING THE VOLTAGE OF A POWER SOURCE	Mar 13, 2007	Issued	Nov 24, 2009	7,622,893	Linear Technology Holding LLC	Linear Technology Corporation

5867.474 US1	Utility - ORG	11/812,417	SWITCHING BATTERY CHARGER WITH PROGRAMMABLE CURRENT CONTROL AND POWER CONTROL	Jun 19, 2007	Issued	Aug 17, 2010	7,777,455	Linear Technology Holding LLC	Linear Technology Corporation
5867.475 US1	Utility - ORG	12/287,598	SYSTEMS AND METHODS FOR CHARACTERIZING COMPONENT RATIOS AND GENERATING A DIGITAL REPRESENTATION OF SAME	Oct 10, 2008	Issued	Apr 27, 2010	7,705,765	Linear Technology Holding LLC	Linear Technology Corporation
5867.476 US1	Utility - ORG	11/473,331	HIGH LINEARITY LOW NOISE VARIABLE GAIN AMPLIFIER WITH CONTINUOUS GAIN CONTROL	Jun 23, 2006	Issued	Jan 8, 2008	7,317,357	Linear Technology Holding LLC	Linear Technology Corporation

5867.477 US1	Utility - ORG	11/219,72 2	PEAK CHARGING CURRENT MODULATION FOR BURST MODE CONVERSION	Sep 7, 2005	Issued	Feb 22, 2011	7,893,665	Linear Technology Holding LLC	Linear Technology Corporation
5867.478 US1	Utility - ORG	11/523,56 1	NON- PERTURBING POWER SUPPLY MARGIN CONTROLLER	Sep 20, 2006	Issued	Jun 3, 2008	7,382,303	Linear Technology Holding LLC	Linear Technology Corporation
5867.479 US1	Utility - ORG	11/524,19 7	COMMON MODE REJECTION RATIO TRIM CIRCUIT AND METHODOLOGY	Sep 21, 2006	Issued	Jun 16, 2009	7,548,115	Linear Technology Holding LLC	Linear Technology Corporation
5867.480 US1	Utility - ORG	11/476,12 8	MULTI-INPUT POWER SUPPLY SUPERVISOR	Jun 28, 2006	Issued	May 4, 2010	7,711,971	Linear Technology Holding LLC	Linear Technology Corporation
5867.481 US1	Utility - ORG	11/408,74 9	ADAPTIVE CURRENT REVERSAL COMPARATOR	Apr 21, 2006	Issued	Oct 9, 2007	7,279,877	Linear Technology Holding LLC	Linear Technology Corporation
5867.482 US1	Utility - ORG	11/351,35 6	SYSTEMS AND METHODS FOR REDUCING INPUT CURRENT IN PHOTOFASH CHARGERS	Feb 9, 2006	Issued	Mar 11, 2008	7,342,365	Linear Technology Holding LLC	Linear Technology Corporation

5867.483 US1	Utility - ORG	11/445,23 7	FOLDED CASCODE AMPLIFIER HAVING IMPROVED SLEW PERFORMANCE	Jun 2, 2006	Issued	Oct 28, 2008	7,443,237	Linear Technology Holding LLC	Linear Technology Corporation
5867.484 US1	Utility - ORG	11/101,63 8	CIRCUIT AND METHOD OF DETECTING AND RESOLVING STUCK I2C BUSES	Apr 8, 2005	Issued	Jan 13, 2009	7,478,286	Linear Technology Holding LLC	Linear Technology Corporation
5867.485 US1	Utility - ORG	11/444,40 0	BALANCING CURRENT DRAWN FROM MULTIPLE POWER SUPPLY INPUTS USING MULTIPLE-INPUT INDUCTORS	Jun 1, 2006	Issued	Jan 4, 2011	7,863,772	Linear Technology Holding LLC	Linear Technology Corporation
5867.486 US1	Utility - ORG	11/366,59 0	SPREAD SPECTRUM MODULATION OF A CLOCK SIGNAL FOR REDUCTION OF ELECTROMAGNE TIC INTERFERENCE	Mar 3, 2006	Issued	Aug 26, 2008	7,417,509	Linear Technology Holding LLC	Linear Technology Corporation

5867.487 US1	Utility - ORG	11/377,45 1	BANDGAP CURVATURE CORRECTION AND POST- PACKAGE TRIM IMPLEMENTED THEREWITH	Mar 17, 2006	Issued	Sep 2, 2008	7,420,359	Linear Technology Holding LLC	Linear Technology Corporation
5867.488 US1	Utility - ORG	11/348,36 7	SINGLE FEEDBACK INPUT FOR REGULATION AT BOTH POSITIVE AND NEGATIVE VOLTAGE LEVELS	Feb 7, 2006	Issued	Aug 25, 2009	7,579,816	Linear Technology Holding LLC	Linear Technology Corporation
5867.489 US1	Utility - ORG	11/499,00 5	CIRCUITS AND METHODS FOR ADJUSTABLE PEAK INDUCTOR CURRENT AND HYSTERESIS FOR BURST MODE IN SWITCHING REGULATORS	Aug 4, 2006	Issued	Aug 2, 2011	7,990,120	Linear Technology Holding LLC	Linear Technology Corporation
5867.490 US1	Utility - ORG	11/315,14 6	LEVEL SHIFT DELAY EQUALIZATION CIRCUIT AND METHODOLOGY	Dec 23, 2005	Issued	Jun 9, 2009	7,545,173	Linear Technology Holding LLC	Linear Technology Corporation

5867.491 US1	Utility - ORG	11/208,63 0	SINGLE-WIRE SEQUENCING TECHNIQUE	Aug 23, 2005	Issued	Jul 27, 2010	7,765,420	Linear Technology Holding LLC	Linear Technology Corporation
5867.492 US1	Utility - ORG	11/191,96 8	DUAL FET OUTPUT STAGE WITH CONTROLLED OUTPUT DV/DT FOR REDUCED EMI AND INPUT SUPPLY NOISE	Jul 29, 2005	Issued	Mar 31, 2009	7,511,390	Linear Technology Holding LLC	Linear Technology Corporation
5867.493 US1	Utility - ORG	11/183,96 0	POWER MANAGER AND POWER MANAGING METHOD FOR BATTERY- POWERED APPLICATION	Jul 19, 2005	Issued	May 4, 2010	7,710,079	Linear Technology Holding LLC	Linear Technology Corporation
5867.494 US1	Utility - ORG	11/180,55 6	SWITCHING REGULATOR WITH VARIABLE SLOPE COMPENSATION	Jul 14, 2005	Issued	Feb 2, 2010	7,656,142	Linear Technology Holding LLC	Linear Technology Corporation
5867.495 US1	Utility - ORG	11/131,33 8	SWITCHING REGULATOR OVER VOLTAGE REDUCTION CIRCUIT AND METHOD	May 18, 2005	Issued	Apr 14, 2009	7,518,351	Linear Technology Holding LLC	Linear Technology Corporation

5867.496 US1	Utility - ORG	11/102,87 6	CIRCUIT AND METHOD FOR CONTROLLING HYSTERESIS FOR BILEVEL SIGNAL TRANSITIONS	Apr 11, 2005	Issued	Jun 3, 2008	7,382,167	Linear Technology Holding LLC	Linear Technology Corporation
5867.497 US1	Utility - ORG	10/172,87 4	ULTRA- WIDEBAND CONSTANT GAIN CMOS AMPLIFIER	Jun 13, 2002	Issued	Dec 30, 2003	6,670,850	Linear Technology Holding LLC	Linear Technology Corporation
5867.497 US2	Utility - CON	10/613,42 0	ULTRA- WIDEBAND CONSTANT GAIN CMOS AMPLIFIER	Jul 3, 2003	Issued	Sep 20, 2005	6,946,914	Linear Technology Holding LLC	Linear Technology Corporation
5867.497 US3	Utility - CON	11/183,28 9	ULTRA- WIDEBAND CONSTANT GAIN CMOS AMPLIFIER	Jul 14, 2005	Issued	Oct 17, 2006	7,123,097	Linear Technology Holding LLC	Linear Technology Corporation
5867.497 US4	Utility - CON	11/518,02 7	ULTRA- WIDEBAND CONSTANT GAIN CMOS AMPLIFIER	Sep 8, 2006	Issued	Apr 10, 2007	7,202,748	Linear Technology Holding LLC	Linear Technology Corporation
5867.497 US5	Utility - CON	11/726,98 8	ULTRA- WIDEBAND CONSTANT GAIN CMOS AMPLIFIER	Mar 22, 2007	Issued	Mar 4, 2008	7,339,437	Linear Technology Holding LLC	Linear Technology Corporation

5867.498 US1	Utility - NPREG	11/252,56 5	HIGH-POWER FOLDBACK MECHANISM IN SYSTEM FOR PROVIDING POWER OVER COMMUNICATI ON LINK	Oct 19, 2005	Issued	Jun 30, 2009	7,554,783	Linear Technology Holding LLC	Linear Technology Corporation
5867.499 US1	Utility - CIP	11/375,57 8	CLASSIFICATION MECHANISM IN SYSTEM FOR SUPPLYING POWER OVER COMMUNICATI ON LINK	Mar 15, 2006	Issued	Mar 17, 2009	7,504,744	Linear Technology Holding LLC	Linear Technology Corporation
5867.500 US1	Utility - ORG	11/154,54 8	SYSTEM FOR CONTROLLING FREQUENCY OF OSCILLATOR	Jun 17, 2005	Issued	Jun 12, 2007	7,230,497	Linear Technology Holding LLC	Linear Technology Corporation
5867.501 US1	Utility - ORG	11/116,42 7	HIGH-LINEARITY DIFFERENTIAL AMPLIFIER WITH FLEXIBLE COMMON- MODE	Apr 28, 2005	Issued	May 8, 2007	7,215,200	Linear Technology Holding LLC	Linear Technology Corporation

5867.502 US1	Utility - ORG	11/142,47 7	NON-FEEDBACK IMPLEMENTED CONTROL OF THE OUTPUT- COMMON MODE OF A DIFFERENTIAL AMPLIFIER	Jun 2, 2005	Issued	Apr 29, 2008	7,365,600	Linear Technology Holding LLC	Linear Technology Corporation
5867.503 US1	Utility - ORG	11/052,47 3	LIGHT LOAD CURRENT-MODE CONTROL FOR SWITCHED STEP UP-STEP DOWN REGULATORS	Feb 8, 2005	Issued	Aug 14, 2007	7,256,570	Linear Technology Holding LLC	Linear Technology Corporation
5867.504 US1	Utility - ORG	11/038,04 1	COMPENSATION TECHNIQUE PROVIDING STABILITY OVER BROAD RANGE OF OUTPUT CAPACITOR VALUES	Jan 21, 2005	Issued	May 15, 2007	7,218,082	Linear Technology Holding LLC	Linear Technology Corporation
5867.505 US1	Utility - ORG	11/024,47 3	POWER MANAGEMENT CIRCUIT AND METHODOLOGY FOR BATTERY- POWERED	Dec 30, 2004	Issued	Jun 16, 2009	7,548,041	Linear Technology Holding LLC	Linear Technology Corporation

5867.506 US1	Utility - ORG	11/024,03 2	CURRENT CONTROL CIRCUITRY AND METHODOLOGY FOR CONTROLLING CURRENT FROM CURRENT CONSTRAINED SOURCE	Dec 29, 2004	Issued	Jun 8, 2010	7,733,061	Linear Technology Holding LLC	Linear Technology Corporation
5867.507 US1	Utility - ORG	11/052,10 4	VOLTAGE OFFSET MEASUREMENT FOR CALIBRATION OF AN INTEGRATED CIRCUIT AMPLIFIER	Feb 8, 2005	Issued	May 15, 2007	7,218,171	Linear Technology Holding LLC	Linear Technology Corporation
5867.508 US1	Utility - ORG	10/966,10 1	INRUSH CURRENT SLEW CONTROL CIRCUIT AND METHOD	Oct 18, 2004	Issued	Feb 12, 2008	7,330,065	Linear Technology Holding LLC	Linear Technology Corporation

5867.509 US1	Utility - ORG	10/880,52 7	METHOD OF FABRICATING A SEMICONDUCTO R DEVICE WITH MULTIPLE GATE OXIDE THICKNESSES	Jul 1, 2004	Issued	Jul 22, 2008	7,402,480	Linear Technology Holding LLC	Linear Technology Corporation
5867.510 US1	Utility - ORG	10/911,70 3	CIRCUITRY AND METHODOLOGY FOR DRIVING MULTIPLE LIGHT EMITTING DEVICES	Aug 5, 2004	Issued	Oct 15, 2013	8,558,760	Linear Technology Holding LLC	Linear Technology Corporation
5867.511 US1	Utility - ORG	11/012,17 9	METHOD OF AND SYSTEM FOR REGULATING OUTPUT VOLTAGE	Dec 16, 2004	Issued	May 1, 2007	7,212,012	Linear Technology Holding LLC	Linear Technology Corporation
5867.513 US1	Utility - ORG	09/169,52 4	METHODS AND APPARATUS FOR ACTIVELY SNUBBING WAVEFORMS IN SWITCHING REGULATIONS	Oct 9, 1998	Issued	Apr 18, 2000	6,051,963	Linear Technology Holding LLC	Linear Technology Corporation

5867.514 US1	Utility - ORG	09/113,61 8	CIRCUITS AND METHODS FOR PROVIDING RAIL- TO RAIL OUTPUT WITH HIGHLY LINEAR TRANSCONDUCT ANCE PERFORMANCE	Jul 10, 1998	Issued	Jul 24, 2001	6,265,929	Linear Technology Holding LLC	Linear Technology Corporation
5867.514 US2	Utility - DIV	09/573,61 9	CIRCUIT AND METHODS FOR GENERATING BIAS VOLTAGES TO CONTROL OUTPUT STAGE IDLE CURRENTS	May 17, 2000	Issued	Feb 13, 2001	6,188,269	Linear Technology Holding LLC	Linear Technology Corporation
5867.515 US1	Utility - ORG	09/114,38 4	POLYPHASE SYNCHRONOUS SWITCHING VOLTAGE REGULATORS	Jul 13, 1998	Issued	Nov 7, 2000	6,144,194	Linear Technology Holding LLC	Linear Technology Corporation
5867.516 US1	Utility - ORG	09/143,62 7	MONOLITHIC FILTER GAIN CONTROL CIRCUITS AND TECHNIQUES WITH FAVORABLE NOISE BEHAVIOR	Aug 28, 1998	Issued	Sep 19, 2000	6,121,908	Linear Technology Holding LLC	Linear Technology Corporation

5867.517 US1	Utility - ORG	09/152,860	CIRCUITS AND METHODS FOR MULTIPLE-INPUT, SINGLE-OUTPUT, LOW-DROPOUT VOLTAGE REGULATORS	Sep 14, 1998	Issued	Aug 1, 2000	6,097,178	Linear Technology Holding LLC	Linear Technology Corporation
5867.518 US1	Utility - ORG	09/395,804	CIRCUITS AND METHODS FOR DEVELOPING A REGULATED AUXILIARY OUTPUT WITH AN OVERWINDING ON A SYNCHRONOUS BUCK REGULATOR	Sep 14, 1999	Issued	Jul 11, 2000	6,087,817	Linear Technology Holding LLC	Linear Technology Corporation
5867.519 US1	Utility - ORG	09/179,534	HIGH-EFFICIENCY STEP-DOWN SWITCHING REGULATORS	Oct 27, 1998	Issued	Mar 7, 2000	6,034,517	Linear Technology Holding LLC	Linear Technology Corporation
5867.520 US1	Utility - ORG	09/240,102	IC WITH ENHANCED LOW VOLTAGE START-UP	Jan 29, 1999	Issued	Dec 19, 2000	6,163,494	Linear Technology Holding LLC	Linear Technology Corporation
5867.521 US1	Utility - ORG	08/228,478	HIGH-SPEED SWITCHING REGULATOR DRIVE CIRCUIT	Apr 15, 1994	Issued	Sep 30, 1997	5,672,988	Linear Technology Holding LLC	Linear Technology Corporation

5867.521 US2	Utility - CON	08/472,538	DUAL POLARITY VOLTAGE REGULATOR CIRCUITS AND METHODS FOR PROVIDING DUAL POLARITY VOLTAGE REGULATION	Jun 7, 1995	Issued	Dec 31, 1996	5,589,761	Linear Technology Holding LLC	Linear Technology Corporation
5867.523 US1	Utility - ORG	09/135,229	HARDWARE IMPLEMENTATI ON OF A DECIMATING FINITE IMPULSE RESPONSE FILTER	Aug 17, 1998	Issued	Aug 5, 2003	6,603,812	Linear Technology Holding LLC	Linear Technology Corporation
5867.524 US1	Utility - ORG	09/135,161	OVERSAMPLING DATA CONVERTER WITH GOOD REJECTION CAPABILITY	Aug 17, 1998	Issued	Jan 2, 2001	6,169,506	Linear Technology Holding LLC	Linear Technology Corporation
5867.525 US1	Utility - ORG	09/135,159	SINGLE-CYCLE OVERSAMPLING ANALOG-TO- DIGITAL CONVERTER	Aug 17, 1998	Issued	Mar 27, 2001	6,208,279	Linear Technology Holding LLC	Linear Technology Corporation

5867.526 US1	Utility - ORG	09/151,43 5	MONOLITHIC INTEGRATED CIRCUIT DIE HEATER AND METHODS FOR USING SAME	Sep 11, 1998	Issued	Apr 4, 2000	6,046,433	Linear Technology Holding LLC	Linear Technology Corporation
5867.527 US1	Utility - ORG	09/145,53 6	OPERATIONAL FILTER BUILDING BLOCK	Sep 2, 1998	Issued	Aug 7, 2001	6,271,719	Linear Technology Holding LLC	Linear Technology Corporation
5867.528 US1	Utility - CIP	09/305,13 2	OPERATIONAL FILTER BUILDING BLOCK	May 4, 1999	Issued	Aug 7, 2001	6,271,720	Linear Technology Holding LLC	Linear Technology Corporation
5867.529 US1	Utility - ORG	09/239,04 7	ERROR AMPLIFIER REFERENCE CIRCUIT	Jan 27, 1999	Issued	Nov 7, 2000	6,144,250	Linear Technology Holding LLC	Linear Technology Corporation
5867.530 US1	Utility - ORG	09/239,04 8	CURRENT GENERATOR CIRCUITRY WITH ZERO-CURRENT SHUTDOWN STATE	Jan 27, 1999	Issued	Sep 12, 2000	6,118,263	Linear Technology Holding LLC	Linear Technology Corporation
5867.531 US1	Utility - ORG	09/258,53 4	SUBSTANTIALLY SWITCH IMPEDANCE INSENSITIVE DIGITAL-TO- ANALOG CONVERTER	Feb 26, 1999	Issued	Jan 30, 2001	6,181,263	Linear Technology Holding LLC	Linear Technology Corporation

5867.532 US1	Utility - ORG	10/011,50 4	TIME-BASED CURRENT CONTROL IN SWITCHING REGULATORS	Nov 6, 2001	Issued	Jan 17, 2006	6,987,380	Linear Technology Holding LLC	Linear Technology Corporation
5867.532 US2	Utility - CON	11/244,88 7	TIME-BASED CURRENT CONTROL IN SWITCHING REGULATORS	Oct 5, 2005	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation
5867.533 US1	Utility - ORG	09/510,18 1	HIGH-SPEED, CURRENT- DRIVEN LATCH	Feb 22, 2000	Issued	Mar 18, 2003	6,535,042	Linear Technology Holding LLC	Linear Technology Corporation
5867.533 US2	Utility - DIV	10/350,67 0	HIGH-SPEED, CURRENT- DRIVEN LATCH	Jan 22, 2003	Issued	Jan 25, 2005	6,847,245	Linear Technology Holding LLC	Linear Technology Corporation
5867.533 US3	Utility - DIV	10/350,92 7	HIGH-SPEED, CURRENT- DRIVEN LATCH	Jan 22, 2003	Issued	Jun 15, 2004	6,750,690	Linear Technology Holding LLC	Linear Technology Corporation
5867.533 US4	Utility - DIV	10/761,75 3	HIGH-SPEED, CURRENT- DRIVEN LATCH	Jan 20, 2004	Issued	Feb 13, 2007	7,176,736	Linear Technology Holding LLC	Linear Technology Corporation
5867.533 US5	Utility - DIV	11/077,29 7	HIGH-SPEED, CURRENT- DRIVEN LATCH	Mar 10, 2005	Issued	Feb 6, 2007	7,173,465	Linear Technology Holding LLC	Linear Technology Corporation

5867.534 US1	Utility - ORG	09/390,17 8	PROGRAMMABLE E CONFIGURATION, LEVEL AND OUTPUT VOLTAGE RANGE CIRCUITS AND METHODS FOR SIGNAL PROCESSORS	Sep 7, 1999	Issued	Oct 30, 2001	6,310,567	Linear Technology Holding LLC	Linear Technology Corporation
5867.535 US1	Utility - CIP	09/932,51 8	CIRCUITS, SYSTEMS, AND METHODS FOR SIGNAL PROCESSORS THAT BUFFER A SIGNAL DEPENDENT CURRENT	Aug 17, 2001	Issued	Dec 10, 2002	6,492,924	Linear Technology Holding LLC	Linear Technology Corporation
5867.536 US1	Utility - ORG	09/617,17 9	SLOPE COMPENSATION CIRCUIT UTILIZING CMOS LINEAR EFFECTS	Jul 17, 2000	Issued	Feb 18, 2003	6,522,116	Linear Technology Holding LLC	Linear Technology Corporation
5867.537 US1	Utility - ORG	09/576,51 7	CANCELLATION OF SLOPE COMPENSATION EFFECT ON CURRENT LIMIT	May 23, 2000	Issued	Dec 24, 2002	6,498,466	Linear Technology Holding LLC	Linear Technology Corporation

5867.537 US2	Utility - CON	10/261,91 6	CANCELLATION OF SLOPE COMPENSATION EFFECT ON CURRENT LIMIT	Sep 30, 2002	Issued	Aug 26, 2003	6,611,131	Linear Technology Holding LLC	Linear Technology Corporation
5867.538 US1	Utility - ORG	09/397,62 9	LOAD- GENERATED DRIVE, SUBSTANTIALLY NO QUIESCENT CURRENT, TECHNIQUES AND CIRCUITS FOR HIGH SPEED SWITCHING OF TRANSISTORS	Sep 15, 1999	Issued	Mar 11, 2003	6,531,909	Linear Technology Holding LLC	Linear Technology Corporation
5867.538 US2	Utility - CON	10/350,55 2	LOAD- GENERATED DRIVE, SUBSTANTIALLY NO QUIESCENT CURRENT, TECHNIQUES AND CIRCUITS FOR HIGH SPEED SWITCHING OF TRANSISTORS	Jan 22, 2003	Issued	Mar 1, 2005	6,861,892	Linear Technology Holding LLC	Linear Technology Corporation

5867.538 US3	Utility - CON	11/040,35 7	LOAD- GENERATED DRIVE, NO QUIESCENT CURRENT, TECHNIQUES AND CIRCUITS FOR HIGH SPEED SWITCHING OF TRANSISTORS	Jan 21, 2005	Issued	Feb 6, 2007	7,173,474	Linear Technology Holding LLC	Linear Technology Corporation
5867.539 US1	Utility - ORG	09/544,83 7	LOW-VOLTAGE, CURRENT- FOLDED SIGNAL MODULATORS AND METHODS	Apr 6, 2000	Issued	Oct 9, 2001	6,300,845	Linear Technology Holding LLC	Linear Technology Corporation
5867.540 US1	Utility - ORG	09/721,14 0	HIGH- EFFICIENCY, LOW NOISE, INDUCTORLESS STEP-DOWN DC/DC CONVERTER	Nov 22, 2000	Issued	Aug 20, 2002	6,438,005	Linear Technology Holding LLC	Linear Technology Corporation
5867.541 US1	Utility - ORG	09/457,62 8	DYNAMIC ERROR COMPENSATION IN TRACK-AND- HOLD CIRCUITS	Dec 8, 1999	Issued	Aug 28, 2001	6,281,717	Linear Technology Holding LLC	Linear Technology Corporation

5867.542 US1	Utility - ORG	09/564,10 8	HIGH VOLTAGE MOS TRANSISTOR WITH GATE EXTENSION	May 3, 2000	Issued	Dec 10, 2002	6,492,678	Linear Technology Holding LLC	Linear Technology Corporation
5867.542 US2	Utility - DIV	10/272,68 8	HIGH VOLTAGE MOS TRANSISTOR WITH GATE EXTENSION	Oct 15, 2002	Issued	Sep 28, 2004	6,797,549	Linear Technology Holding LLC	Linear Technology Corporation
5867.542 US3	Utility - CON	10/878,70 3	HIGH VOLTAGE MOS TRANSISTOR WITH GATE EXTENSION	Jun 28, 2004	Issued	May 20, 2008	7,374,982	Linear Technology Holding LLC	Linear Technology Corporation
5867.543 US1	Utility - ORG	09/593,02 1	OVERSAMPLING ANALOG-TO- DIGITAL CONVERTER WITH IMPROVED DC OFFSET PERFORMANCE	Jun 13, 2000	Issued	Jun 25, 2002	6,411,242	Linear Technology Holding LLC	Linear Technology Corporation

5867.544 US1	Utility - ORG	08/036,04 7	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY OVER BROAD CURRENT RANGES IN A SWITCHING REGULATOR CIRCUIT	Mar 23, 1993	Issued	Jan 2, 1996	5,481,178	Linear Technology Holding LLC	Linear Technology Corporation
5867.544 US4	Utility - CON	08/799,46 7	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY OVER BROAD CURRENT RANGES IN A SWITCHING REGULATOR CIRCUIT	Feb 13, 1997	Issued	Mar 24, 1998	5,731,694	Linear Technology Holding LLC	Linear Technology Corporation

5867.544 US5	Utility - DIV	08/978,16 7	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY OVER BROAD CURRENT RANGES IN A SWITCHING REGULATOR CIRCUIT	Nov 25, 1997	Issued	Nov 30, 1999	5,994,885	Linear Technology Holding LLC	Linear Technology Corporation
5867.544 US6	Utility - CON	09/395,89 5	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY OVER BROAD CURRENT RANGES IN A SWITCHING REGULATOR CIRCUIT	Sep 14, 1999	Issued	Oct 16, 2001	6,304,066	Linear Technology Holding LLC	Linear Technology Corporation

5867.544 US7	Utility - CON	09/978,12 0	CONTROL CIRCUIT AND METHOD FOR MAINTAINING HIGH EFFICIENCY OVER BROAD CURRENT RANGES IN A SWITCHING REGULATOR CIRCUIT	Oct 15, 2001	Issued	Jun 17, 2003	6,580,258	Linear Technology Holding LLC	Linear Technology Corporation
5867.545 US1	Utility - ORG	09/677,15 8	MAINTAINING CONSTANT AMOUNT OF SLOPE COMPENSATION REGARDLESS OF SWITCHING FREQUENCY DURING SYNCHRONIZATI ON	Oct 2, 2000	Issued	Apr 9, 2002	6,369,665	Linear Technology Holding LLC	Linear Technology Corporation
5867.546 US1	Utility - ORG	09/537,02 7	DUAL INPUT, SINGLE OUTPUT POWER SUPPLY	Mar 28, 2000	Issued	Nov 21, 2000	6,150,803	Linear Technology Holding LLC	Linear Technology Corporation
5867.547 US1	Utility - ORG	09/503,54 9	POLYPHASE PWM REGULATOR WITH HIGH EFFICIENCY AT LIGHT LOADS	Feb 14, 2000	Issued	Oct 12, 2004	6,803,752	Linear Technology Holding LLC	Linear Technology Corporation

5867.547 US2	Utility - CON	09/920,46 3	POLYPHASE PWM CONVERTER WITH HIGH EFFICIENCY AT LIGHT LOADS	Aug 1, 2001	Issued	Jul 15, 2003	6,593,724	Linear Technology Holding LLC	Linear Technology Corporation
5867.547 US3	Utility - CON	09/995,70 1	POLYPHASE PWM CONVERTER WITH HIGH EFFICIENCY AT LIGHT LOADS	Nov 29, 2001	Issued	Oct 8, 2002	6,462,525	Linear Technology Holding LLC	Linear Technology Corporation
5867.548 US1	Utility - ORG	09/628,53 4	CIRCUITS AND METHODS FOR CONTROLLING LOAD SHARING BY MULTIPLE POWER SUPPLIES	Jul 31, 2000	Issued	Oct 15, 2002	6,465,909	Linear Technology Holding LLC	Linear Technology Corporation
5867.548 US2	Utility - CON	10/180,41 8	CIRCUITS AND METHODS FOR CONTROLLING LOAD SHARING BY MULTIPLE POWER SUPPLIES	Jun 24, 2002	Issued	Aug 19, 2003	6,608,402	Linear Technology Holding LLC	Linear Technology Corporation
5867.549 US1	Utility - ORG	09/713,90 8	ADAPTIVE FILTERING FOR IMPROVED RMS- TO-DC SIGNAL CONVERSION	Nov 16, 2000	Issued	Dec 31, 2002	6,501,329	Linear Technology Holding LLC	Linear Technology Corporation

5867.550 US1	Utility - ORG	10/394,33 5	CIRCUITS AND METHODS FOR PROVIDING MULTIPLE PHASE SWITCHING REGULATORS WHICH EMPLOY THE INPUT CAPACITOR VOLTAGE SIGNAL FOR CURRENT SENSING	Mar 19, 2003	Issued	Sep 6, 2005	6,940,261	Linear Technology Holding LLC	Linear Technology Corporation
5867.550 US2	Utility - CON	11/173,61 6	CIRCUITS AND METHODS FOR PROVIDING MULTIPLE PHASE SWITCHING REGULATORS WHICH EMPLOY THE INPUT CAPACITOR VOLTAGE SIGNAL FOR CURRENT SENSING	Jul 1, 2005	Issued	Jan 16, 2007	7,164,258	Linear Technology Holding LLC	Linear Technology Corporation

5867.551 US1	Utility - ORG	09/693,05 8	FLEXIBLE MONOLITHIC CONTINUOUS- TIME ANALOG LOW-PASS FILTER WITH MINIMAL CIRCULTRY	Oct 20, 2000	Issued	Feb 5, 2002	6,344,773	Linear Technology Holding LLC	Linear Technology Corporation
5867.552 US1	Utility - ORG	09/804,34 8	CMOS SWITCH WITH LINEARIZED GATE CAPACITANCE	Mar 12, 2001	Issued	Feb 18, 2003	6,522,187	Linear Technology Holding LLC	Linear Technology Corporation
5867.553 US1	Utility - ORG	10/173,45 2	GAIN NORMALIZATIO N FOR AUTOMATIC CONTROL OF LIGHTWAVE EMITTERS	Jun 13, 2002	Issued	Dec 13, 2005	6,975,658	Linear Technology Holding LLC	Linear Technology Corporation
5867.554 US1	Utility - ORG	09/721,60 0	CHARGE PUMP DC/DC CONVERTERS WITH REDUCED INPUT NOISE	Nov 21, 2000	Issued	Jun 25, 2002	6,411,531	Linear Technology Holding LLC	Linear Technology Corporation

5867.555 US1	Utility - ORG	09/684,317	PRECISION OSCILLATOR CIRCUITS AND METHODS WITH SWITCHED CAPACITOR FREQUENCY CONTROL AND FREQUENCY- SETTING RESISTOR	Oct 6, 2000	Issued	Jan 29, 2002	6,342,817	Linear Technology Holding LLC	Linear Technology Corporation
5867.556 US1	Utility - CIP	09/988,930	PRECISION OSCILLATOR CIRCUITS AND METHODS WITH SWITCHED CAPACITOR FREQUENCY CONTROL AND FREQUENCY- SETTING RESISTOR	Nov 21, 2001	Issued	Sep 2, 2003	6,614,313	Linear Technology Holding LLC	Linear Technology Corporation
5867.557 US1	Utility - ORG	09/708,791	POWER CONTROLLERS FOR AMPLITUDE MODULATION	Nov 7, 2000	Issued	Sep 30, 2003	6,628,165	Linear Technology Holding LLC	Linear Technology Corporation

5867.558 US1	Utility - ORG	09/789,96 0	SYSTEMS AND METHODS FOR CONTROLLING THE CHARGE PROFILE DURING THE COMMUTATION EVENT OF A SYNCHRONOUS SWITCHING TRANSISTOR IN A REGULATOR	Feb 20, 2001	Issued	Jan 7, 2003	6,504,351	Linear Technology Holding LLC	Linear Technology Corporation
5867.559 US1	Utility - ORG	09/853,28 7	METHODS AND APPARATUS FOR POWER MEASURING RECEIVER	May 10, 2001	Issued	Mar 18, 2003	6,534,966	Linear Technology Holding LLC	Linear Technology Corporation
5867.559 US2	Utility - CON	10/368,08 9	METHODS AND APPARATUS FOR POWER MEASURING RECEIVER	Feb 13, 2003	Issued	Dec 28, 2004	6,836,105	Linear Technology Holding LLC	Linear Technology Corporation
5867.560 US1	Utility - ORG	09/892,65 2	GATE PROTECTION CLAMPING CIRCUITS AND TECHNIQUES WITH CONTROLLED OUTPUT DISCHARGE CURRENT	Jun 28, 2001	Issued	Oct 1, 2002	6,459,321	Linear Technology Holding LLC	Linear Technology Corporation

5867.561 US1	Utility - ORG	09/735,33 1	APPARATUS AND METHODS FOR PERFORMING RMS-TO-DC CONVERSION UTILIZING CLOCK DITHERING	Dec 12, 2000	Issued	Mar 26, 2002	6,362,677	Linear Technology Holding LLC	Linear Technology Corporation
5867.562 US1	Utility - ORG	09/898,24 5	ANALOG COMPUTATION CIRCUITS USING SYNCHRONOUS DEMODULATION AND POWER METERS AND ENERGY METERS USING THE SAME	Jul 3, 2001	Issued	Jul 1, 2003	6,587,061	Linear Technology Holding LLC	Linear Technology Corporation
5867.563 US1	Utility - ORG	09/837,65 8	CONSTANT- CURRENT/CONS TANT-VOLTAGE CIRCUIT ARCHITECTURE	Apr 18, 2001	Issued	Feb 18, 2003	6,522,118	Linear Technology Holding LLC	Linear Technology Corporation
5867.563 US2	Utility - CON	10/106,49 9	CONSTANT- CURRENT/ CONSTANT- VOLTAGE CURRENT SUPPLY	Mar 27, 2002	Issued	May 27, 2003	6,570,372	Linear Technology Holding LLC	Linear Technology Corporation

5867.563 US3	Utility - CON	10/443,29 9	CONSTANT- CURRENT/CONS TANT-VOLTAGE CIRCUIT ARCHITECTURE	May 21, 2003	Issued	Mar 2, 2004	6,700,364	Linear Technology Holding LLC	Linear Technology Corporation
5867.563 US4	Utility - CON	10/716,12 9	CONSTANT- CURRENT/CONS TANT-VOLTAGE CIRCUIT ARCHITECTURE	Nov 17, 2003	Issued	Nov 16, 2004	6,819,094	Linear Technology Holding LLC	Linear Technology Corporation
5867.564 US1	Utility - ORG	09/921,46 6	CIRCUITS AND TECHNIQUES FOR CAPACITOR CHARGING CIRCUITS	Aug 3, 2001	Issued	Feb 11, 2003	6,518,733	Linear Technology Holding LLC	Linear Technology Corporation
5867.564 US2	Utility - CON	10/324,62 8	CIRCUITS AND TECHNIQUES FOR CAPACITOR CHARGING CIRCUITS	Dec 18, 2002	Issued	Oct 21, 2003	6,636,021	Linear Technology Holding LLC	Linear Technology Corporation
5867.564 USX	Utility - REEX	95/000,05 1	CIRCUITS AND TECHNIQUES FOR CAPACITOR CHARGING CIRCUITS	Sep 23, 2004	Issued	Oct 27, 2009		Linear Technology Holding LLC	Linear Technology Corporation

5867.564 UX2	Utility - REEX	95/000,05 2	CIRCUITS AND TECHNIQUES FOR CAPACITOR CHARGING CIRCUITS	Sep 23, 2004	Issued	Sep 8, 2009		Linear Technology Holding LLC	Linear Technology Corporation
5867.566 US1	Utility - ORG	09/789,86 6	CIRCUITRY FOR IMPROVING THE EFFICIENCY OF A SWITCHING REGULATOR BY REDUCING REVERSE RECOVERY CURRENT	Feb 20, 2001	Issued	Dec 17, 2002	6,495,993	Linear Technology Holding LLC	Linear Technology Corporation
5867.567 US1	Utility - ORG	10/008,63 7	CIRCUITS AND METHODS FOR EXTENDING THE INPUT COMMON MODE VOLTAGE RANGE OF JFET OP-AMPS	Dec 4, 2001	Issued	May 13, 2003	6,563,381	Linear Technology Holding LLC	Linear Technology Corporation
5867.568 US1	Utility - ORG	10/015,97 2	CIRCUITS AND METHODS FOR CURRENT MEASUREMENT S REFERRED TO A PRECISION IMPEDANCE	Nov 1, 2001	Issued	Sep 13, 2005	6,944,556	Linear Technology Holding LLC	Linear Technology Corporation

5867.568 US2	Utility - DIV	11/176,553	CIRCUITS AND METHODS FOR CURRENT MEASUREMENTS REFERRED TO A PRECISION IMPEDANCE	Jul 6, 2005	Issued	Sep 5, 2006	7,103,487	Linear Technology Holding LLC	Linear Technology Corporation
5867.568 US3	Utility - CON	11/489,378	CIRCUITS AND METHODS FOR CURRENT MEASUREMENTS REFERRED TO A PRECISION IMPEDANCE	Jul 18, 2006	Issued	Jul 17, 2007	7,246,016	Linear Technology Holding LLC	Linear Technology Corporation
5867.569 US1	Utility - ORG	09/986,256	DRIVER CIRCUITRY WITH TUNED OUTPUT IMPEDANCE	Nov 8, 2001	Issued	Feb 18, 2003	6,522,083	Linear Technology Holding LLC	Linear Technology Corporation
5867.570 US1	Utility - ORG	10/144,160	SYNTHETIC CIRCUIT COMPONENT AND AMPLIFIER APPLICATIONS	May 10, 2002	Issued	Apr 12, 2005	6,879,215	Linear Technology Holding LLC	Linear Technology Corporation
5867.571 US1	Utility - ORG	10/010,398	CIRCUIT AND METHOD FOR REDUCING QUIESCENT CURRENT IN A VOLTAGE REFERENCE CIRCUIT	Dec 5, 2001	Issued	Apr 8, 2003	6,545,530	Linear Technology Holding LLC	Linear Technology Corporation

5867.572 US1	Utility - ORG	10/066,03 0	LEADFRAME WITH SUPPORT MEMBERS	Jan 31, 2002	Issued	Mar 9, 2004	6,703,692	Linear Technology Holding LLC	Linear Technology Corporation
5867.573 US1	Utility - ORG	10/342,41 5	SYSTEMS AND METHODS FOR CONSERVING ENERGY IN A SWITCHING CIRCUIT	Jan 13, 2003	Issued	Oct 26, 2004	6,809,503	Linear Technology Holding LLC	Linear Technology Corporation
5867.574 US1	Utility - ORG	10/207,44 6	BOOTSTRAP CIRCUIT TO CANCEL INPUT BIAS CURRENTS OF A DIFFERENTIAL AMPLIFIER OVER MOST OF COMMON- MODE INPUT VOLTAGE RANGE	Jul 26, 2002	Issued	Oct 21, 2003	6,636,111	Linear Technology Holding LLC	Linear Technology Corporation
5867.575 US1	Utility - ORG	10/104,80 8	CIRCUITS AND METHODS FOR A VARIABLE OVERSAMPLE RATIO DELTA- SIGMA ANALOG- TO-DIGITAL CONVERTER	Mar 21, 2002	Issued	Oct 28, 2003	6,639,526	Linear Technology Holding LLC	Linear Technology Corporation

5867.575 US2	Utility - CON	10/695,67 9	CIRCUITS AND METHODS FOR A VARIABLE OVERSAMPLE RATIO DELTA- SIGMA ANALOG- TO-DIGITAL CONVERTER	Oct 28, 2003	Issued	Sep 21, 2004	6,795,007	Linear Technology Holding LLC	Linear Technology Corporation
5867.576 US1	Utility - ORG	09/411,15 0	APPARATUS AND METHODS FOR PERFORMING RMS-TO-DC CONVERSION WITH BIPOLAR INPUT SIGNAL RANGE	Oct 1, 1999	Issued	Mar 19, 2002	6,359,576	Linear Technology Holding LLC	Linear Technology Corporation
5867.577 US1	Utility - ORG	10/430,83 7	CIRCUITS AND METHODS FOR ACCURATELY SETTING A PHASE SHIFT	May 5, 2003	Issued	Jun 1, 2004	6,744,296	Linear Technology Holding LLC	Linear Technology Corporation
5867.578 US1	Utility - ORG	10/412,77 8	HIGH CAPACITANCE INTEGRATED CIRCUITS	Apr 11, 2003	Issued	Jan 29, 2008	7,323,928	Linear Technology Holding LLC	Linear Technology Corporation
5867.579 US1	Utility - ORG	10/444,48 9	VOLTAGE OVERSHOOT REDUCTION CIRCUITS	May 23, 2003	Issued	Feb 8, 2005	6,853,565	Linear Technology Holding LLC	Linear Technology Corporation
5867.579 US2	Utility - CON	11/052,37 0	VOLTAGE OVERSHOOT REDUCTION CIRCUITS	Feb 7, 2005	Issued	Apr 4, 2006	7,023,713	Linear Technology Holding LLC	Linear Technology Corporation

5867.580 US1	Utility - ORG	10/728,02 1	METHODS AND CIRCUITS FOR PROGRAMMABLE AUTOMATIC BURST MODE CONTROL USING AVERAGE OUTPUT CURRENT	Dec 3, 2003	Issued	Apr 18, 2006	7,030,596	Linear Technology Holding LLC	Linear Technology Corporation
5867.581 US1	Utility - ORG	10/726,96 4	LOW VOLTAGE PULL-DOWN CIRCUIT	Dec 2, 2003	Issued	Sep 27, 2005	6,949,965	Linear Technology Holding LLC	Linear Technology Corporation
5867.581 US2	Utility - CON	11/200,71 1	LOW VOLTAGE PULL-DOWN CIRCUIT	Aug 9, 2005	Issued	Nov 6, 2007	7,292,076	Linear Technology Holding LLC	Linear Technology Corporation
5867.582 US1	Utility - ORG	10/722,80 8	METHODS AND CIRCUITS FOR PROGRAMMABLE CURRENT LIMIT PROTECTION	Nov 26, 2003	Issued	Mar 28, 2006	7,019,507	Linear Technology Holding LLC	Linear Technology Corporation
5867.583 US1	Utility - ORG	10/761,50 2	METHODS AND CIRCUITS FOR MORE ACCURATELY MIRRORING CURRENT OVER A WIDE RANGE OF INPUT CURRENT	Jan 20, 2004	Issued	May 24, 2005	6,897,717	Linear Technology Holding LLC	Linear Technology Corporation

5867.584 US1	Utility - ORG	10/897,05 3	METHODS AND CIRCUITS FOR SELECTABLE GAIN AMPLIFICATION BY SUBTRACTING GAINS	Jul 21, 2004	Issued	Aug 29, 2006	7,098,733	Linear Technology Holding LLC	Linear Technology Corporation
5867.585 US1	Utility - ORG	10/761,50 1	METHODS AND CIRCUITS FOR TRACKING AND SEQUENCING MULTIPLE POWER SUPPLIES	Jan 20, 2004	Issued	Mar 11, 2008	7,342,328	Linear Technology Holding LLC	Linear Technology Corporation
5867.586 US1	Utility - ORG	10/779,29 2	BUFFERED OVERSAMPLING ANALOG-TO- DIGITAL CONVERTER WITH IMPROVED DC OFFSET PERFORMANCE	Feb 12, 2004	Issued	Aug 9, 2005	6,927,717	Linear Technology Holding LLC	Linear Technology Corporation
5867.587 US1	Utility - ORG	10/962,30 2	CIRCUITS AND METHODS FOR FLEXIBLE CURRENT PARTITIONING IN MONOLITHIC SWITCHING REGULATORS	Oct 8, 2004	Issued	Jan 30, 2007	7,170,195	Linear Technology Holding LLC	Linear Technology Corporation

5867.588 US1	Utility - ORG	11/006,74 6	SYSTEM AND METHOD FOR DETERMINING LOAD CURRENT IN SWITCHING REGULATORS OPERABLE IN PULSE SKIPPING MODE	Dec 8, 2004	Issued	Jan 9, 2007	7,161,333	Linear Technology Holding LLC	Linear Technology Corporation
5867.589 US1	Utility - ORG	11/073,72 2	METHOD AND CIRCUIT FOR DRIVING A GATE OF A MOS TRANSISTOR NEGATIVE	Mar 8, 2005	Issued	May 29, 2007	7,224,204	Linear Technology Holding LLC	Linear Technology Corporation
5867.590 US1	Utility - ORG	06/932,01 4	ADAPTIVE TRANSISTOR DRIVE CIRCUIT	Nov 18, 1986	Lapsed	Jul 5, 1988	4,755,741	Linear Technology Holding LLC	Linear Technology Corporation
5867.590 USX	Utility - REEX	90/002,03 5	ADAPTIVE TRANSISTOR DRIVE CIRCUIT	Jun 1, 1990	Issued	May 14, 1991		Linear Technology Holding LLC	Linear Technology Corporation
5867.590 UX2	Utility - REEX	90/003,41 9	ADAPTIVE TRANSISTOR DRIVE CIRCUIT	Apr 28, 1994	Issued	Dec 26, 1995		Linear Technology Holding LLC	Linear Technology Corporation
5867.590 UX3	Utility - REEX	90/003,56 1	ADAPTIVE TRANSISTOR DRIVE CIRCUIT	Sep 9, 1994	Issued	Dec 26, 1995		Linear Technology Holding LLC	Linear Technology Corporation
5867.591 US1	Utility - ORG	06/932,15 9	BREAKPOINT AND THERMAL LIMIT CIRCUIT	Nov 18, 1986	Issued	Dec 6, 1988	4,789,819	Linear Technology Holding LLC	Linear Technology Corporation

5867.592 US2	Utility - CON	07/082,98 9	SWITCHING VOLTAGE REGULATOR CIRCUIT	Aug 3, 1987	Issued	Apr 18, 1989	4,823,070	Linear Technology Holding LLC	Linear Technology Corporation
5867.592 US5	Utility - REIS	08/794,37 4	SWITCHING VOLTAGE REGULATOR CIRCUIT	Dec 10, 1996	Lapsed	Apr 18, 2006	RE39,065	Linear Technology Holding LLC	Linear Technology Corporation
5867.597 US1	Utility - ORG	07/985,88 1	LEAD FRAME CAPACITOR AND CAPACITIVELY- COUPLED ISOLATOR CIRCUIT USING SAME	Dec 3, 1992	Issued	Aug 22, 1995	5,444,600	Linear Technology Holding LLC	Linear Technology Corporation
5867.597 US3	Utility - DIV	08/401,02 7	LEAD FRAME CAPACITOR AND CAPACITIVELY- COUPLED ISOLATOR CIRCUIT USING SAME	Mar 8, 1995	Issued	Dec 31, 1996	5,589,709	Linear Technology Holding LLC	Linear Technology Corporation
5867.597 US4	Utility - CON	08/401,02 8	LEAD FRAME CAPACITOR AND CAPACITIVELY- COUPLED ISOLATOR CIRCUIT USING SAME	Mar 8, 1995	Issued	Jul 20, 1999	5,926,358	Linear Technology Holding LLC	Linear Technology Corporation

5867.597 US5	Utility - DIV	08/401,03 3	PROCESS FOR MANUFACTURIN G A LEAD FRAME CAPACITOR AND CAPACITIVELY- COU- PLED ISOLATOR CIRCUIT USING SAME	Mar 8, 1995	Issued	Jul 22, 1997	5,650,357	Linear Technology Holding LLC	Linear Technology Corporation
5867.597 US6	Utility - CON	08/807,19 7	LEAD FRAME CAPACITOR AND CAPACITIVELY COUPLED ISSOLATOR CIRCUIT	Feb 27, 1997	Issued	Aug 31, 1999	5,945,728	Linear Technology Holding LLC	Linear Technology Corporation
5867.601 US1	Utility - CIP	08/483,37 4	FLUORESCENT- LAMP EXCITATION CIRCUIT USING A PIEZOELECTRIC ACOUSTIC TRANSFORMER AND METHODS FOR USING SAME	Jun 7, 1995	Issued	Aug 20, 1996	5,548,189	Linear Technology Holding LLC	Linear Technology Corporation
5867.602 US1	Utility - ORG	08/073,68 4	TUNABLE FILTER NETWORK HAVING DC ACCURACY	Jun 9, 1993	Issued	Jun 20, 1995	5,426,393	Linear Technology Holding LLC	Linear Technology Corporation

5867.603 US1	Utility - ORG	08/286,52 6	TUNABLE OPERATIONAL TRANSCONDUCT ANCE AMPLIFIER HAVING HIGH LINEARITY	Aug 5, 1994	Issued	Nov 7, 1995	5,465,072	Linear Technology Holding LLC	Linear Technology Corporation
5867.604 US1	Utility - ORG	07/518,15 1	ELECTROSTATIC DISCHARGE CLAMP USING VERTICAL NPN TRANSISTOR	May 3, 1990	Issued	May 18, 1993	5,212,618	Linear Technology Holding LLC	Linear Technology Corporation
5867.605 US1	Utility - ORG	06/909,97 3	LOW PASS FILTER CIRCUIT	Sep 22, 1986	Issued	Nov 8, 1988	4,783,635	Linear Technology Holding LLC	Linear Technology Corporation
5867.606 US1	Utility - ORG	06/932,71 4	OUTPUT IMPEDANCE COMPENSATION CIRCUIT	Nov 19, 1986	Issued	Sep 13, 1988	4,771,227	Linear Technology Holding LLC	Linear Technology Corporation
5867.607 US1	Utility - ORG	06/932,71 5	CURRENT BOOSTED SWITCHING REGULATOR	Nov 19, 1986	Lapsed	Mar 15, 1988	4,731,719	Linear Technology Holding LLC	Linear Technology Corporation
5867.609 US1	Utility - ORG	07/114,43 9	DUAL TRANSISTOR OUTPUT STAGE	Oct 28, 1987	Issued	Dec 20, 1988	4,792,745	Linear Technology Holding LLC	Linear Technology Corporation
5867.610 US1	Utility - ORG	07/312,21 8	IMPEDANCE CONTROL CIRCUIT FOR AN INTEGRATED CIRCUIT NODE	Feb 21, 1989	Issued	Oct 8, 1991	5,055,711	Linear Technology Holding LLC	Linear Technology Corporation

5867.611 US1	Utility - ORG	07/091,54 8	FAST PNP TRANSISTOR TURN-OFF CIRCUIT	Aug 31, 1987	Issued	Jul 11, 1989	4,847,520	Linear Technology Holding LLC	Linear Technology Corporation
5867.612 US1	Utility - ORG	07/542,32 2	LATERAL PNP TURN-OFF DRIVE CIRCUIT	Jun 22, 1990	Issued	Jul 7, 1992	5,128,553	Linear Technology Holding LLC	Linear Technology Corporation
5867.613 US1	Utility - ORG	07/546,10 3	ANALOG MULTIPLIER IN THE FEEDBACK LOOP OF A SWITCHING REGULATOR	Jun 29, 1990	Issued	Oct 8, 1991	5,055,767	Linear Technology Holding LLC	Linear Technology Corporation
5867.614 US1	Utility - ORG	07/673,47 5	LEVEL SHIFT CIRCUIT WITH GAIN ENHANCEMENT	Mar 22, 1991	Issued	Sep 15, 1992	5,148,118	Linear Technology Holding LLC	Linear Technology Corporation
5867.615 US1	Utility - ORG	07/673,46 6	PRECISE REFERENCE VOLTAGE GENERATOR FOR FEEDFORWARD COMPENSATED AMPLIFIERS	Mar 22, 1991	Issued	Sep 15, 1992	5,148,119	Linear Technology Holding LLC	Linear Technology Corporation
5867.616 US1	Utility - ORG	07/722,94 1	ALUMINUM ALLOY/SILICON- CHROMIUM SANDWICH SCHOTTKY DIODE	Jun 28, 1991	Issued	Oct 19, 1993	5,254,869	Linear Technology Holding LLC	Linear Technology Corporation

5867.616 US3	Utility - DIV	08/088,92 8	ALUMINUM ALLOY/SILICON- CHROMIUM SANDWICH SCHOTTKY DIODE	Jul 7, 1993	Issued	Mar 22, 1994	5,296,406	Linear Technology Holding LLC	Linear Technology Corporation
5867.618 US1	Utility - ORG	07/189,47 9	NON-LINEAR TEMPERATURE GENERATOR CIRCUIT	May 2, 1988	Issued	Jun 27, 1989	4,843,302	Linear Technology Holding LLC	Linear Technology Corporation
5867.619 US1	Utility - ORG	07/732,03 9	DIFFERENTIAL INPUT AMPLIFIER STAGE WITH FREQUENCY COMPENSATION	Jul 18, 1991	Issued	Jan 26, 1993	5,182,526	Linear Technology Holding LLC	Linear Technology Corporation
5867.619 US2	Utility - REIS	08/355,08 0	DIFFERENTIAL INPUT AMPLIFIER STAGE WITH FREQUENCY COMPENSATION	Dec 12, 1994	Issued	Jun 4, 1996	RE35,261	Linear Technology Holding LLC	Linear Technology Corporation
5867.620 US1	Utility - ORG	07/862,99 3	MICROPOWER GATE CHARGE PUMP FOR POWER MOSFETS	Apr 6, 1992	Issued	Nov 2, 1993	5,258,662	Linear Technology Holding LLC	Linear Technology Corporation
5867.620 US2	Utility - CON	08/098,46 2	MICROPOWER GATE CHARGE PUMP FOR POWER MOSFETS	Jul 27, 1993	Issued	Jun 20, 1995	5,426,334	Linear Technology Holding LLC	Linear Technology Corporation

5867.621 US1	Utility - ORG	07/893,52 3	CIRCUIT FOR DRIVING TWO POWER MOSFETS IN A HALF-BRIDGE CONFIGURATIO N	Jun 4, 1992	Issued	Nov 15, 1994	5,365,118	Linear Technology Holding LLC	Linear Technology Corporation
5867.622 US1	Utility - CIP	08/035,42 3	CIRCUIT FOR DRIVING TWO POWER MOSFETS IN A HALF-BRIDGE CONFIGURATIO N	Mar 22, 1993	Issued	Apr 18, 1995	5,408,150	Linear Technology Holding LLC	Linear Technology Corporation
5867.623 US1	Utility - ORG	07/785,48 3	CONTROL CIRCUIT FOR LOW DROPOUT REGULATOR	Oct 31, 1991	Issued	Dec 28, 1993	5,274,323	Linear Technology Holding LLC	Linear Technology Corporation
5867.623 US2	Utility - DIV	08/098,46 1	FREQUENCY COMPENSATION CIRCUIT FOR LOW DROPOUT REGULATORS	Jul 27, 1993	Issued	Aug 2, 1994	5,334,928	Linear Technology Holding LLC	Linear Technology Corporation
5867.623 US3	Utility - CON	08/241,50 5	ERROR SIGNAL GENERATION CIRCUIT FOR LOW DROPOUT REGULATORS	May 12, 1994	Issued	Jan 16, 1996	5,485,109	Linear Technology Holding LLC	Linear Technology Corporation

5867.624 US1	Utility - ORG	07/786,71 8	SWITCHING REGULATOR CIRCUIT USING MAGNETIC FLUX- SENSING	Nov 1, 1991	Issued	Apr 19, 1994	5,305,192	Linear Technology Holding LLC	Linear Technology Corporation
5867.624 US3	Utility - CON	08/266,09 2	SWITCHING REGULATOR CIRCUIT USING MAGNETIC FLUX- SENSING	Jun 27, 1994	Issued	Aug 1, 1995	5,438,499	Linear Technology Holding LLC	Linear Technology Corporation
5867.625 US1	Utility - ORG	07/914,20 5	LINEAR-PHASE FILTER HAVING HIGH GAIN SELECTIVITY	Jul 14, 1992	Issued	Aug 8, 1995	5,440,270	Linear Technology Holding LLC	Linear Technology Corporation
5867.626 US1	Utility - ORG	08/020,61 9	METHOD AND CIRCUIT FOR INCREASING THE OUTPUT IMPEDANCE OF AN INACTIVE AMPLIFIER	Feb 19, 1993	Issued	Jul 5, 1994	5,327,095	Linear Technology Holding LLC	Linear Technology Corporation
5867.627 US1	Utility - ORG	07/314,37 8	SCHOTTKY ENHANCED CMOS OUTPUT CIRCUIT	Feb 23, 1989	Issued	May 14, 1991	5,015,889	Linear Technology Holding LLC	Linear Technology Corporation
5867.627 US2	Utility - REIS	08/061,62 8	SCHOTTKY ENHANCED CMOS OUTPUT CIRCUIT	May 13, 1993	Issued	Apr 30, 1996	RE35,221	Linear Technology Holding LLC	Linear Technology Corporation
5867.628 US1	Utility - ORG	08/175,99 1	ELECTROSTATIC DISCHARGE CIRCUIT	Dec 30, 1993	Issued	Jan 16, 1996	5,485,024	Linear Technology Holding LLC	Linear Technology Corporation

5867.629 US1	Utility - CON	08/488,04 2	TURN-OFF CIRCUITRY FOR A HIGH-SPEED SWITCHING REGULATOR DRIVE CIRCUIT	Jun 7, 1995	Issued	Aug 12, 1997	5,656,965	Linear Technology Holding LLC	Linear Technology Corporation
5867.630 US1	Utility - CON	08/939,31 0	SYNCHRONIZATI ON AND SHUTDOWN CIRCUITS AND METHODS IN HIGH-SPEED SWITCHING REGULATOR DRIVE CIRCUITS	Sep 29, 1997	Issued	Sep 29, 1998	5,815,015	Linear Technology Holding LLC	Linear Technology Corporation
5867.630 US2	Utility - CON	09/153,11 1	HIGH -SPEED SWITCHING REGULATOR DRIVE CIRCUIT	Sep 15, 1998	Issued	Aug 29, 2000	6,111,439	Linear Technology Holding LLC	Linear Technology Corporation
5867.630 US3	Utility - CON	09/153,10 8	HIGH-SPEED SWITCHING REGULATOR DRIVE CIRCUIT	Sep 15, 1998	Issued	Oct 10, 2000	6,130,575	Linear Technology Holding LLC	Linear Technology Corporation
5867.631 US1	Utility - CON	08/488,07 1	CIRCUITS AND METHODS FOR INCREASING SWITCH TURN- OFF SPEED IN HIGH-SPEED SWITCHING REGULATOR DRIVE CIRCUITS	Jun 7, 1995	Issued	Sep 16, 1997	5,668,493	Linear Technology Holding LLC	Linear Technology Corporation

5867.632 US1	Utility - ORG	08/414,62 2	OPERATIONAL AMPLIFIER WITH JFET INPUTS HAVING LOW INPUT BIAS CURRENT AND METHODS FOR USING SAME	Mar 31, 1995	Issued	Jul 16, 1996	5,537,078	Linear Technology Holding LLC	Linear Technology Corporation
5867.633 US1	Utility - ORG	08/346,39 5	CURRENT MIRROR CIRCUITS AND METHODS WITH GUARANTEED OFF STATE AND AMPLIFIER CIRCUITS USING SAME	Nov 29, 1994	Issued	May 14, 1996	5,517,143	Linear Technology Holding LLC	Linear Technology Corporation
5867.633 US2	Utility - DIV	08/479,00 9	CURRENT MIRROR CIRCUITS AND METHODS WITH GUARANTEED OFF STATE AND AMPLIFIER CIRCUITS USING SAME	Jun 7, 1995	Issued	May 6, 1997	5,627,486	Linear Technology Holding LLC	Linear Technology Corporation

5867.634 US1	Utility - ORG	08/322,43 0	ANALOG-TO- DIGITAL CONVERSION USING COMPARATOR COUPLED CAPACITOR DIGITAL-TO- ANALOG CONVERTERS	Oct 13, 1994	Issued	Dec 3, 1996	5,581,252	Linear Technology Holding LLC	Linear Technology Corporation
5867.635 US1	Utility - ORG	08/215,89 8	SYNCHRONOUS Y RECTIFIED BUCK-FLYBACK DC TO DC POWER CONVERTER	Mar 22, 1994	Issued	Sep 3, 1996	5,552,695	Linear Technology Holding LLC	Linear Technology Corporation
5867.635 US2	Utility - CON	08/619,81 6	SYNCHRONOUS Y RECTIFIED BUCK-FLYBACK DC TO DC POWER CONVERTER	Mar 15, 1996	Abandoned			Linear Technology Holding LLC	Linear Technology Corporation
5867.636 US1	Utility - ORG	08/480,69 6	METHOD AND CIRCUIT FOR TRIMMING AN OPERATIONAL AMPLIFIER HAVING DUAL INPUT STAGES	Jun 7, 1995	Issued	Mar 11, 1997	5,610,557	Linear Technology Holding LLC	Linear Technology Corporation

5867.637 US3	Utility - CON	08/010,47 7	SOFTWARE CONTROLLED POWER SHUTDOWN IN AN INTEGRATED CIRCUIT	Jan 28, 1993	Issued	Feb 15, 1994	5,287,525	Linear Technology Holding LLC	Linear Technology Corporation
5867.638 US1	Utility - ORG	08/494,23 7	AC COUPLING LOOPS FOR CURRENT-TO- VOLTAGE TRANSIMPEDAN CE AMPLIFIERS AND METHOD OF USING SAME	Jun 23, 1995	Issued	Feb 25, 1997	5,606,277	Linear Technology Holding LLC	Linear Technology Corporation
5867.639 US1	Utility - ORG	08/486,86 2	ANALOG-TO- DIGITAL CONVERTER	Jun 7, 1995	Issued	Feb 3, 1998	5,714,955	Linear Technology Holding LLC	Linear Technology Corporation

5867.640 US1	Utility - ORG	08/534,33 6	SELF- CONFIGURING INTERFACE HAVING A PROTOCOL IDENTIFYING CIRCUITRY FOR MONITORING AT LEAST ONE TIME VARYING SIGNAL AND CONFIGURED THE INTERFACE TO USE THE SAME PROTOCOL CORRESPONDIN G TO THE SIGNAL	Sep 27, 1995	Issued	Mar 14, 2000	6,038,400	Linear Technology Holding LLC	Linear Technology Corporation
5867.642 US1	Utility - ORG	08/477,45 5	MULTIPLE OUTPUT REGULATOR WITH TIME SEQUENCING	Jun 7, 1995	Issued	Apr 1, 1997	5,617,015	Linear Technology Holding LLC	Linear Technology Corporation
5867.643 US1	Utility - ORG	08/628,80 2	BATTERY CHARGING CIRCUITRY HAVING SUPPLY CURRENT REGULATION	Apr 5, 1996	Issued	Mar 3, 1998	5,723,970	Linear Technology Holding LLC	Linear Technology Corporation

5867.644 US1	Utility - ORG	08/592,976	LOW QUIESCENT POWER, HIGH OUTPUT POWER RAIL-TO RAIL AMPLIFIER OUTPUT STAGES AND METHODS FOR USING SAME	Jan 29, 1996	Issued	Oct 20, 1998	5,825,228	Linear Technology Holding LLC	Linear Technology Corporation
5867.646 US1	Utility - ORG	08/970,994	ADAPTIVE THRESHOLD CIRCUIT FOR COMPARATORS	Nov 14, 1997	Issued	Dec 26, 2000	6,166,566	Linear Technology Holding LLC	Linear Technology Corporation
5867.647 US1	Utility - ORG	08/647,361	CIRCUITS AND METHODS FOR COMPENSATING NON-LINEAR CAPACITANCES TO MINIMIZE HARMONIC DISTORTION	May 9, 1996	Issued	Jun 9, 1998	5,763,924	Linear Technology Holding LLC	Linear Technology Corporation
5867.648 US1	Utility - ORG	08/717,774	DUAL RESOLUTION CIRCUITRY FOR AN ANALOG-TO- DIGITAL CONVERTER	Sep 24, 1996	Issued	Jun 9, 1998	5,764,175	Linear Technology Holding LLC	Linear Technology Corporation
5867.649 US1	Utility - ORG	08/910,482	INTERPOLATION CIRCUIT FOR DIGITAL-TO- ANALOG CONVERTER	Jul 25, 1997	Issued	Jan 12, 1999	5,859,606	Linear Technology Holding LLC	Linear Technology Corporation

5867.651 US1	Utility - ORG	08/868,31 1	MIXED-MODE MULTI- PROTOCOL SERIAL INTERFACE DRIVER	Jun 3, 1997	Issued	Dec 21, 1999	6,005,414	Linear Technology Holding LLC	Linear Technology Corporation
5867.652 US1	Utility - ORG	08/873,54 5	SELECTABLE MULTI- PROTOCOL CABLE TERMINATION	Jun 12, 1997	Issued	Jan 25, 2000	6,018,549	Linear Technology Holding LLC	Linear Technology Corporation
5867.653 US1	Utility - ORG	08/744,38 8	SWITCHING REGULATORS HAVING A SYNCHRONIZABLE OSCILLATOR FREQUENCY WITH CONSTANT RAMP AMPLITUDE	Nov 7, 1996	Issued	Jul 27, 1999	5,929,620	Linear Technology Holding LLC	Linear Technology Corporation
5867.654 US1	Utility - ORG	09/060,56 1	CIRCUITS AND METHODS FOR CANCELING HARMONIC DISTORTION IN SAMPLE AND HOLD CIRCUITS	Apr 15, 1998	Issued	Jul 4, 2000	6,084,440	Linear Technology Holding LLC	Linear Technology Corporation

5867.655 US1	Utility - ORG	08/974,29 2	INDUCTORLESS STEP-UP AND STEP-DOWN CONVERTER WITH INRUSH CURRENT LIMITING	Nov 19, 1997	Issued	Oct 26, 1999	5,973,944	Linear Technology Holding LLC	Linear Technology Corporation
5867.656 US1	Utility - ORG	08/942,45 1	METHOD AND APPARATUS FOR ISOLATED FLYBACK REGULATOR CONTROL AND LOAD COMPENSATION	Oct 1, 1997	Issued	Nov 24, 1998	5,841,643	Linear Technology Holding LLC	Linear Technology Corporation