PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7962923

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGNIS INNOVATION INC.	03/31/2023

RECEIVING PARTY DATA

Name:	IGNIS INNOVATION INC.
Street Address:	WICKHAMS CAY II ROAD TOWN
City:	TORTOLA
State/Country:	VIRGIN ISLANDS, BRITISH
Postal Code:	VG1110

PROPERTY NUMBERS Total: 31

Property Type	Number
Application Number:	18137470
Application Number:	18136908
Application Number:	18184090
Application Number:	18184343
Application Number:	18152921
Application Number:	17989216
Application Number:	18066309
Application Number:	17966921
Application Number:	18058757
Application Number:	18050562
Application Number:	17952781
Application Number:	17930885
Application Number:	17894564
Application Number:	17894501
Application Number:	17858498
Application Number:	17844167
Application Number:	17844105
Application Number:	17745210
Application Number:	17741957
Application Number:	17592554

Property Type	Number
Application Number:	17557237
Application Number:	17582446
Application Number:	17520842
Application Number:	17509234
Application Number:	17487112
Application Number:	17443471
Application Number:	17222032
Application Number:	17205748
Application Number:	16451216
Application Number:	14326677
Application Number:	16198840

CORRESPONDENCE DATA

Fax Number:

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

Email: IPADMIN@STRATFORD.GROUP
Correspondent Name: STRATFORD GROUP LTD.
Address Line 1: 10616 RANCHO CARMEL DRIVE
Address Line 4: SAN DIEGO, CALIFORNIA 92128

ATTORNEY DOCKET NUMBER:	0100-PENDING
NAME OF SUBMITTER:	SUE LONGTIN
SIGNATURE:	/Sue Longtin/
DATE SIGNED:	05/19/2023

Total Attachments: 38
source=US_Patent Assignment Agreement_Signed#page1.tif
source=US_Patent Assignment Agreement_Signed#page2.tif
source=US_Patent Assignment Agreement_Signed#page3.tif
source=US_Patent Assignment Agreement_Signed#page4.tif
source=US_Patent Assignment Agreement_Signed#page5.tif
source=US_Patent Assignment Agreement_Signed#page6.tif
source=US_Patent Assignment Agreement_Signed#page7.tif
source=US_Patent Assignment Agreement_Signed#page8.tif
source=US_Patent Assignment Agreement_Signed#page9.tif
source=US_Patent Assignment Agreement_Signed#page10.tif
source=US_Patent Assignment Agreement_Signed#page11.tif
source=US_Patent Assignment Agreement_Signed#page12.tif
source=US_Patent Assignment Agreement_Signed#page13.tif
source=US_Patent Assignment Agreement_Signed#page14.tif
source=US_Patent Assignment Agreement_Signed#page15.tif
source=US_Patent Assignment Agreement_Signed#page16.tif
source=US_Patent Assignment Agreement_Signed#page17.tif

source=US_Patent Assignment Agreement_Signed#page18.tif
source=US_Patent Assignment Agreement_Signed#page19.tif
source=US_Patent Assignment Agreement_Signed#page20.tif
source=US_Patent Assignment Agreement_Signed#page21.tif
source=US_Patent Assignment Agreement_Signed#page22.tif
source=US_Patent Assignment Agreement_Signed#page23.tif
source=US_Patent Assignment Agreement_Signed#page24.tif
source=US_Patent Assignment Agreement_Signed#page25.tif
source=US_Patent Assignment Agreement_Signed#page26.tif
source=US_Patent Assignment Agreement_Signed#page27.tif
source=US_Patent Assignment Agreement_Signed#page28.tif
source=US_Patent Assignment Agreement_Signed#page29.tif
source=US_Patent Assignment Agreement_Signed#page30.tif
source=US_Patent Assignment Agreement_Signed#page31.tif
source=US_Patent Assignment Agreement_Signed#page32.tif
source=US_Patent Assignment Agreement_Signed#page33.tif
source=US_Patent Assignment Agreement_Signed#page34.tif
source=US_Patent Assignment Agreement_Signed#page35.tif
source=US_Patent Assignment Agreement_Signed#page36.tif
source=US_Patent Assignment Agreement_Signed#page37.tif
source=US_Patent Assignment Agreement_Signed#page38.tif

PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "**Assignment**") is made and entered into as of March 31, 2023 (the "**Effective Date**") by and between **IGNIS INNOVATION INC.**, a corporation incorporated under the *Business Corporations Act* (Ontario) having its head office at 50 Bathurst Drive, Unit 12, Waterloo, Ontario, Canada N2V 2C5 ("**Assignor**") and **IGNIS INNOVATION INC.**, a corporation incorporated under British Virgin Islands laws ("**Assignee**"). Assignor and Assignee are sometimes referred to herein together as the "**Parties**".

RECITALS:

1. Assignor is the owner of the patents set out in the attached Schedule "A" (the "**Patents**");

2. Reference is made to that certain Asset Purchase Agreement (the "**Purchase Agreement**") dated March 17, 2023, between Assignor and Assignee, pursuant to which Assignor agreed to sell to Assignee, and Assignee agreed to purchase from Assignor, all of Assignor's rights, title and interests in and to the Purchased Assets (as defined in the Purchase Agreement), which include the Patents. Capitalized terms used but not defined herein will have the meanings given to them in the Purchase Agreement.

3. In the Purchase Agreement, Assignor and Assignee have agreed to execute and deliver this Assignment, pursuant to which Assignor will assign and transfer to Assignee all of Assignor's rights, title and interests in and to the Patents.

NOW, THEREFORE, in consideration of the premises, the covenants and the agreements contained herein and in the Purchase Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows:

1. Assignor sells, assigns and transfers to Assignee, its successors, assigns or legal representatives, all of its rights, title and worldwide interests in and to the Patents together with the rights, entitlements and privileges related thereto and the goodwill of any and all business carried on in association with the Patents, the same to be held by Assignee, its successors, assigns or legal representatives, as fully and effectively as they would have been held by Assignor had this sale, assignment and transfer not been made.

2. Assignor, on behalf of itself, its successors, assigns and legal representatives, hereby covenants and agrees, without further consideration, to do all such lawful acts and things and to execute such further lawful assignments, documents, assurances, applications and other instruments as may be required by Assignee, its successors, assigns or legal representatives or a Governmental Authority, to obtain, modify or update any and all registrations or renewals for the Patents and to vest the same in Assignee, its successors, assigns or legal representatives.

3. Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements in conflict herewith.

4. This Assignment is executed and delivered pursuant to the Purchase Agreement and is subject to the covenants, representations, warranties and indemnities contained therein. This Assignment, together with the Purchase Agreement, is the final and exclusive expression of the agreement of Assignor and Assignee as to the subject matter hereof. Nothing in this Assignment will be deemed to enlarge, alter or amend the terms or conditions of the Purchase Agreement. In the event of a conflict between this Assignment and the Purchase Agreement, however, the Purchase Agreement will take precedence and control the resolution of the conflict.

5. This Assignment may only be amended by and pursuant to a written agreement of amendment that specifically references this Assignment and is signed by both Parties.

6. This Assignment will be binding upon and will inure to the benefit of the Parties and their respective successors and permitted assigns.

7. Each Party shall pay all expenses it incurs in authorizing, preparing, executing and performing this Assignment and the transactions contemplated hereunder, including all fees and expenses of its legal counsel, accountants or other representatives or consultants.

8. Each Party shall do such acts and will execute such further documents, conveyances, deeds, assignments, transfers and the like, and will cause the doing of such acts and will cause the execution of such further documents as are within its power as any other party may in writing at any time and from time to time reasonably request be done and or executed, in order to give full effect to the provisions of this Assignment.

9. This Assignment is governed by and is to be interpreted, construed and enforced in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein, without regard to conflict of law principles.

10. This Assignment may be executed in counterparts, each of which will be deemed an original, but all of which together will be deemed to be one and the same instrument. Once signed, any reproduction of this Assignment made by reliable means (e.g., photocopy, facsimile or PDF) will be considered an original.

[*Signature page follows*]

IN WITNESS WHEREOF, the parties hereto have executed this Patent Assignment Agreement on the date above mentioned.

IGNIS INNOVATION INC.

DocuSigned by:

By: Peter Monsberger
6E8CE6D9D8674B2...

Name: Peter Monsberger
Title: Chief Executive Officer

IGNIS INNOVATION INC.

By: _____

Name [redacted]
Title: Chief Executive Officer

Schedule A

TABLE 1 – Active Patents

- **Max Life**

File #	TITLE	Matter Type	Status	Date Filed	Application #	Patent #
0100-7USPT	METHOD AND SYSTEM FOR CALIBRATING A LIGHT EMITTING DEVICE DISPLAY	Utility - ORG	Issued	12/01/2005	11/291,301	8314783
0100-9USPT	METHOD AND SYSTEM FOR PROGRAMMING, CALIBRATING AND DRIVING A LIGHT EMITTING DEVICE DISPLAY	Utility - ORG	Issued	12/15/2005	11/304,162	7619597
0100-9USC1		Utility - CON	Issued	10/01/2009	12/571,968	8259044
0100-9USC2		Utility - CON	Issued	08/07/2012	13/568,784	8736524
0100-9USC3		Utility - CON	Issued	01/16/2014	14/157,031	8994625
0100-9USC4		Utility - CON	Issued	02/07/2014	14/175,493	8816946
0100-9USC5		Utility - CON	Issued	03/10/2015	14/643,584	9970964
0100-9USP1		Utility - CIP	Issued	06/12/2015	14/738,393	10012678
0100-9USP2		Utility - CIP	Issued	08/03/2015	14/816,817	10013907
0100-9USPT2		Utility - ORG	Issued	08/06/2016	15/230,397	10074304
0100-9USC6		Utility - CON	Issued	06/11/2018	16/005,177	10699624
0100-9USC7		Utility - CON	Issued	08/09/2018	16/059,299	10339860
0100-9USC8		Utility - CON	Issued	05/16/2019	16/413,693	10475376
0100-9USC9		Utility - CON	Issued	10/07/2019	16/594,416	11049447
0100-9USC10		Utility - CON	Issued	06/29/2020	16/914,533	11270621
0100-9USC11		Utility - CON	Issued	05/25/2021	17/329,244	11501705

0100-9USC12		Utility - CON	Published	01/24/2022	17/582,446	
0100-9USC13		Utility - CON	Published	10/17/2022	17/966,921	
0100-9CNPX2		Utility - NSPCT	Issued	08/06/2016	201680046438.0	ZL 201680046438.0
0100-9CND1		Utility - DIV	Published	08/06/2016	201910998489.9	
0100-9TWPT		Utility - ORG	Issued	12/15/2005	094144535	I402790
0100-12USPT	DRIVING CIRCUIT FOR CURRENT PROGRAMMED ORGANIC LIGHT-EMITTING DIODE DISPLAYS	Utility - ORG	Issued	02/09/2006	11/350,610	10078984
0100-12JPPX		Utility - NSPCT	Issued	02/09/2006	2007-554402	5011130
0100-13USPT	METHOD AND SYSTEM FOR COMPENSATION OF NON-UNIFORMITIES IN LIGHT EMITTING DEVICE DISPLAYS	Utility - ORG	Issued	04/12/2006	11/402,624	7868857
0100-13USC3		Utility - CON	Issued	09/18/2014	14/490,513	10235933
0100-13CNPX		Utility - NSPCT	Issued	04/11/2006	200680020908.2	ZL200680020908.2
0100-18USPT	COMPENSATION TECHNIQUE FOR LUMINANCE DEGRADATION IN ELECTRO-LUMINANCE DEVICES	Utility - ORG	Issued	09/12/2006	11/519,338	8188946
0100-18USC1		Utility - CON	Issued	12/10/2010	12/965,610	8749595
0100-18USC2	COMPENSATION TECHNIQUE FOR LUMINANCE DEGRADATION IN ELECTRO-LUMINANCE DEVICES	Utility - CON	Issued	05/01/2014	14/266,901	10019941

0100-19USPX	CIRCUIT AND METHOD FOR DRIVING AN ARRAY OF LIGHT EMITTING PIXELS	Utility - NSPCT	Issued	09/23/2004	10/554,754	7978187
0100-19USC1		Utility - CON	Issued	05/23/2011	13/113,651	8553018
0100-19USC2		Utility - CON	Issued	10/04/2013	14/046,480	8941697
0100-19USC3		Utility - CON	Issued	12/12/2014	14/568,517	9472139
0100-19USC4		Utility - CON	Issued	09/15/2016	15/266,474	9852689
0100-21USPT	METHOD AND SYSTEM FOR LIGHT EMITTING DEVICE DISPLAYS	Utility - ORG	Issued	02/09/2007	11/673,512	7924249
0100-23USPT	OLED LUMINANCE DEGRADATION COMPENSATION	Utility - ORG	Issued	08/15/2007	11/839,145	8026876
0100-23USC1		Utility - CON	Issued	07/11/2011	13/179,963	8279143
0100-23USC2		Utility - CON	Issued	10/01/2012	13/632,691	8581809
0100-23USC3		Utility - CON	Issued	10/11/2013	14/052,146	9125278
0100-23USC4		Utility - CON	Issued	07/30/2015	14/813,904	9530352
0100-23USC5		Utility - CON	Issued	11/18/2016	15/356,196	10325554
0100-23CNPX		Utility - NSPCT	Issued	08/15/2007	200780037286.9	ZL200780037286.9
0100-23JPPX		Utility - NSPCT	Issued	08/15/2007	2009-524054	5535627
0100-24USPX	VOLTAGE-PROGRAMMING SCHEME FOR CURRENT-DRIVEN AMOLED DISPLAYS	Utility - NSPCT	Issued	06/28/2005	11/571,480	8115707
0100-24USC1		Utility - CON	Issued	02/14/2012	13/396,375	8232939
0100-24USREI		Utility - REIS	Issued	11/26/2013	14/090,320	RE45291
0100-24USDR		Utility - DIV	Pending	07/09/2014	14/326,677	
0100-24USCR		Utility - CON	Issued	07/09/2014	14/326,705	RE47257

0100-24EPPX		Utility - NSPCT	Issued - Validated	06/28/2005	05759141.4	1779365
0100-24EPPX-DE		Utility - EPPAT	Issued	06/28/2005	05759141.4	1779365
0100-24JPPX		Utility - NSPCT	Issued	06/28/2005	2007-518427	5279265
0100-34USPT	COMPENSATION TECHNIQUE FOR COLOR SHIFT IN DISPLAYS	Utility - ORG	Issued	06/16/2010	12/816,856	9117400
0100-34USC1		Utility - CON	Issued	03/16/2013	13/844,856	9111485
0100-34USC2		Utility - CON	Issued	07/13/2015	14/797,278	9418587
0100-34USC3		Utility - CON	Issued	07/12/2016	15/207,584	10553141
0100-39USPT	SYSTEM AND METHODS FOR AGING COMPENSATION IN AMOLED DISPLAYS	Utility - ORG	Issued	11/30/2010	12/956,842	8914246
0100-39USP1		Utility - CIP	Issued	04/24/2013	13/869,399	9384698
0100-39USP2		Utility - CIP	Issued	05/09/2013	13/890,926	9311859
0100-39USPX2		Utility - NSPCT	Issued	04/23/2014	14/775,450	10319307
0100-39USD1		Utility - DIV	Issued	09/05/2014	14/477,971	9786209
0100-39USC1		Utility - CON	Issued	03/02/2016	15/058,939	10699613
0100-39USC2		Utility - CON	Issued	06/01/2016	15/170,336	10304390
0100-39USC3		Utility - CON	Issued	09/13/2017	15/703,260	10679533
0100-39USC4		Utility - CON	Issued	04/12/2019	16/382,616	10997924
0100-39USC5		Utility - CON	Issued	05/01/2019	16/400,239	10796622
0100-39USC6		Utility - CON	Issued	04/27/2021	17/241,389	11580913
0100-39USC7		Utility - CON	Pending	01/11/2023	18/152,921	
0100-39CNPX2		Utility - NSPCT	Issued	04/23/2014	201480036145.5	ZL201480036145.5

0100-42USPT		Utility - ORG	Issued	02/03/2011	13/020,252	8589100
0100-42USC1		Utility - CON	Issued	09/16/2013	14/027,811	9430958
0100-42USP1		Utility - CIP	Issued	05/23/2014	14/286,711	9881532
0100-42USP2		Utility - CIP	Issued	06/25/2014	14/314,514	10176736
0100-42USP4		Utility - CIP	Issued	01/06/2015	14/590,105	10089921
0100-42USP5		Utility - CIP	Issued	06/30/2016	15/198,981	10163401
0100-42USC2		Utility - CON	Issued	07/29/2016	15/223,437	9773441
0100-42USC3		Utility - CON	Issued	08/29/2017	15/689,417	10032399
0100-42USC5		Utility - CON	Issued	01/10/2018	15/866,717	10573231
0100-42USC4		Utility - CON	Issued	01/11/2018	15/867,863	10971043
0100-42USC6		Utility - CON	Issued	06/25/2018	16/017,355	10395574
0100-42USC7		Utility - CON	Issued	08/27/2018	16/113,111	11200839
0100-42USC8		Utility - CON	Issued	11/16/2018	16/193,605	10699648
0100-42USC9		Utility - CON	Issued	11/29/2018	16/203,728	10783814
0100-42USC10		Utility - CON	Issued	07/11/2019	16/508,786	10854121
0100-42USPT3		Utility - ORG	Published	07/27/2021	17/443,471	
0100-42USC11		Utility - CON	Published	11/08/2021	17/520,842	
0100-42CND1		Utility - DIV	Published	05/22/2015	201910992468.6	
0100-42CNPT1	SYSTEM AND METHODS FOR EXTRACTING CORRELATION CURVES FOR AN ORGANIC LIGHT EMITTING DEVICE	Utility - ORG	Issued	05/22/2015	201510267035.6	ZL201510267035.6
0100-42CNPT3		Utility - ORG	Issued	07/01/2015	201510378716.X	ZL 201510378716.X
0100-42CND4		Utility - DIV	Allowed	01/06/2016	202010978425.5	
0100-42DEPT4		Utility - ORG	Published	01/05/2016	102016200032.2	

0100-44USPT	LIFETIME UNIFORMITY PARAMETER EXTRACTION METHODS	Utility - ORG	Issued	03/17/2011	13/050,006	8994617
0100-48USPT	SYSTEM AND METHODS FOR THERMAL COMPENSATION IN AMOLED DISPLAYS	Utility - ORG	Issued	12/02/2010	12/958,655	8907991
0100-48USC1		Utility - CON	Issued	09/09/2014	14/481,520	9489897
0100-48USC2		Utility - CON	Issued	10/08/2016	15/289,138	9997110
0100-48USC3		Utility - CON	Issued	05/15/2018	15/979,658	10460669
0100-48USC4		Utility - CON	Issued	09/20/2019	16/576,892	10971068
0100-51USPT	SYSTEM AND METHODS FOR EXTRACTION OF THRESHOLD AND MOBILITY PARAMETERS IN AMOLED DISPLAYS	Utility - ORG	Issued	05/20/2011	13/112,468	8576217
0100-51USP1		Utility - CIP	Issued	03/15/2013	13/835,124	8599191
0100-51USC1		Utility - CON	Issued	07/25/2013	13/950,795	9093029
0100-51USP3		Utility - CIP	Issued	11/11/2013	14/076,336	9171500
0100-51USP2		Utility - CIP	Issued	12/02/2013	14/093,758	9799246
0100-51USP4		Utility - CIP	Issued	04/15/2014	14/253,422	9275579
0100-51USP5		Utility - CIP	Issued	04/25/2014	14/261,755	9280933
0100-51USP6		Utility - CIP	Issued	07/30/2014	14/447,323	9530349
0100-51USC3		Utility - CON	Issued	04/07/2015	14/680,554	9355584
0100-51USC4		Utility - CON	Issued	05/13/2016	15/154,445	9589490
0100-51USC5		Utility - CON	Issued	11/14/2016	15/350,642	10475379
0100-51USC6		Utility - CON	Issued	01/31/2017	15/420,503	9799248
0100-51USC7		Utility - CON	Issued	09/14/2017	15/704,334	10032400
0100-51USC8		Utility - CON	Issued	09/19/2017	15/708,361	10127846
0100-51USC9		Utility - CON	Issued	06/20/2018	16/013,005	10325537

0100-51USC10		Utility - CON	Issued	10/31/2018	16/175,906	10580337
0100-51USC11		Utility - CON	Issued	04/30/2019	16/398,581	10713986
0100-51USC12		Utility - CON	Issued	09/27/2019	16/585,511	11164519
0100-51USC13		Utility - CON	Published	09/28/2021	17/487,112	
0100-51CNPX		Utility - NSPCT	Issued	05/11/2012	201280022957.5	ZL 201280022957.5
0100-52USPT	HIGH RESOLUTION PIXEL ARCHITECTURE	Utility - ORG	Issued	12/01/2010	12/958,035	8552636
0100-52USP1		Utility - CIP	Issued	12/21/2012	13/724,424	8803417
0100-52USC1		Utility - CON	Issued	07/03/2014	14/322,995	9059117
0100-53USPT	ADAPTIVE FEEDBACK SYSTEM FOR COMPENSATING FOR AGING PIXEL AREAS WITH ENHANCED ESTIMATION SPEED	Utility - ORG	Issued	11/08/2011	13/291,486	9466240
0100-53USC1		Utility - CON	Issued	09/12/2016	15/262,266	9640112
0100-53USC2		Utility - CON	Issued	03/22/2017	15/466,468	9978297
0100-53USC3		Utility - CON	Issued	04/18/2018	15/955,924	10706754
0100-57USPT	SYSTEMS AND METHODS FOR AGING COMPENSATION IN AMOLED DISPLAYS	Utility - ORG	Issued	05/26/2012	13/481,790	9773439
0100-57USC1		Utility - CON	Issued	08/29/2017	15/689,210	9984607
0100-57USC2		Utility - CON	Issued	04/20/2018	15/958,037	10417945
0100-57USC3		Utility - CON	Issued	08/06/2019	16/532,590	11049426
0100-57CNPX		Utility - NSPCT	Issued	05/26/2012	201280026000.8	ZL201280026000.8
0100-57CND1		Utility - DIV	Issued	05/26/2012	201611047953.9	ZL 201611047953.9
0100-61USREI	HIGH RESOLUTION DISPLAY PANEL WITH EMISSIVE ORGANIC LAYERS	Utility - REIS	Issued	10/21/2016	15/299,595	RE48002
0100-61CNPX		Utility - NSPCT	Issued	04/05/2013	201380022342.7	ZL201380022342.7

0100-61CND1	EMITTING LIGHT OF DIFFERENT COLORS	Utility - DIV	Published	04/05/2013	201910665246.3	
0100-72USPT	DISPLAY SYSTEMS WITH COMPENSATION FOR LINE PROPAGATION DELAY	Utility - ORG	Issued	03/13/2013	13/800,153	8922544
0100-72USC1		Utility - CON	Issued	11/20/2014	14/549,030	9368063
0100-72USC2		Utility - CON	Issued	05/13/2016	15/154,416	9536460
0100-72USC3		Utility - CON	Issued	11/28/2016	15/362,541	9741279
0100-72USC4		Utility - CON	Issued	07/13/2017	15/649,065	9940861
0100-72USC5		Utility - CON	Issued	03/06/2018	15/913,015	10176738
0100-72USC6		Utility - CON	Issued	11/29/2018	16/204,175	10431132
0100-72USC7		Utility - CON	Issued	08/20/2019	16/545,029	10665143
0100-72CNPX		Utility - NSPCT	Issued	05/22/2013	201380026539.8	ZL201380026539.8
0100-74USPT	CLEANING COMMON UNWANTED SIGNALS FROM PIXEL MEASUREMENTS IN EMISSIVE DISPLAYS	Utility - ORG	Issued	01/14/2014	14/154,945	9171504
0100-74USP1		Utility - CIP	Issued	09/23/2014	14/494,127	9830857
0100-74USC1		Utility - CON	Issued	11/02/2017	15/801,726	10847087
0100-74USC2		Utility - CON	Issued	10/26/2020	17/079,572	11462161
0100-74USC3		Utility - CON	Published	08/24/2022	17/894,564	
0100-74DEP1		Utility - ORG	Published	09/23/2015	102015218248.7	
0100-78USPT	RE-INTERPOLATION WITH EDGE DETECTION FOR EXTRACTING AN AGING PATTERN FOR AMOLED DISPLAYS	Utility - ORG	Issued	03/13/2014	14/209,392	9305488
0100-78USC1		Utility - CON	Issued	02/23/2016	15/050,700	9536465
0100-78USC2		Utility - CON	Issued	11/29/2016	15/363,290	9818323
0100-78USC3		Utility - CON	Issued	10/13/2017	15/783,852	10198979
0100-78USC4		Utility - CON	Issued	12/20/2018	16/227,256	10438524

0100-78USC5		Utility - CON	Issued	08/29/2019	16/555,256	10789867
0100-80USPT	AMOLED DISPLAYS WITH MULTIPLE READOUT CIRCUITS	Utility - ORG	Issued	03/11/2014	14/204,209	9324268
0100-80USP1		Utility - CIP	Issued	04/17/2014	14/255,132	10089924
0100-80USC1		Utility - CON	Issued	03/22/2016	15/077,399	9721512
0100-80USC2		Utility - CON	Issued	06/22/2017	15/630,142	9997107
0100-80USC3		Utility - CON	Issued	05/14/2018	15/978,871	10460660
0100-80USC4		Utility - CON	Issued	08/24/2018	16/112,161	10380944
0100-80USC5		Utility - CON	Issued	06/28/2019	16/456,138	10699638
0100-80USC6		Utility - CON	Issued	09/18/2019	16/574,191	11074859
0100-80USC7		Utility - CON	Allowed	06/22/2021	17/354,233	
0100-80USC8		Utility - CON	Pending	03/15/2023	18/184,090	
0100-80CNPT		Utility - ORG	Issued	04/17/2015	201510184552.7	ZL 201510184552.7
0100-81USPT	DISPLAY SYSTEM USING SYSTEM LEVEL RESOURCES TO CALCULATE COMPENSATION PARAMETERS FOR A DISPLAY MODULE IN A PORTABLE DEVICE	Utility - ORG	Issued	04/08/2015	14/681,371	10192479
0100-81USC1		Utility - CON	Issued	12/17/2018	16/221,676	11145245
0100-81USC2		Utility - CON	Issued	09/14/2021	17/474,371	11545084
0100-81USC3		Utility - CON	Pending	11/17/2022	17/989,216	
0100-86USPT	COMPENSATION ACCURACY	Utility - ORG	Issued	08/11/2014	14/455,990	9437137
0100-86USC1		Utility - CON	Issued	07/26/2016	15/219,377	9990882
0100-86USC2		Utility - CON	Issued	05/11/2018	15/976,995	10600362
0100-86CNPX		Utility - NSPCT	Issued	08/11/2014	201480044972.9	ZL201480044972.9

0100-86CND1		Utility - DIV	Issued	08/11/2014	201710628769.1	ZL201710628769.1
0100-87USPT	CORRECTION FOR LOCALIZED PHENOMENA IN AN IMAGE ARRAY	Utility - ORG	Issued	12/05/2014	14/561,697	9761170
0100-87USC1		Utility - CON	Issued	08/11/2017	15/675,297	10186190
0100-87USC2		Utility - CON	Issued	12/17/2018	16/221,721	10755627
0100-88USPT	OLED DISPLAY SYSTEM AND METHOD	Utility - ORG	Issued	12/05/2014	14/561,404	9741282
0100-88USC1		Utility - CON	Issued	07/18/2017	15/652,481	9858853
0100-88USC2		Utility - CON	Issued	11/27/2017	15/822,983	10395585
0100-88USC3		Utility - CON	Issued	07/09/2019	16/505,803	10535294
0100-90USPT	ELECTRODE CONTACTS	Utility - ORG	Issued	12/23/2014	14/581,193	9502653
0100-90USC1		Utility - CON	Issued	10/18/2016	15/296,424	9831462
0100-90USC3		Utility - CON	Issued	05/08/2018	15/973,696	10439159
0100-90USC4		Utility - CON	Issued	08/26/2019	16/550,896	10847743
0100-90USC5		Utility - CON	Issued	10/20/2020	17/075,251	11050036
0100-130USPT	SYSTEMS AND METHODS OF OPTICAL FEEDBACK	Utility - ORG	Issued	05/04/2016	15/146,010	10311780
0100-130USC1		Utility - CON	Issued	04/22/2019	16/390,324	10607537
0100-134USPT	SYSTEMS AND METHODS OF REDUCED MEMORY BANDWIDTH COMPENSATION	Utility - ORG	Issued	05/26/2016	15/165,435	9947293
0100-134USC1		Utility - CON	Issued	03/21/2018	15/927,421	10403230
0100-134USC2		Utility - CON	Issued	07/17/2019	16/513,889	10818266
0100-147USPT	DISPLAY PANEL COMPENSATION METHODS	Utility - ORG	Issued	01/25/2019	16/257,314	11043164
0100-147USC1		Utility - CON	Issued	05/20/2021	17/325,281	11398188
0100-147USC2		Utility - CON	Published	06/20/2022	17/844,167	
0100-147CNPT		Utility - ORG	Published	01/28/2019	201910080575.1	

0100-150USP1	PIXEL MEASUREMENT THROUGH DATA LINE	Utility - CIP	Issued	07/05/2018	16/028,073	10971078
0100-150USC1		Utility - CON	Issued	03/18/2021	17/205,639	11488541
0100-150USC2		Utility - CON	Published	09/26/2022	17/952,781	
0100-150CND1		Utility - DIV	Published	02/12/2019	202210358984.5	
0100-151USPT	COMPENSATION SYSTEMS AND METHODS FOR DISPLAY OLED DEGRADATION	Utility - ORG	Issued	07/18/2019	16/515,211	11276347
0100-151USP1		Utility - CIP	Issued	09/11/2019	16/567,374	11276348
0100-151USC1		Utility - CON	Allowed	02/04/2022	17/592,554	
0100-151CNPT		Utility - ORG	Published	07/18/2019	201910650171.1	
0100-151DEPT		Utility - ORG	Published	07/17/2019	102019210555.6	
0100-153USPT	COMPENSATION FOR DISPLAY DEGRADATION WITH TEMPERATURE NORMALIZATION	Utility - ORG	Issued	10/25/2019	16/663,653	11062675

- **Intelligent Pixel**

File #	Title	Matter Type	Status	Date Filed	Application #	Patent #
0100-5USP1	PIXEL DRIVER CIRCUIT AND PIXEL CIRCUIT HAVING THE PIXEL DRIVER CIRCUIT	Utility - CIP	Issued	09/06/2005	11/220,094	7569849
0100-5USC3		Utility - CON	Issued	04/19/2011	13/089,622	8664644
0100-6USPT	SYSTEM AND DRIVING METHOD FOR ACTIVE MATRIX LIGHT EMITTING DEVICE DISPLAY	Utility - ORG	Issued	11/15/2005	11/274,957	7889159
0100-6USC1		Utility - CON	Issued	11/23/2010	12/952,951	8319712
0100-8USPT	METHOD AND SYSTEM FOR	Utility - ORG	Issued	12/07/2005	11/298,240	7800565

0100-8USC1	PROGRAMMING AND DRIVING ACTIVE MATRIX LIGHT EMITTING DEVICE PIXEL	Utility - CON	Issued	08/06/2010	12/851,652	8405587
0100-8USC2		Utility - CON	Issued	09/23/2011	13/243,065	8378938
0100-8USC3		Utility - CON	Issued	01/18/2013	13/744,843	9153172
0100-8USC4		Utility - CON	Issued	09/02/2015	14/843,211	9741292
0100-8USPT2		Utility - ORG	Issued	07/20/2016	15/215,036	10410579
0100-8USP2		Utility - CIP	Issued	11/28/2016	15/361,660	10373554
0100-8USP3		Utility - CIP	Issued	10/30/2017	15/797,661	10657895
0100-8USC5		Utility - CON	Published	06/25/2019	16/451,216	
0100-11USPT	VOLTAGE PROGRAMMED PIXEL CIRCUIT, DISPLAY SYSTEM AND DRIVING METHOD THEREOF	Utility - ORG	Issued	01/27/2006	11/341,332	8044893
0100-11USC1		Utility - CON	Issued	08/17/2011	13/211,732	8497825
0100-11USC2		Utility - CON	Issued	07/03/2013	13/934,652	8659518
0100-11USC3		Utility - CON	Issued	01/17/2014	14/157,699	9373645
0100-11USC4		Utility - CON	Issued	05/23/2016	15/161,525	9728135
0100-15USPT	METHOD AND SYSTEM FOR DRIVING A LIGHT EMITTING DEVICE DISPLAY	Utility - ORG	Issued	06/08/2006	11/449,487	7852298
0100-15USC1		Utility - CON	Issued	09/29/2010	12/893,148	8860636
0100-15USC2		Utility - CON	Issued	09/09/2014	14/481,370	9330598
0100-15USC3		Utility - CON	Issued	04/05/2016	15/090,769	9805653
0100-15USC4		Utility - CON	Issued	09/27/2017	15/717,043	10388221
0100-15CNPX		Utility - NSPCT	Issued	06/08/2006	200680026953.9	ZL200680026953.9
0100-15CND1		Utility - DIV	Issued	06/08/2006	201210152425.5	ZL201210152425.5
0100-16USPX	PIXEL DRIVER CIRCUIT WITH LOAD-BALANCE	Utility - NSPCT	Issued	09/23/2004	10/554,795	8502751

0100-16USC1	IN CURRENT MIRROR CIRCUIT	Utility - CON	Issued	07/02/2013	13/933,554	9472138
0100-16USC2		Utility - CON	Issued	09/08/2016	15/259,978	10089929
0100-17USPT	METHOD AND SYSTEM FOR DRIVING A PIXEL CIRCUIT IN AN ACTIVE MATRIX DISPLAY	Utility - ORG	Issued	07/06/2006	11/481,489	8223177
0100-20USPT	METHOD AND SYSTEM FOR DRIVING AN ACTIVE MATRIX DISPLAY CIRCUIT	Utility - ORG	Issued	01/09/2007	11/651,099	8253665
0100-20USC1		Utility - CON	Issued	09/23/2011	13/243,330	8564513
0100-20USC2		Utility - CON	Issued	03/06/2012	13/413,517	8624808
0100-20USP1		Utility - CIP	Issued	10/11/2012	13/649,888	9269322
0100-20USC3		Utility - CON	Issued	12/03/2013	14/095,583	9058775
0100-20USC4		Utility - CON	Issued	09/19/2014	14/491,885	10229647
0100-20USP2		Utility - CIP	Issued	01/12/2016	14/993,174	9489891
0100-20USC5		Utility - CON	Issued	10/07/2016	15/288,019	10262587
0100-22USPT	STABLE DRIVING SCHEME FOR ACTIVE MATRIX DISPLAYS	Utility - ORG	Issued	04/18/2007	11/736,751	8477121
0100-22CNPX		Utility - NSPCT	Issued	04/18/2007	200780022840.6	ZL200780022840.6
0100-22EPPX		Utility - NSPCT	Issued - Validated	04/18/2007	07719579.0	2008264
0100-22EPPX-DE		Utility - EPPAT	Issued	04/18/2007	07719579.0	2008264
0100-29USPT	METHOD AND SYSTEM FOR DRIVING LIGHT EMITTING DISPLAY	Utility - ORG	Issued	07/28/2009	12/510,780	8471875
0100-29USREI1		Utility - REIS	Issued	09/04/2014	14/477,037	RE46561
0100-29USREI2		Utility - REIS	Issued	08/25/2017	15/687,017	RE49389
0100-29USR2C1		Utility - REIS	Pending	12/15/2022	18/066,309	

0100-29EPPX		Utility - NSPCT	Issued - Validated	07/28/2009	09802309.6	2313881
0100-29EPPX-DE		Utility - EPPAT	Issued	07/28/2009	09802309.6	2313881
0100-30USPT		Utility - ORG	Issued	04/17/2009	12/425,734	8614652
0100-30USC1		Utility - CON	Issued	12/02/2013	14/094,175	9877371
0100-30USC2		Utility - CON	Issued	08/22/2014	14/466,084	9867257
0100-30USC3		Utility - CON	Issued	11/30/2017	15/827,015	10555398
0100-30CNPX		Utility - NSPCT	Issued	04/17/2009	200980120671.9	ZL200980120671.9
0100-30CND1		Utility - DIV	Issued	04/17/2009	201410543320.1	ZL201410543320.1
0100-30EPPX		Utility - NSPCT	Issued-Validated	04/17/2009	09732338.0	2277163
0100-30EPPX-DE	SYSTEM AND DRIVING METHOD FOR LIGHT EMITTING DEVICE DISPLAY	Utility - EPPAT	Issued	04/17/2009	09732338.0	2277163
0100-30JPD1		Utility - DIV	Issued	08/16/2013	2013-169044	5726247
0100-31USPT	LOW POWER CIRCUIT AND DRIVING METHOD FOR EMISSIVE DISPLAYS	Utility - ORG	Issued	12/08/2009	12/633,209	8358299
0100-35USPT	DRIVING SYSTEM FOR ACTIVE-MATRIX DISPLAYS	Utility - ORG	Issued	09/09/2010	12/878,439	9093019
0100-40USPT	STABLE CURRENT SOURCE FOR SYSTEM INTEGRATION TO DISPLAY SUBSTRATE	Utility - ORG	Issued	11/11/2010	12/944,488	8283967
0100-41USPT	SYSTEM AND METHODS FOR	Utility - ORG	Issued	12/02/2010	12/958,938	9093028

0100-41USP1	POWER CONSERVATION FOR AMOLED PIXEL DRIVERS	Utility - CIP	Issued	10/21/2013	14/058,623	9262965
0100-43USPT	STABLE FAST PROGRAMMING SCHEME FOR DISPLAYS	Utility - ORG	Issued	11/11/2010	12/944,491	8633873
0100-43USC1		Utility - CON	Issued	12/18/2013	14/132,840	9030506
0100-43USC2		Utility - CON	Issued	04/29/2015	14/699,752	9818376
0100-43USC3		Utility - CON	Issued	10/13/2017	15/783,802	10685627
0100-54USP1	SYSTEM AND METHOD FOR FAST COMPENSATION PROGRAMMING OF PIXELS IN A DISPLAY	Utility - CIP	Issued	05/26/2012	13/481,789	9370075
0100-54USC1		Utility - CON	Issued	05/16/2016	15/155,820	9824632
0100-54USC2		Utility - CON	Issued	10/12/2017	15/730,920	10134335
0100-54USC3		Utility - CON	Issued	10/25/2018	16/170,103	11030949
0100-54CNPX		Utility - NSPCT	Issued	05/26/2012	201280026192.2	ZL201280026192.2
0100-54CND1		Utility - DIV	Issued	05/26/2012	201710001717.1	ZL201710001717.1
0100-62USPT	SYSTEMS AND METHODS FOR OPERATING PIXELS IN A DISPLAY TO MITIGATE IMAGE FLICKER	Utility - ORG	Issued	05/26/2012	13/481,788	9881587
0100-62USC1		Utility - CON	Issued	01/11/2018	15/868,079	10290284
0100-62USC2		Utility - CON	Issued	03/27/2019	16/365,726	10978022
0100-62USC3		Utility - CON	Published	03/18/2021	17/205,748	
0100-63USPT	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - ORG	Issued	12/11/2012	13/710,872	9786223
0100-63USPX1		Utility - NSPCT	Issued	12/09/2013	14/363,379	9978310
0100-63USP1		Utility - CIP	Issued	06/06/2014	14/298,333	9336717
0100-63USC1		Utility - CON	Issued	04/12/2016	15/096,501	9685114
0100-63USC2		Utility - CON	Issued	05/22/2017	15/601,146	9997106

0100-63USC3		Utility - CON	Issued	09/13/2017	15/703,357	10140925
0100-63USC4		Utility - CON	Issued	04/20/2018	15/958,143	11030955
0100-63USC5		Utility - CON	Issued	05/15/2018	15/979,848	10311790
0100-63USC6		Utility - CON	Issued	10/31/2018	16/177,353	10446083
0100-63USC7		Utility - CON	Issued	04/17/2019	16/386,399	10467963
0100-63USC8		Utility - CON	Issued	09/06/2019	16/562,499	10885849
0100-63USC9		Utility - CON	Issued	09/27/2019	16/585,458	10810940
0100-63USC10		Utility - CON	Issued	09/15/2020	17/020,970	11074863
0100-63USC11		Utility - CON	Issued	06/21/2021	17/352,549	11475839
0100-63USC12		Utility - CON	Published	09/09/2022	17/930,885	
0100-63CNP1		Utility - ORG	Issued	06/05/2015	201510306412.2	ZL201510306412.2
0100-70USPT	PIXEL CIRCUITS INCLUDING FEEDBACK CAPACITORS AND RESET CAPACITORS, AND DISPLAY SYSTEMS THEREFORE	Utility - ORG	Issued	05/11/2012	13/470,059	9747834
0100-70USC1		Utility - CON	Issued	07/27/2017	15/661,777	10424245
0100-70USC2		Utility - CON	Issued	08/14/2019	16/540,201	10818231
0100-70USC3		Utility - CON	Issued	10/23/2020	17/078,152	11244615
0100-70USC4		Utility - CON	Published	12/21/2021	17/557,237	
0100-77USPT	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - ORG	Issued	03/08/2013	13/789,978	9351368
0100-77USP2		Utility - CIP	Issued	09/19/2014	14/491,763	9886899
0100-77USC1		Utility - CON	Issued	02/17/2016	15/045,382	9697771
0100-77USC2		Utility - CON	Issued	04/20/2016	15/133,318	9659527
0100-77USP3		Utility - CIP	Issued	06/16/2016	15/184,233	9721505
0100-77USC3		Utility - CON	Issued	04/24/2017	15/494,951	9922596

0100-77USC4		Utility - CON	Issued	05/31/2017	15/609,249	10013915
0100-77USC5		Utility - CON	Issued	06/28/2017	15/635,653	9934725
0100-77USC6		Utility - CON	Issued	01/11/2018	15/867,937	10515585
0100-77USC7		Utility - CON	Issued	02/05/2018	15/888,451	10593263
0100-77USC8		Utility - CON	Issued	02/23/2018	15/903,698	10242619
0100-77USC10		Utility - CON	Issued	02/04/2019	16/266,557	10650742
0100-77USC11		Utility - CON	Issued	06/30/2020	16/916,540	11367392
0100-77USC12		Utility - CON	Published	05/16/2022	17/745,210	
0100-145USPT	DISPLAY, PIXEL CIRCUIT, AND METHOD	Utility - ORG	Issued	11/22/2018	16/198,833	11189201
0100-145USC1		Utility - CON	Published	10/25/2021	17/509,234	
0100-146USPT	PIXEL CIRCUIT, DISPLAY, AND METHOD	Utility - ORG	Published	11/22/2018	16/198,840	
0100-146CNPT		Utility - ORG	Published	11/22/2018	201811397642.4	
0100-159USPT	DISPLAY, METHOD, AND 5T1C N-TYPE PIXEL CIRCUIT	Utility - ORG	Pending	11/24/2022	18/058,757	
0100-161USPT	HIGH EFFICIENCY STRESS HISTORY MODELING AND COMPENSATION	Utility - ORG	Pending	10/28/2022	18/050,562	

- **Generic**

File #	Title	Matter Type	Status	Date Filed	Application #	Patent #
0100-4USPX	INTEGRATED MULTIPLEXER/DE-MULTIPLEXER FOR ACTIVE-MATRIX DISPLAY/IMAGING ARRAYS	Utility - NSPCT	Issued	07/26/2004	10/487,034	7573452

0100-14USPX		Utility - NSPCT	Issued	05/18/2006	10/546,695	7948170
0100-14USC2		Utility - CON	Issued	01/11/2017	15/403,313	10163996
0100-14USC3		Utility - CON	Issued	11/16/2018	16/193,702	10439013
0100-14USC4	PIXEL HAVING AN ORGANIC LIGHT	Utility - CON	Issued	08/28/2019	16/553,423	10991777
0100-14USC5	EMITTING DIODE AND METHOD OF	Utility - CON	Issued	03/29/2021	17/215,259	11348984
0100-14USC6	FABRICATING THE PIXEL	Utility - CON	Allowed	05/11/2022	17/741,957	
0100-27USPT	DISPLAY SYSTEM WITH A SOLAR CELL AND DEVICE HAVING THE SAME	Utility - ORG	Issued	12/23/2008	12/342,250	8334863
0100-37USPT1	SHARING SWITCH TFTS IN PIXEL CIRCUITS	Utility - ORG	Issued	11/11/2010	12/944,477	8497828
0100-59USPT		Utility - ORG	Issued	07/30/2012	13/561,411	8901579
0100-59USD1	ORGANIC LIGHT EMITTING DIODE	Utility - DIV	Issued	10/28/2014	14/525,720	9224954
0100-59CNPT	AND METHOD OF MANUFACTURING	Utility - ORG	Issued	08/02/2012	201210273581.7	ZL201210273581.7
0100-60USPT		Utility - ORG	Issued	08/01/2012	13/563,930	8729529
0100-60USP1	THIN FILM TRANSISTOR INCLUDING A	Utility - CIP	Issued	04/04/2014	14/245,203	9070775
0100-60CNPT	NANOCONDUCTOR LAYER	Utility - ORG	Issued	08/03/2012	201210276177.5	ZL 201210276177.5
0100-66USPT		Utility - ORG	Issued	11/29/2012	13/689,241	9385169
0100-66USC1		Utility - CON	Issued	06/06/2016	15/174,174	9818806
0100-66USC2	MULTI-FUNCTIONAL ACTIVE MATRIX ORGANIC LIGHT-EMITTING DIODE DISPLAY	Utility - CON	Issued	10/13/2017	15/783,662	10079269
0100-66USC3		Utility - CON	Issued	08/21/2018	16/107,672	10453904
0100-67USPT		Utility - ORG	Issued	02/03/2012	13/365,391	8937632
0100-67USC1	DRIVING SYSTEM FOR ACTIVE-MATRIX DISPLAYS	Utility - CON	Issued	11/26/2014	14/554,110	9343006

0100-67USC2		Utility - CON	Issued	04/15/2016	15/099,752	9792857
0100-67USC3		Utility - CON	Issued	09/15/2017	15/705,508	10043448
0100-67USC4		Utility - CON	Issued	07/09/2018	16/030,268	10453394
0100-79USPX	DYNAMIC ADJUSTMENT OF TOUCH RESOLUTIONS ON AN AMOLED DISPLAY	Utility - NSPCT	Issued	03/03/2014	14/776,887	9952698
0100-82USPT		Utility - ORG	Issued	04/21/2014	14/257,113	10867536
0100-82USP1		Utility - CIP	Issued	05/30/2014	14/291,231	10996258
0100-82CNPX	INSPECTION SYSTEM FOR OLED DISPLAY PANELS	Utility - NSPCT	Issued	04/21/2014	201480022682.4	ZL 201480022682.4
0100-94USPT	INTEGRATED GATE DRIVER	Utility - ORG	Issued	03/24/2015	14/666,372	10176752
0100-97USPT		Utility - ORG	Issued	02/25/2015	14/630,906	10997901
0100-97USC1	DISPLAY SYSTEM	Utility - CON	Published	04/05/2021	17/222,032	
0100-126USPT	COMPENSATION FOR COLOR VARIATIONS IN EMISSIVE DEVICES	Utility - ORG	Issued	01/22/2016	15/004,398	10181282
0100-126DEPT		Utility - ORG	Published	01/25/2016	102016200966.4	
0100-131USPT	SYSTEMS AND METHODS OF DISPLAY BRIGHTNESS ADJUSTMENT	Utility - ORG	Issued	03/31/2016	15/086,217	10152915
0100-131DEPT		Utility - ORG	Published	03/31/2016	102016205363.9	
0100-136USPT	SYSTEMS AND METHODS OF MULTIPLE COLOR DRIVING	Utility - ORG	Issued	10/14/2016	15/293,526	10102808
0100-136USC1		Utility - CON	Issued	09/25/2018	16/140,899	10446086
0100-137USPT	HIGH DENSITY PIXEL PATTERN	Utility - ORG	Issued	10/25/2016	15/333,734	10204540
0100-138USPT	HIGH PIXEL DENSITY ARRAY ARCHITECTURE	Utility - ORG	Issued	11/30/2015	14/953,527	9842889
0100-138USC1		Utility - CON	Issued	11/13/2017	15/811,206	10170522

0100-138USC2		Utility - CON	Issued	11/22/2018	16/198,842	10680043
0100-142USPT	PIXEL CIRCUIT, DISPLAY, AND METHOD	Utility - ORG	Issued	10/17/2018	16/162,856	10803804
0100-142USC1		Utility - CON	Issued	09/10/2020	17/016,813	11404004
0100-142USC2		Utility - CON	Allowed	06/20/2022	17/844,105	
0100-149USPT	DISPLAY SYSTEM WITH CONTROLLABLE CONNECTION	Utility - ORG	Issued	04/11/2019	16/381,577	10943540
0100-149CNPT		Utility - ORG	Issued	04/11/2019	201910290516.7	ZL201910290516.7

- **Stability Control**

File #	Title	Matter Type	Status	Date Filed	Application #	Patent #
0100-22USC1	STABLE DRIVING SCHEME FOR ACTIVE MATRIX DISPLAYS	Utility - CON	Issued	06/04/2013	13/909,177	8743096
0100-22USC2		Utility - CON	Issued	04/28/2014	14/263,628	9633597
0100-22USC3		Utility - CON	Issued	03/17/2017	15/462,529	9842544
0100-22USC4		Utility - CON	Issued	11/08/2017	15/807,339	10127860
0100-22USC5		Utility - CON	Issued	10/15/2018	16/159,944	10453397
0100-22USC6		Utility - CON	Issued	09/12/2019	16/568,511	10650754
0100-28USPT	PIXEL CIRCUIT, DISPLAY SYSTEM AND DRIVING METHOD THEREOF	Utility - ORG	Issued	04/15/2009	12/424,185	8299984
0100-28EPPX		Utility - NSPCT	Issued - Validated	04/15/2009	09733076.5	2281288
0100-28EPPX-DE		Utility - EPPAT	Issued	04/15/2009	09733076.5	2281288
0100-139USPT	PIXEL CIRCUITS FOR MITIGATION OF HYSTERESIS	Utility - ORG	Issued	12/06/2017	15/832,962	10586491

- **Low Power**

File #	Title	Matter Type	Status	Date Filed	Application #	Patent #

0100-55USPT	SYSTEMS AND METHODS FOR DISPLAY SYSTEMS WITH DYNAMIC POWER CONTROL	Utility - ORG	Issued	05/17/2012	13/474,131	9134825
0100-55USP1		Utility - CIP	Issued	08/14/2014	14/459,979	9606607
0100-55USC1		Utility - CON	Issued	02/14/2017	15/431,974	10249237
0100-55USC2		Utility - CON	Issued	02/14/2019	16/275,904	10607543
0100-55CND1		Utility - DIV	Issued	05/17/2012	201610344219.2	ZL201610344219.2
0100-55CNPX		Utility - NSPCT	Issued	05/17/2012	201280023695.4	ZL201280023695.4

- **Optical De-Mura**

File #	Title	Matter Type	Status	Date Filed	Application #	Patent #
0100-140USPT	SYSTEM AND METHOD FOR LOADING IMAGE CORRECTION DATA FOR DISPLAYS	Utility - ORG	Issued	05/17/2017	15/597,947	10714018
0100-140USC1		Utility - CON	Issued	07/13/2020	16/927,228	11410614
0100-140USC2		Utility - CON	Published	07/06/2022	17/858,498	
0100-140CND1		Utility - DIV	Published	05/17/2018	202110598944.3	
0100-140CNPT		Utility - ORG	Issued	05/17/2018	201810472761.5	ZL 201810472761.5
0100-141USPT	OPTICAL CORRECTION SYSTEMS AND METHODS FOR CORRECTING NON-UNIFORMITY OF EMISSIVE DISPLAY DEVICES	Utility - ORG	Issued	08/11/2017	15/675,095	11025899
0100-141USC1		Utility - CON	Issued	04/30/2021	17/245,090	11457206
0100-141USC2		Utility - CON	Published	08/24/2022	17/894,501	
0100-160USPT	PIXEL LOCATION CALIBRATION IMAGE CAPTURE AND PROCESSING	Utility - ORG	Published	08/21/2020	16/999,184	
0100-160USC1		Utility - CON	Pending	03/15/2023	18/184,343	
0100-160CNPX		Utility - NSPCT	Published	08/21/2020	202080068938.0	

TABLE 2 – Patent Applications in Grace Period

- **MaxLife**

File #	Title	Matter Type	Country Name	Status	Date Filed	Application #	Patent #
0100-9CNPX	METHOD AND SYSTEM FOR PROGRAMMING, CALIBRATING AND DRIVING A LIGHT EMITTING DEVICE DISPLAY	Utility - NSPCT	China	Issued	12/15/2005	200580048020.5	ZL200580048020.5
0100-9EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	12/15/2005	05819617.1	1836697
0100-9EPPX-DE		Utility - EPPAT	Germany	Issued	12/15/2005	05819617.1	1836697
0100-9EPPX-FR		Utility - EPPAT	France	Issued	12/15/2005	05819617.1	1836697
0100-9EPPX-UK		Utility - EPPAT	United Kingdom	Issued	12/15/2005	05819617.1	1836697
0100-9EPD1-DE		Utility - EPPAT	Germany	Issued	12/15/2005	11168677.0	2383720
0100-9JPPX		Utility - NSPCT	Japan	Issued	12/15/2005	2007-545796	5128287
0100-9JPD1		Utility - DIV	Japan	Issued	03/01/2012	2012-045806	5822759
0100-9JPD2		Utility - DIV	Japan	Issued	11/27/2014	2014-240307	6086893
0100-12CNPX	DRIVING CIRCUIT FOR CURRENT PROGRAMMED ORGANIC LIGHT-EMITTING DIODE DISPLAYS	Utility - NSPCT	China	Issued	02/09/2006	200680009549.0	ZL200680009549.0
0100-12EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	02/09/2006	06705133.4	1854338
0100-12EPPX-DE		Utility - EPPAT	Germany	Issued	02/09/2006	06705133.4	1854338
0100-12EPPX-FR		Utility - EPPAT	France	Issued	02/09/2006	06705133.4	1854338
0100-12EPPX-UK		Utility - EPPAT	United Kingdom	Issued	02/09/2006	06705133.4	1854338

0100-13CND1	THE SYSTEM AND METHOD FOR COMPENSATION FOR THE INHOMOGENEITIES IN LIGHT EMITTING DEVICE DISPLAY	Utility - DIV	China	Issued	11/15/2011	201610341925.1	ZL201610341925.1
0100-13CNPT1		Utility - ORG	China	Issued	11/15/2011	201110463190.7	ZL201110463190.7
0100-13CNPX2		Utility - NSPCT	China	Issued	12/15/2014	201480075889.8	ZL201480075889.8
0100-13EPPT1		Utility - ORG	European Patent Office	Issued - Validated	11/15/2011	11189176.8	2453433
0100-13EPPT1-DE		Utility - EPPAT	Germany	Issued	11/15/2011	11189176.8	2453433
0100-13DEPX2		Utility - NSPCT	Germany	Published	12/15/2014	112014005762.2	
0100-13TWPT		Utility - ORG	Taiwan	Issued	04/12/2006	095113083	I415077
0100-21CNPX	METHOD AND SYSTEM FOR LIGHT EMITTING DEVICE DISPLAYS	Utility - NSPCT	China	Issued	02/09/2007	200780013047.X	ZL200780013047.X
0100-21EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	02/09/2007	07710608.6	1987507
0100-21EPPX-DE		Utility - EPPAT	Germany	Issued	02/09/2007	07710608.6	1987507
0100-21EPPX-FR		Utility - EPPAT	France	Issued	02/09/2007	07710608.6	1987507
0100-21EPPX-GB		Utility - EPPAT	United Kingdom	Issued	02/09/2007	07710608.6	1987507
0100-21EPPX-NL		Utility - EPPAT	Netherlands	Issued	02/09/2007	07710608.6	1987507
0100-42CNPX	SYSTEM AND METHODS FOR EXTRACTING CORRELATION CURVES FOR AN ORGANIC LIGHT EMITTING DEVICE	Utility - NSPCT	China	Issued	02/04/2011	201180008188.9	ZL201180008188.9
0100-42CNPT4		Utility - ORG	China	Issued	01/06/2016	201610007145.3	ZL201610007145.3
0100-42EPD1		Utility - DIV	European Patent Office	Issued - Validated	02/04/2011	18150300.4	3324391

0100-42EPD1-DE		Utility - EPPAT	Germany	Issued	02/04/2011	18150300.4	3324391
0100-42EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	02/04/2011	11739485.8	2531996
0100-42EPPX-DE		Utility - EPPAT	Germany	Issued	02/04/2011	11739485.8	2531996
0100-44CNPX	LIFE-SPAN PARAMETER OF CONSISTENCY EXTRACTING METHOD	Utility - NSPCT	China	Issued	03/16/2011	201180014379.6	ZL201180014379.6
0100-48CND1	SYSTEM AND METHOD FOR THERMAL COMPENSATION IN AMOLED DISPLAYS	Utility - DIV	China	Issued	12/02/2011	201610285819.6	ZL201610285819.6
0100-48CNPT		Utility - ORG	China	Issued	12/02/2011	201110403023.3	ZL201110403023.3
0100-51CNPX2D1	METHOD AND SYSTEM OF EXTRACTING A CIRCUIT PARAMETER FROM A PIXEL CIRCUIT	Utility - DIV	China	Issued	03/13/2014	201711164105.0	ZL201711164105.0
0100-51CNPX2		Utility - NSPCT	China	Issued	03/13/2014	201480027893.7	ZL201480027893.7
0100-51CNPX3		Utility - NSPCT	China	Issued	12/05/2014	201480074742.7	ZL201480074742.7
0100-51CNPX3D1		Utility - DIV	China	Issued	12/05/2014	201711202814.3	ZL 201711202814.3
0100-51DEPX2	SYSTEM AND METHODS FOR EXTRACTION OF THRESHOLD AND MOBILITY PARAMETERS IN AMOLED DISPLAYS	Utility - NSPCT	Germany	Published	03/13/2014	112014001424.9	
0100-51DEPX3	Landing-based compensation and parameter extraction in Amoled displays	Utility - NSPCT	Germany	Published	12/05/2014	112014005546.8	

0100-53CNPX	IMPROVED ESTIMATING SPEED FOR COMPENSATING THE SELF ADAPTATION REPONSE SYSTEM OF AGING PIXEL REGION	Utility - NSPCT	China	Issued	11/16/2011	201180071167.1	ZL201180071167.1
0100-53CNPXD1		Utility - DIV	China	Issued	11/16/2011	201610284450.7	ZL 201610284450.7
0100-53JPPX		Utility - NSPCT	Japan	Issued	11/16/2011	2014-511964	6254077
0100-74CNPX	AN EMISSION DISPLAY DRIVE SCHEME PROVIDING COMPENSATION FOR DRIVE TRANSISTOR VARIATIONS	Utility - NSPCT	China	Issued	01/14/2014	201480008352.X	ZL201480008352.X
0100-74CND1		Utility - DIV	China	Issued	01/14/2014	201810585859.1	ZL 201810585859.1
0100-74DEPX		Utility - NSPCT	Germany	Published	01/14/2014	112014004 22.7	
0100-78EPPT	RE-INTERPOLATION WITH EDGE DETECTION FOR EXTRACTING AN AGING PATTERN FOR AMOLED DISPLAYS	Utility - ORG	European Patent Office	Issued - Validated	03/06/2014	14158051.4	2779147
0100-78EPPT-DE		Utility - EPPAT	Germany	Issued	03/06/2014	14158051.4	2779147
0100-78EPPT-FR		Utility - EPPAT	France	Issued	03/06/2014	14158051.4	2779147
0100-81CNPX	INTEGRATED COMPENSATION DATAPATH	Utility - NSPCT	China	Issued	03/13/2014	201480027136.X	ZL201480027136.X
0100-81DEPX		Utility - NSPCT	Germany	Published	03/13/2014	112014001 278.5	
0100-87CNPX	CORRECTION FOR LOCALIZED PHENOMENA IN AN IMAGE ARRANGEMENT	Utility - NSPCT	China	Issued	12/06/2014	201480074120.4	ZL 201480074120.4
0100-87DEPX		Utility - NSPCT	Germany	Published	12/06/2014	201411055 36T	
0100-88CNPX	OLED DISPLAY SYSTEM AND METHOD	Utility - NSPCT	China	Issued	12/06/2014	201480075037.9	ZL201480075037.9

0100-88DEPX		Utility - NSPCT	Germany	Published	12/06/2014	201411055 42.5	
0100-147DEPT	SCOREBOARD COMPENSATION METHOD	Utility - ORG	Germany	Published	01/31/2019	102019201 265.5	
0100-150CNPT	PIXEL MEASUREMENT THROUGH DATA LINE	Utility - ORG	China	Issued	02/12/2019	201910111 102.3	ZL 201910111 102.3
0100-150DEPT		Utility - ORG	Germany	Published	02/11/2019	102019201 746.0	

- **Intelligent Pixel**

File #	Title	Matter Type	Country Name	Status	Date Filed	Application #	Patent #
0100-6CNPX	SYSTEM AND DRIVING METHOD FOR ACTIVE MATRIX LIGHT EMITTING DEVICE DISPLAY	Utility - NSPCT	China	Issued	11/15/2005	200580046 478.7	ZL2005800 46478.7
0100-6EPD1		Utility - DIV	Europea n Patent Office	Issued - Validated	11/15/2005	11175225. 9	2383721
0100-6EPD1-DE1		Utility - EPPAT	Germany	Issued	11/15/2005	11175225. 9	2383721
0100-6TWPT		Utility - ORG	Taiwan	Issued	11/16/2005	094140360	I389085
0100-8CNPX	METHOD AND SYSTEM FOR PROGRAMMING AND DRIVING ACTIVE MATRIX LIGHT EMITTING DEVICE PIXEL	Utility - NSPCT	China	Issued	12/06/2005	200580047 767.9	ZL2005800 47767.9
0100-8CNP2		Utility - ORG	China	Issued	11/28/2017	201711214 956.1	ZL 201711214 956.1
0100-8CNP3		Utility - ORG	China	Issued	10/30/2018	201811276 229.2	ZL2018112 76229.2
0100-8EPD1		Utility - NSPCT	Europea n Patent Office	Issued - Validated	12/06/2005	11175223. 4	2388764
0100-8EPD1-DE		Utility - EPPAT	Germany	Issued	12/06/2005	11175223. 4	2388764
0100-8DEP2		Utility - ORG	Germany	Published	11/28/2017	102017221 266.7	
0100-8DEP3		Utility - ORG	Germany	Published	10/30/2018	102018218 597.2	
0100-8JPPX		Utility - NSPCT	Japan	Issued	12/06/2005	2007-544707	5459960
0100-8TWPT		Utility - ORG	Taiwan	Issued	12/07/2005	94143202	I389074

0100-11CND1	A VOLTAGE PROGRAMMED PIXEL CIRCUIT, DISPLAY SYSTEM AND DRIVING METHOD THEREOF	Utility - DIV	China	Issued	01/26/2006	200910246264.4	ZL200910462644
0100-11CNPX		Utility - NSPCT	China	Issued	01/26/2006	200680009980.5	ZL200680009980.5
0100-11EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	01/26/2006	06705080.7	1846909
0100-11EPPX-DE		Utility - EPPAT	Germany	Issued	01/26/2006	06705080.7	1846909
0100-20CNPX	METHOD AND SYSTEM FOR DRIVING AN ACTIVE MATRIX DISPLAY CIRCUIT	Utility - NSPCT	China	Issued	01/05/2007	200780007727.0	ZL200780007727.0
0100-20CNPX2		Utility - NSPCT	China	Issued	10/02/2013	201380060382.0	ZL201380060382.0
0100-20CNPX3		Utility - NSPCT	China	Issued	01/12/2017	201780006504.6	ZL201780006504.6
0100-20EPPX		Utility - NSPCT	European Patent Office	Issued - Validated	01/05/2007	07701644.2	1971975
0100-20EPPX-DE		Utility - EPPAT	Germany	Issued	01/05/2007	07701644.2	1971975
0100-20EPD1		Utility - DIV	European Patent Office	Issued – Validated	01/05/2007	12156251.6	2458579
0100-20EPD1-DE		Utility - EPPAT	Germany	Issued	01/05/2007	12156251.6	2458579
0100-20DEPX3		Utility - NSPCT	Germany	Published	01/12/2017	112017000341.5	
0100-20JPPX		Utility - NSPCT	Japan	Issued	01/05/2007	2008-549724	5164857
0100-20TWPT		Utility - ORG	Taiwan	Issued	01/09/2007	096100837	I415067
0100-22JPPX	Stable drive scheme for active matrix display	Utility - NSPCT	Japan	Issued	04/18/2007	2009-505692	5397219
0100-30JPPX	SYSTEM AND DRIVING METHOD FOR LIGHT EMITTING DEVICE DISPLAY	Utility - NSPCT	Japan	Issued	10/18/2010	2011-504297	5466694
0100-31CNPX	LOW POWER CIRCUIT AND DRIVING METHOD FOR	Utility - NSPCT	China	Issued	12/08/2009	200980148912.0	ZL200980148912.0
0100-31JPPX		Utility - NSPCT	Japan	Issued	12/08/2009	2011-539859	5715063

	EMISSIVE DISPLAYS						
0100-41CNPX2	ACTIVE MATRIX/ORGANIC LIGHT EMITTING DISPLAY AND ITS METHOD FOR SAVING ENERGY	Utility - NSPCT	China	Issued	10/06/2014	201480055123.3	ZL201480055123.3
0100-63CND1	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - DIV	China	Issued	12/09/2013	201710839485.7	ZL 201710839485.7
0100-63CNPX		Utility - NSPCT	China	Issued	12/09/2013	201380068756.3	ZL 201380068756.3
0100-63DEPX		Utility - NSPCT	Germany	Issued	12/09/2013	112013005918	112013005918
0100-63DED1		Utility - DIV	Germany	Pending	12/09/2013	112013007844.9	
0100-77CNPT	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - ORG	China	Issued	03/06/2014	201410080693	ZL201410080693
0100-77EPPT		Utility - ORG	European Patent Office	Issued - Validated	02/28/2014	14157112.5	2782090
0100-77EPPT-DE		Utility - EPPAT	Germany	Issued	02/28/2014	14157112.5	2782090
0100-145DEPT	DISPLAY, PIXEL CIRCUIT, AND METHOD	Utility - ORG	Germany	Published	11/22/2018	102018220075	
0100-146DEPT	PIXEL SWITCHING, DISPLAY AND METHOD	Utility - ORG	Germany	Published	11/22/2018	102018219989.2	

- **Generic**

File #	Title	Matter Type	Country Name	Status	Date Filed	Application #	Patent #
0100-14JPPX	PIXEL WITH ORGANIC LIGHT EMITTING DIODE AND METHOD	Utility - NSPCT	Japan	Issued	02/24/2004	2006-501428	5178006

	FOR MAKING THE PIXEL						
0100-37CNPX	LIGHT EMITTING DISPLAY, EFFICIENT PROGRAMMING FOR STABLE CURRENT SOURCE SINK, AND HIGH-SPEED CALIBRATION	Utility - NSPCT	China	Issued	11/12/2010	201080056457.4	ZL201080056457.4
0100-37JPD1		Utility - DIV	Japan	Issued	03/31/2016	2016-072396	6488254
0100-60CNP1	THIN FILM CAPACITOR	Utility - ORG	China	Issued	12/30/2014	201410844332.8	ZL201410844332.8
0100-60DEP1		Utility - ORG	Germany	Published	12/30/2014	10 2014 227 034.0	
0100-67EPPT	DRIVING SYSTEM FOR ACTIVE-MATRIX DISPLAYS	Utility - ORG	European Patent Office	Issued – Validated	02/04/2013	13153887.8	2624243
0100-67EPPT-DE		Utility - EPPAT	Germany	Issued	02/04/2013	13153887.8	2624243
0100-94DEPT	INTEGRATED GATE DRIVER	Utility - ORG	Germany	Published	03/24/2015	102015205331.8	
0100-97DEPT	DISPLAY SYSTEM	Utility - ORG	Germany	Published	02/26/2015	10 2015 203 408.9	
0100-142DEPT	PIXEL CIRCUIT, DISPLAY, AND METHOD	Utility - ORG	Germany	Published	10/17/2018	102018217781.3	

- **Stability Control**

File #	Title	Matter Type	Country Name	Status	Date Filed	Application #	Patent #
0100-28JPPX	PIXEL CIRCUIT, DISPLAY SYSTEM AND DRIVING METHOD THEREOF	Utility - NSPCT	Japan	Issued	04/15/2009	2011-504296	5467660
0100-139DEPT	PIXEL CIRCUITS FOR MITIGATION OF HYSTERESIS	Utility - ORG	Germany	Published	12/06/2017	102017222059.7	

TABLE 3 – Abandoned Patents

1. Abandoned Patent Applications in Process of Reinstatement

File #	Title	Country	Status	Detailed Status	Date Filed	Application #	Abandoned Date	Products
0100-80CND1	AMOLED DISPLAYS WITH MULTIPLE READOUT CIRCUITS	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	04/02/2019	201910260334.5	11/20/2022	MAXLIFE
0100-87CND1	CORRECTION FOR LOCALIZED PHENOMENA IN AN IMAGE ARRAY	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	08/26/2019	201910852747.2	11/20/2022	MAXLIFE
0100-88CND1	DISPLAY DEVICE AND METHOD	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	12/06/2014	201910739349.X	11/20/2022	MAXLIFE
0100-82CND1	INSPECTION SYSTEM FOR OLED DISPLAY PANELS	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	09/18/2019	201910880316.7	10/17/2022	Generic
0100-63CND2	PIXEL CIRCUITS FOR AMOLED DISPLAYS	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	06/05/2015	201910383556.6	11/17/2022	INT PIXEL
0100-77CND2	SYSTEM FOR DRIVING DISPLAY	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	09/02/2015	201910687137.1	11/20/2022	INT PIXEL
0100-77CND1	PIXEL CIRCUITS FOR AMOLED DISPLAYS	China	Abandoned	AWAITING CONFIRMATION OF REINSTATEMENT	07/03/2019	201910593541.2	11/15/2022	INT PIXEL
0100-145CNPT	DISPLAY, PIXEL CIRCUIT, AND METHOD	China	Abandoned	IN REINSTATEMENT PERIOD - STRATEGY TO REINSTATE	11/22/2018	201811397384.X	12/26/2022	INT PIXEL

2. Abandoned Patent Applications after January 1, 2022

File #	Title	Matter Type	Country Name	Status	Date Filed	Application #	Patent #	Abandoned Date	Products
0100-8CND2	METHOD AND SYSTEM FOR PROGRAMMING AND DRIVING ACTIVE MATRIX LIGHT EMITTING DEVICE PIXEL	Utility - DIV	China	Abandoned	10/30/2018	202210254386.3		05/15/2022	INT PIXEL
0100-9DEPX2	METHOD AND SYSTEM FOR PROGRAMMING, CALIBRATING AND DRIVING A LIGHT EMITTING DEVICE DISPLAY	Utility - NSPCT	Germany	Abandoned	08/06/2016	1120161103607T		02/28/2023	MAXLIFE
0100-12TWPT	DRIVING CIRCUIT FOR CURRENT PROGRAMMED ORGANIC LIGHT-EMITTING DIODE DISPLAYS	Utility - ORG	Taiwan	Abandoned	02/10/2006	095104627	I409750	03/20/2023	MAXLIFE
0100-15JPPX	METHOD AND SYSTEM FOR DRIVING A LIGHT EMITTING DEVICE DISPLAY	Utility - NSPCT	Japan	Abandoned	06/08/2006	2008-515013	5355080	03/06/2023	INT PIXEL
0100-21TWPT	METHOD AND SYSTEM FOR LIGHT EMITTING DEVICE DISPLAYS	Utility - ORG	Taiwan	Abandoned	02/09/2007	096104837	I450247	02/20/2023	MAXLIFE
0100-24CNPX	VOLTAGE-PROGRAMMING SCHEME FOR CURRENT-DRIVEN AMOLED DISPLAYS	Utility - NSPCT	China	Abandoned	06/28/2005	200580022052.8	ZL200580022052.8	12/28/2022	MAXLIFE
0100-24CND1		Utility - DIV	China	Abandoned	06/28/2005	201110434894.1	ZL201110434894.1	12/28/2022	MAXLIFE
0100-31EPPX	LOW-POWER CIRCUIT AND DRIVING METHOD FOR ACTIVE LIGHT EMITTING DISPLAY	Utility - NSPCT	European Patent Office	Abandoned	12/08/2009	20090831339		05/25/2022	INT PIXEL
0100-34CNPT	COMPENSATION TECHNIQUE FOR COLOR SHIFT IN DISPLAYS	Utility - ORG	China	Abandoned	06/17/2010	201010205837.1	ZL201010205837.1	12/17/2022	MAXLIFE
0100-35CNPT	IMPLEMENTATION OF HYBRID DRIVING SCHEME WITH MULTIPLE GAMMA CURVES	Utility - ORG	China	Abandoned	09/09/2010	201010277068.6	ZL 201010277068.6	03/09/2023	INT PIXEL

0100-39DEPX2		Utility - NSPCT	Germany	Abandoned	04/23/2014	112014002117		10/31/2022	MAXLIFE
0100-42CNPT2	SYSTEM AND METHODS FOR EXTRACTING CORRELATION CURVES FOR AN ORGANIC LIGHT EMITTING DEVICE	Utility - ORG	China	Abandoned	06/23/2015	201510348819.1	ZL201510348819.1	12/23/2022	MAXLIFE
0100-42CND2		Utility - DIV	China	Abandoned	06/23/2015	202010811518.9	ZL202010811518.9	12/23/2022	MAXLIFE
0100-42DEPT1		Utility - ORG	Germany	Abandoned	05/22/2015	102015209517.7		05/22/2022	MAXLIFE
0100-42DEPT2		Utility - ORG	Germany	Abandoned	06/24/2015	102015211677.8		06/24/2022	MAXLIFE
0100-42DEPT3		Utility - ORG	Germany	Abandoned	07/02/2015	102015212415.0		07/04/2022	MAXLIFE
0100-44EPPX	LIFETIME UNIFORMITY PARAMETER EXTRACTION METHODS	Utility - NSPCT	European Patent Office	Abandoned	03/16/2011	11755771.0		05/16/2022	MAXLIFE
0100-51EPPX	SYSTEM AND METHODS FOR EXTRACTION OF THRESHOLD AND MOBILITY PARAMETERS IN AMOLED DISPLAYS	Utility - NSPCT	European Patent Office	Abandoned	05/11/2012	12789753.6	2710579	11/30/2022	MAXLIFE
0100-51EPPX-DE		Utility - EPPAT	Germany	Abandoned	05/11/2012	12789753.6	602013078111.4	11/30/2022	MAXLIFE
0100-51DEPT		Utility - ORG	Germany	Abandoned	04/15/2015	102015206815.3		04/15/2022	MAXLIFE
0100-54EPD2	SYSTEM AND METHOD FOR FAST COMPENSATION PROGRAMMING OF PIXELS IN A DISPLAY	Utility - DIV	European Patent Office	Abandoned	05/26/2012	18181961.6	3404646	11/30/2022	INT PIXEL
0100-54EPD1		Utility - DIV	European Patent Office	Abandoned	05/26/2012	15173106.4	2945147	11/30/2022	INT PIXEL
0100-54EPD2-DE		Utility - EPPAT	Germany	Abandoned	05/26/2012	18181961.6	3404646	11/30/2022	INT PIXEL
0100-54EPD1-DE		Utility - EPPAT	Germany	Abandoned	05/26/2012	15173106.4	2945147	11/30/2022	INT PIXEL
0100-55EPPX	SYSTEM AND METHOD FOR USAGE DYNAMIC POWER CONTROL OF DISPLAY SYSTEM	Utility - NSPCT	European Patent Office	Abandoned	05/17/2012	12785333.1	2710578	11/30/2022	Low Power
0100-55EPPX-DE		Utility - EPPAT	Germany	Abandoned	05/17/2012	12785333.1	2710578	11/30/2022	Low Power
0100-57EPPX		Utility - NSPCT	European Patent Office	Abandoned	05/26/2012	12792244.1	2715710	11/30/2022	MAXLIFE

0100-57EPD1	SYSTEMS AND METHODS FOR AGING COMPENSATION IN AMOLED DISPLAYS	Utility - DIV	European Patent Office	Abandoned	05/26/2012	17195377.1	3293726	11/30/2022	MAXLIFE
0100-57EPD1-DE		Utility - EPPAT	Germany	Abandoned	05/26/2012	17195377.1	3293726	11/30/2022	MAXLIFE
0100-57EPPX-DE		Utility - EPPAT	Germany	Abandoned	05/26/2012	12792244.1	2715710	11/30/2022	MAXLIFE
0100-61EPPX	HIGH RESOLUTION DISPLAY ARCHITECTURE	Utility - NSPCT	European Patent Office	Abandoned	04/05/2013	13782028.8		07/17/2022	MAXLIFE
0100-63DEP1	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - ORG	Germany	Abandoned	06/05/2015	102015210399.4		06/05/2022	INT PIXEL
0100-70EPPT	PIXEL CIRCUITS INCLUDING FEEDBACK CAPACITOR AND RESET CAPACITOR, AND DISPLAY SYSTEM THEREFORE	Utility - ORG	European Patent Office	Abandoned	05/08/2013	13167083.8	2662852	11/30/2022	INT PIXEL
0100-70EPPT-DE		Utility - EPPAT	Germany	Abandoned	05/08/2013	13167083.8	2662852	11/30/2022	INT PIXEL
0100-72EPPX	DISPLAY SYSTEMS WITH COMPENSATION FOR LINE PROPAGATION DELAY	Utility - NSPCT	European Patent Office	Abandoned	05/22/2013	13794695.0	2852947	11/30/2022	MAXLIFE
0100-72EPPX-DE		Utility - EPPAT	Germany	Abandoned	05/22/2013	13794695.0	2852947	11/30/2022	MAXLIFE
0100-74CNP1	CLEANING COMMON UNWANTED SIGNALS FROM PIXEL MEASUREMENTS IN EMISSIVE DISPLAYS	Utility - ORG	China	Abandoned	09/23/2015	201510613617.5	ZL201510613617.5	03/23/2023	MAXLIFE
0100-77CNP1	PIXEL CIRCUITS FOR AMOLED DISPLAYS	Utility - ORG	China	Abandoned	09/02/2015	201510557564.X	ZL201510557564.X	03/02/2023	INT PIXEL
0100-77CNPX		Utility - NSPCT	China	Abandoned	06/16/2016	201680033218.4	ZL201680033218.4	12/16/2022	INT PIXEL
0100-80DEPT	COMPENSATION OF STRUCTURAL AND LOW FREQUENCY IRREGULARITIES	Utility - ORG	Germany	Abandoned	04/17/2015	102015206964.8		04/17/2022	MAXLIFE
0100-81DEPT	DISPLAY SYSTEM WITH SHARED LEVEL RESOURCES FOR PORTABLE DEVICES	Utility - ORG	Germany	Abandoned	04/08/2015	102015206281.3		10/31/2022	MAXLIFE

0100-90DEPT	ELECTRODE CONTACTS	Utility - ORG	Germany	Abandoned	12/23/2014	102014226982.2		10/02/2022	MAXLIFE
0100-138DEPT	ARRAY ARCHITECTURE WITH HIGH PIXEL DENSITY	Utility - ORG	Germany	Abandoned	11/30/2015	102015223707.9		11/30/2022	Generic
0100-140DEPT	SYSTEM AND METHOD FOR LOADING IMAGE CORRECTION DATA FOR DISPLAYS	Utility - ORG	Germany	Abandoned	05/11/2018	102018207342.2		11/30/2022	Optical De-Mura
0100-141CNPT	THE SYSTEM AND METHOD FOR OPTICAL CORRECTION FOR DISPLAY DEVICE	Utility - ORG	China	Abandoned	08/10/2018	201810910187.7		07/01/2022	Optical De-Mura
0100-141DEPT		Utility - ORG	Germany	Abandoned	08/08/2018	102018213311.5		02/28/2023	Optical De-Mura