

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
OLEDWORKS GMBH	10/30/2019

RECEIVING PARTY DATA

Name:	INTUITIVE ILLUMINATION LLC
Street Address:	1265 CREEKSIDE PARKWAY
Internal Address:	SUITE 210
City:	NAPLES
State/Country:	FLORIDA
Postal Code:	34108

PROPERTY NUMBERS Total: 26

Property Type	Number
Patent Number:	7994709
Patent Number:	8508136
Patent Number:	8310149
Patent Number:	8884848
Patent Number:	8766306
Patent Number:	8829787
Patent Number:	9485831
Patent Number:	8957599
Patent Number:	9423108
Patent Number:	10288268
Patent Number:	9231212
Patent Number:	9601719
Patent Number:	9161416
Patent Number:	9295131
Patent Number:	9748511
Patent Number:	9874314
Patent Number:	9750109
Patent Number:	9807834
Patent Number:	9923163

PATENT

Property Type	Number
Patent Number:	10305067
Patent Number:	9831467
Patent Number:	9723685
Patent Number:	9882159
Patent Number:	9942962
Application Number:	15554728
Patent Number:	10165649

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.

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Correspondent Name: PERKINS COIE LLP - PAO GENERAL

Address Line 1: P.O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	888905.0018
NAME OF SUBMITTER:	ADRIANA SERRANO
SIGNATURE:	/Adriana Serrano/
DATE SIGNED:	02/24/2023

Total Attachments: 26

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Dated October 30, 2019

OLEDWORKS GMBH,
as Pledgor

and

INTUITIVE ILLUMINATION LLC
as Pledgee

**PLEDGE AGREEMENT RELATING TO INTELLECTUAL
PROPERTY RIGHTS**
(Verpfandung feistiger Eigentumsrechte)

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THIS PLEDGE AGREEMENT RELATING TO INTELLECTUAL PROPERTY RIGHTS (the "Agreement") dated as of October 30, 2019 is hereby made by and between OLEDWORKS GMBH (the "Pledgor"), a wholly owned subsidiary of OLEDWorks LLC, and INTUITIVE ILLUMINATION LLC (the "Pledgee").

WHEREAS, pursuant to a Loan agreement of even date herewith, between OLEDWorks LLC, as borrower, (the "Borrower") and the Pledgee, as lender, (the "Loan Agreement"), the Pledgee has agreed to grant to the Borrower a convertible term loan (the "Loan") pursuant to a convertible term loan note (the "Note") in the amount of [Five Million Dollars (\$5,000,000)] to be used to pay existing indebtedness and to pay certain expenses as described in the Loan Agreement; and

WHEREAS, as a condition precedent to the granting of the Loan under the Loan Agreement to the Borrower, the Pledgee requires the Pledgor to and the Pledgor has agreed to pledge (the "Pledge") its Collateral (as defined below) to Pledgee and grant to Pledgee a first priority perfected security interest in such Collateral as security under the Loan Agreement and the Note.

NOW, IT IS AGREED as follows:

1. DEFINITIONS AND INTERPRETATION

1.1. Definitions

Unless otherwise defined herein, capitalized terms shall have the same meaning as set out in the Loan Agreement.

"Acquirer" is defined in Section 13.1.

"Agreement" is defined in the Preamble.

"Borrower" is defined in the Recitals.

"Collateral" means:

- (a) the Intellectual Property; and
- (b) all present and future claims of the Pledgor in connection with infringements of the Intellectual Property.

"German Civil Code" means the BGB (Bürgerliches Gesetzbuch).

"Intellectual Property" means the Patents solely owned by Pledgor as listed on SCHEDULE A hereto and all improvements thereto and derivatives thereof.

"Limit" is defined in Section 14.2.

"List of Collateral" is defined in Section 5.1.

“Loan” is defined in the Recitals.

“Loan Agreement” is defined in the Recitals.

“Note” is defined in the Recitals.

“Party” means a party to this Agreement, and “Parties” means all of them.

“Patent” means any and all patents, patent applications of any kind, patent rights, inventions, discoveries and invention disclosures (whether or not patented) and the foreign counterparts of any of the foregoing, and all continuations, continuations-in-part, divisions, extensions, substitutions, reissues, re-examinations and renewals of any of the foregoing.

“Patent License” is defined in Section 13.2.

“Permitted Assignee” is defined in Section 13.4.

“Pledge” is defined in Section 3.1.

“Pledgee” is defined in the Preamble.

“Pledgor” is defined in the Preamble.

“Purpose of the Pledge” is defined in Section 6.1(a).

“Secured Obligations” means all present and future liabilities and obligations at any time due, owing or incurred by the Borrower to the Pledgee under any of the Loan Documents, both actual and contingent and whether incurred solely or jointly and as principal or surety or in any other capacity. The Secured Obligations shall include any obligation based on unjust enrichment (*ungerechtfertigte Bereicherung*) or tort (*Delikt*).

“Security” is defined in Section 14.2.

1.2. Interpretation

(a) This Agreement is made in the English language only. For the avoidance of doubt, the English language version of this Agreement shall prevail over any translation of this Agreement. However, where a German translation of a word or phrase appears in the text of this Agreement, the German translation of such word or phrase shall prevail. Wherever a German legal term or concept has been used in this Agreement, such German law legal term or concept shall be authoritative for the construction. Where an English legal term or concept has been used in this Agreement, the related German legal term or concept shall be authoritative for the purpose of construction, unless specifically provided otherwise.

(b) The headings in this Agreement do not affect its interpretation.

(c) Words importing the singular include the plural and vice versa.

(d) Any reference to a Party or other person includes its respective successor(s) in law (including any universal successor (*Gesamtrechtsnachfolger*) of that person by way of merger (*Verschmelzung*), any other reorganisation contemplated in the German Transformation Act (*Umwandlungsgesetz*) or otherwise) and any assign(s) and transferee(s) of that person and, to the extent legally possible, any legal provision to the contrary is waived.

(e) References to this Agreement and any document or agreement defined herein shall be construed as references to this Agreement or such document as it may be amended, supplemented or restated from time to time. References to provisions of any law or regulation shall be construed as references to those provisions as amended, modified, re-enacted or replaced from time to time.

2. PURPOSE OF THE PLEDGE

The Pledge hereunder is constituted in order to secure the prompt and complete satisfaction of all Secured Obligations. The Pledge shall also cover any future extension of the Secured Obligations and the Pledgor herewith expressly agrees that the provisions of section 1210 paragraph 1 sentence 2 of the German Civil Code shall not apply to this Agreement.

3. PLEDGE

3.1. The Pledgor hereby individually and simultaneously pledges to the Pledgee its Collateral (the "Pledge").

3.2. The Pledgee hereby accepts the Pledge.

3.3. The Pledge is in addition, and without prejudice, to any other security the Pledgee may now or hereafter hold in respect of the Secured Obligations.

3.4. Waiving section 418 of the German Civil Code, the Parties to this Agreement hereby agree that the security created hereunder shall not be affected by any transfer or assumption (*Vertragsubernahme*) of the Secured Obligations to, or by, any third party.

3.5. Insofar as the Pledgee may require additional declarations or actions for perfecting, protecting or enforcing the Pledge intended to be created by this Agreement, the Pledgor shall, at the Pledgee's request, make such declarations or undertake such actions at their own expense.

3.6. The Pledgee may, at its sole discretion and at its own costs, register the Pledge with the appropriate public registry. If such registration is legally required for the Pledge to become effective, the costs shall be borne by the Pledgor.

3.7. Whilst the Pledge extends to all of the Collateral (whether governed by German law or the laws of any other jurisdiction), nothing in this Agreement shall be construed as a representation or warranty that the Pledge actually creates a validly perfected security interest in any Collateral which is not governed by German law.

4. EXERCISE OF RIGHTS

Unless the Pledgee gives notice to the contrary, upon the occurrence of an Event of Default pursuant to Section 9 Realization of the Pledge below, the Pledgor shall have the right to exercise all rights and powers in connection with the Collateral in any manner not prohibited by the provisions of this Agreement.

5. LIST OF COLLATERAL

5.1. The Collateral existing as of the time of this Agreement is listed on the attached SCHEDULE A (the "List of Collateral"). The List of Collateral is for notification purposes only. If for any reason whatsoever the Collateral is not or incompletely contained in the List attached hereto as SCHEDULE A, the pledge of the Collateral shall not be affected thereby.

5.2. For the purpose of examining or ascertaining the Collateral, the Pledgee or any representative of its choice is entitled, acting reasonably, to demand delivery of any documentation or records in Pledgor's possession or control concerning the Collateral. The Pledgor shall provide all necessary information and shall allow full access to any such documentation and records respectively.

5.3. If the Pledgor employs a third party for its bookkeeping or data-processing then the Pledgor hereby authorizes the Pledgee to obtain the List directly from the respective third party at the Pledgor's expense.

6. UNDERTAKINGS OF THE PLEDGOR

During the term of this Agreement, the Pledgor undertakes to the Pledgee:

6.1. not to take, or participate in,

(a) any action which would for any other reason be inconsistent with the security interest of the Pledgee or the security purpose ("Purpose of the Pledge") above); and

(b) any action which would defeat, impair or circumvent the rights of the Pledgee, except, in each case, with the prior written consent of the Pledgee;

6.2. Intentionally omitted.

6.3. to promptly inform the Pledgee (specifying in reasonable detail the substance of any such dispute or allegation), if a third party disputes the validity of the Collateral or alleges that the Collateral violates the rights of third parties and, to the extent the Pledgor is required to preserve and maintain the subsistence and validity of the Collateral, to assert all

commercially reasonable claims and to litigate if this is commercially reasonably required for the defence against the alleged claims;

6.4. to promptly inform the Pledgee, by notification in writing, of all events which may adversely affect the security interest of the Pledgee created by this Agreement; and

6.5. to inform the Pledgee promptly of any attachment and transfer of garnished claims (*Pfandung und Oberweisung*) in respect of the Collateral or any part thereof or any other measures which may materially impair the Pledgee's rights relating thereto. In the event of an attachment, the Pledgor undertakes to forward to the Pledgee without undue delay a copy of the attachment order (*Pfandungsbeschluss*), the garnishee order (*Uberweisungsbeschluss*) and all other documents necessary for a defence against the attachment. The Pledgor shall inform the attaching creditor immediately of the Pledgee's security interests.

6.6. Notwithstanding Section 6.1 to Section 6.5 above, the Pledgor shall only be obliged to maintain and defend the Intellectual Property to the extent commercially reasonable. In each case the Pledgor decides that the maintenance or defense of a part of the Intellectual Property is not commercially reasonable, the Pledgor shall immediately notify the Pledgee and offer to transfer this part of the Intellectual Property to the Pledgee for no consideration. If the Pledgee does not accept the transfer, the Pledgor shall be free of its obligations under Section 6.1 to Section 6.5 with regard to this part of the Intellectual Property.

7. REPRESENTATIONS AND WARRANTIES

The Pledgor represents and warrants to the Pledgee that:

7.1. it is the sole legal and beneficial owner of the Collateral, free from encumbrances (other than the Pledge created hereunder) and it has the right to pledge the Collateral without the consent of any party or any regulatory authority or - where necessary - has obtained such consent;

7.2. any registered Collateral is validly existing as at the date hereof and it has not received any notice or other information that may result in a nullification of such Collateral from the respective registers (*Loschung*);

7.3. subject to legal reservations, the Pledgee will have as security for any and all Secured Obligations, a validly perfected first priority security interest in the Collateral of the Pledgor or over the proceeds from any enforcement of the Collateral in accordance with Section 9.1 below, and the Pledge created under this Agreement is enforceable without enforceable judgment or other instrument (*vollstreckbarer Titel*); and

7.4. the execution, delivery and performance of this Agreement will not violate any provision or any requirement of law or contractual obligation of the Pledgor and will not result in the creation or imposition of any lien on any of the properties or assets of the

Pledgor pursuant to any requirement of law or contractual obligation, except the liens created pursuant to this Agreement.

8. REGISTRATION OF THE PLEDGE

8.1. Upon the occurrence of an Event of Default;

(a) the Pledgee may at any time thereafter register any Collateral with the appropriate public registry; and

(b) the Pledgor shall, at its own expense, render forthwith all necessary assistance in order to facilitate the prompt registration of the Pledge.

8.2. In the case of a registration of the Pledge under Section 8.1,

(a) the Pledgor shall promptly provide the Pledgee with all documents of title and other documents in its possession or control relating to the Collateral; and

(b) the Pledgor shall bear all reasonable expenses which the Pledgee may incur in connection with the registration of the Pledge.

8.3. The Pledgor hereby expressly authorizes the Pledgee to proceed with any such registration pursuant to this Section 8 and to take all necessary actions in connection therewith.

9. REALIZATION OF THE PLEDGE

9.1. If an Event of Default has occurred and the requirements set forth in sections 1204 *et seq.* of the German Civil Code with regard to the enforcement of the Pledge is met (*Pfandreife*), then in order to enforce the Pledge, the Pledgee may at any time thereafter avail itself of all rights and remedies that a pledgee has upon default of a pledgor under the laws of the Federal Republic of Germany; provided, however, that Pledgee shall not seek to enforce the Pledge unless Pledgee has first sought to enforce the Guarantor's Obligations pursuant to the terms and conditions in the Loan Agreement and such enforcement of the Guarantor's Obligations has failed to satisfy in full the Secured Obligations.

9.2. Notwithstanding section 1277 of the German Civil Code, the Pledgee is entitled to exercise its rights without obtaining enforceable judgment or other instrument (*vollstreckbarer Titel*) by way of public auction.

9.3. The Pledgor hereby expressly agrees that 5 (five) Business Days' prior written notice to the Pledgor of the place and time of any such public auction shall be sufficient. The public auction may take place at any place in the Federal Republic of Germany designated by the Pledgee. However, such notification is not necessary if (i) the Borrower has generally ceased to make payments (*Zahlungseinstellung*), (ii) an application for the institution of insolvency proceedings is filed by or against the Pledgor or the Borrower (unless such application is frivolous or vexatious or such application has been contested in good faith) or (iii) there is reason to believe that observance of the notice period

will adversely affect the legitimate interest (*berechtigte Interessen*) or the security interest of the Pledgee.

9.4. If the Pledgee seeks to enforce the Pledge under Section 9.1 above, the Pledgor shall, at its own expense, render forthwith all necessary assistance in order to facilitate the prompt sale of the Collateral or any part thereof or the exercise by the Pledgee of any other right it may have as a pledgee.

9.5. If the Pledge is enforced, no rights of the Pledgee shall pass to the Pledgor by subrogation or otherwise unless and until all of the Secured Obligations have been satisfied and discharged in full. Until then, the Pledgee shall be entitled to treat all enforcement proceeds as additional security for the Secured Obligations, or to seek satisfaction from such proceeds at any time.

9.6. Following satisfaction of the requirements for enforcement under Section 9.1 above, all subsequent royalties payments and all payments based on similar ancillary rights attributed to the Collateral may be applied by the Pledgee in satisfaction in whole or in part of the Secured Obligations or treated as additional security for the Secured Obligations.

9.7. The Pledgee may, in its sole discretion, determine which of several security interests, if applicable, shall be used to satisfy the Secured Obligations. The Pledgor hereby expressly waives its right pursuant to section 1230 sentence 2 of the German Civil Code.

9.8. The Pledgor hereby expressly waives all defenses of revocation (*Einrede der Anfechtbarkeit*) and set-off (*Einrede der Aufrechnungbarkeit*) pursuant to sections 770, 1211 of the German Civil Code. In case of enforcement, section 1225 of the German Civil Code (*Forderungsübergang auf den Verpfänder*) shall not apply.

9.9. In the case of a sale of the Collateral, the Pledgor shall promptly provide the Pledgee with all documents of title and other documents in its possession or control relating to the Collateral.

9.10. The Pledgor shall bear all reasonable (*angemessene*) expenses (including, but not limited to court costs and attorneys' fees) which the Pledgee may incur in connection with the realization of the Collateral.

10. LIABILITY AND INDEMNITY

The Pledgee shall not be liable for any loss or damage suffered by the Pledgor save in respect of such loss or damage which is suffered as a result of the willful misconduct (*Vorsatz*) or gross negligence (*grobe Fahrlässigkeit*) of the Pledgee.

11. BOOKKEEPING AND DATA-PROCESSING

11.1. If proof or documents which are necessary to identify the Collateral have been handed over by the Pledgor to a third party (in particular a bookkeeping firm, a tax consultant or patent or similar agent), the Pledgor hereby assigns to the Pledgee, who accepts such assignment, its right to demand from such third party the return of the information and documents. Following

an Event of Default pursuant to Section 9 Realization of the Pledge above, the Pledgor hereby undertakes to instruct the third party to provide the Pledgee upon its demand with such information and documents which are necessary to perfect and/or enforce the security created hereby.

11.2. If details concerning the Collateral or any part thereof have been stored in an electronic data-processing system, then upon an Event of Default pursuant to Section 9 Realization of the Pledge above, the Pledgor shall allow the Pledgee access to the computer, including the peripheral equipment and all data concerning the respective Intellectual Property or such part thereof. Moreover, software operators shall be made available insofar as so required, and any assistance required shall be provided to the Pledgee. If a third party handles the electronic processing of data, then upon an Event of Default pursuant to Section 9 Realization of the Pledge above, the Pledgor hereby assigns to the Pledgee, who accepts such assignment, all rights against such third party relating to these services, and instructs such third party to handle the processing of data for the Pledgee upon its demand acting reasonably as it did for the Pledgor.

11.3. At all times prior to an Event of Default pursuant to Section 9 Realization of the Pledge above, the Pledgee authorizes the Pledgor to exercise the rights assigned to the Pledgee pursuant to Section 11.1 above.

12. POWER OF ATTORNEY

12.1. The Pledgor irrevocably appoints the Pledgee to be its attorney (*Stellvertreter*) in connection with the Collateral and to execute all such documents or instruments on its behalf and in its name and to perform all such acts which the Pledgor is obliged to perform under this Agreement but which the Pledgor failed to execute and/or perform, as the case may be, and such acts and/or such failure is/are not remedied within 10 (ten) Business Days of the earlier of (i) the Pledgee giving notice to the Pledgor and (ii) the Pledgor becoming aware of the failure to comply.

12.2. The Pledgor ratifies and confirms and agrees to ratify and confirm whatever the Pledgee shall do or purport to do in the exercise or purported exercise of all or any of its powers referred to in Section 12.1 above.

12.3. The Pledgor hereby relieves the Pledgee from the restrictions pursuant to section 181 of the German Civil Code and similar restrictions applicable to it pursuant to any other applicable law, in each case to the extent legally possible. If the Pledgor is barred by its constitutional documents or by-laws from granting such exemption it shall notify the Pledgee accordingly.

13. LICENSE OF PATENTS

13.1. In the event the Pledge is enforced and the Collateral is realized by Pledgee pursuant to Section 9 Realization of the Pledge, the realization shall only be executed upon the condition that the acquirer of the Collateral (the "Acquirer") grants to Pledgor a license to the Collateral under the conditions set out in Sections 13.2 to 13.6.

13.2. Acquirer shall to grant to Pledgor a non-exclusive, non-transferable (subject to Section 13.3), worldwide and fully paid-up (subject to Section 13.5) license, without the right to grant sub-licenses, under the pledged Patents to develop, have developed, make, purchase, use, manufacture, sell, offer to sell and/or import products and services and finished products and related services (the "Patent License"). Notwithstanding the foregoing, Acquirer shall grant to Pledgor the Patent Licenses with arms' length royalty payments in exchange for the use of such non-exclusive licenses.

13.3. The Patent License includes the right to have products made by a third party for the use, sale or other disposal by the Pledgor.

13.4. The Patent License may be assigned by Pledgor only with the prior written consent of Acquirer, which shall not be unreasonably withheld, provided that such assignee ("Permitted Assignee") will confirm to Acquirer in writing its commitment to be bound by the provisions of this Section 13 prior to such assignment becoming effective and further subject to the condition that the Patent License assigned shall only be for the Business (as conducted at the date of the grant of the Patent License) and not for any existing or other business of such Permitted Assignee.

13.5. The Pledgor shall have the right to register the Patent License with the respective patent offices; the Acquirer shall sign and execute all such documents and do such things as are necessary and reasonably requested for the registration of the Patent License.

13.6. The Patent License may be revoked and terminated by Acquirer in the event of a breach by Pledgor (or its Permitted Assignee) of the terms of this Section 13 that is not curable or, if curable, is not cured within thirty (30) days after written notice by Acquirer to Pledgor (or its Permitted Assignee), specifying the breach and requiring it to be remedied.

14. DURATION AND INDEPENDENCE

14.1. This Agreement shall remain in full force and effect until complete satisfaction of the Secured Obligations. The Pledge shall not cease to exist if the Pledgor has only temporarily discharged the Secured Obligations.

14.2. This Agreement shall create a continuing security and no change, amendment, restatement or supplement whatsoever in the Loan Agreement or the Note shall affect the validity or the scope of this Agreement nor the obligations which are imposed on the Pledgor pursuant to it.

14.3. This Agreement is independent from any other security or guarantee which may have been or will be given to the Pledgee. None of such other security shall prejudice, or shall be prejudiced by, or shall be merged in any way with this Agreement.

15. RELEASE (PFANDFREIGABE)

15.1. Upon complete and irrevocable satisfaction of the Secured Obligations, the Pledgee will as soon as reasonably practical declare the release of the Pledge (*Pfandfreigabe*)

to the Pledgor as a matter of record. For the avoidance of doubt, the parties are aware that upon full and complete satisfaction of the Secured Obligations, the Pledge, due to its accessory nature (*Akzessorietit*), ceases to exist by operation of German mandatory law.

15.2. At any time when the total value of the aggregate security granted by the Pledgor to secure the Secured Obligations ("Security") which can be expected to be realized in the event of an enforcement of the Security (*realisierbarer Wert*) not only temporarily exceeds 110% of the Secured Obligations ("Limit"), the Pledgee shall on demand of the Pledgor release such part of the Security (*Sicherheitenfreigabe*) as the Pledgee may in its reasonable discretion determine so as to reduce the realisable value of the Security to the Limit.

15.3. If an amount paid by the Pledgor to the Pledgee under the Loan Agreement or the Note is capable of being avoided or otherwise set aside on the liquidation, administration, winding-up or other similar proceeding in the jurisdiction of the Pledgor or otherwise, then such amount shall not be considered to have been finally and irrevocably paid for the purposes hereof.

16. PARTIAL INVALIDITY; WAIVER

16.1. If at any time, any one or more of the provisions hereof is or becomes invalid, illegal or unenforceable in any respect under the law of any relevant jurisdiction, such provision shall as to such jurisdiction, be ineffective to the extent necessary without affecting or impairing the validity, legality and enforceability of the remaining provisions hereof or of such provisions in any other jurisdiction. The invalid or unenforceable provision shall be deemed replaced by such valid, legal or enforceable provision which comes as close as possible to the original intent of the parties and the invalid, illegal or unenforceable provision. The aforesaid shall apply *mutatis mutandis* to any gap in this Agreement.

16.2. No failure to exercise, nor any delay in exercising, on the part of the Pledgee, any right or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right or remedy prevent any further or other exercise thereof or the exercise of any other right or remedy. The rights and remedies provided hereunder are cumulative and not exclusive of any rights or remedies provided by law.

17. AMENDMENTS

This Agreement may be amended, modified or waived only in writing in an agreement signed by the Pledgee. This also applies to this Section 16.

18. NOTICES AND THEIR LANGUAGE

18.1. Any notice or other communication under or in connection with this Agreement shall be in writing (by fax or letter), by electronic mail or attached as an electronic photocopy to electronic mail requiring confirmation of receipt either in writing or by electronic mail, respectively and must be sent to:

If to Pledgor: **OLEDWorks GmbH**
c/o 1645 Lyell Ave., Suite 140
Rochester, New York 14606
Attn: David DeJoy
Email: ddejoy@oledworks.com

With a copy to:

Merzbach & Solomon P.C.
73 State Street
Suite 400
Rochester, New York 14614
Attention: Steven Solomon, Esq.
Email: ssolomon@merzbachlaw.com

If to Pledgee: **Intuitive Illumination LLC**
1265 Creekside Parkway, Suite 210
Naples, Florida 34108
Attn: Daniel Hall
Email: daniel.hall@krisdanfamily.com

With a copy to:

Perkins Coie LLP
131 S. Dearborn Street, Suite 1700
Chicago, IL 60603
Attention: Domingo P. Such, Esq.
Email: DSuch@perkinscoie.com

or to such other address as the recipient may notify or may have notified to the other party in writing. For reasons of technical practicality, electronic communication may be sent in unencrypted form, even if the content may be subject to confidentiality and banking secrecy.

18.2. Any notice or other communication under or in connection with this Agreement shall be in the English language or, if in any other language, accompanied by a translation into the English language. In the event of any conflict between the English text and the text in any other language, the English text shall prevail.

19. COUNTERPARTS

19.1. The Parties may choose to conclude this Agreement by an exchange of signed signature (page(s), transmitted by means of telecommunication (*telekommunikative Übermittlung*) by way of fax or attached as an electronic photocopy (pdf., tif., etc.) to electronic mail.

19.2. This Agreement may be executed in any number of counterparts and by the different parties hereto on separate counterparts each of which, when so executed and delivered,

shall be an original but all the counterparts shall together constitute but one and the same instrument.

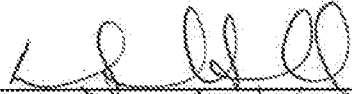
20. APPLICABLE LAW; JURISDICTION

20.1. This Agreement, all rights and obligations and any non-contractual obligations arising out of or in connection with this Agreement shall be governed by, and construed in accordance with, German law excluding the German conflicts of law rules.


20.2. The courts of Frankfurt am Main, Germany, shall have exclusive jurisdiction to settle any dispute arising out of or in connection with this Agreement (including any dispute relating to the existence, validity or termination of this Agreement or any non-contractual obligations arising out of or in connection with this Agreement). The Parties agree that the courts of Frankfurt am Main, Germany are the most appropriate and convenient courts to settle any such dispute. The Pledgee however, shall also be entitled to take action against the Pledgor in any other court of competent jurisdiction. Further, the taking of proceedings against the Pledgor in any one or more jurisdictions shall not preclude the taking of proceedings in any other jurisdiction, whether concurrently or not, if and to the extent permitted by applicable law.

THIS PLEDGE AGREEMENT RELATING TO INTELLECTUAL PROPERTY RIGHTS has been entered into on the date stated at the beginning by

INTUITIVE ILLUMINATION LLC
as Pledgee

By: 
Name: David Helf
Title: Vice-President Krishna mouli
manoj

OLEDWorks GmbH
as Pledgor

By: 
Name: David DeJoy
Title: Managing Director

SCHEDULE A
LIST OF COLLATERAL

SEE ATTACHED

146100626.2

Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2005P01537TW	Organic light emitting diode with substantially increased light output	Utility - ORG	Taiwan R.O.C.	Issued	095119403	Jun 1, 2006	4491309	Jul 1, 2015
2005P01537WOCN	Organic light emitting diode with substantially increased light output	Utility - NSPCT	China	Issued	200680019498.X	May 30, 2006	200680019498.X	Dec 2, 2009
2005P01537WOKR	Organic light emitting diode with substantially increased light output	Utility - NSPCT	Republic of Korea	Issued	10-2008-7000137	May 30, 2006	10-1431254	Aug 11, 2014
2005P02642TW	OLED device with aging compensation	Utility - ORG	Taiwan R.O.C.	Issued	0951135616	Sep 26, 2006	1415078	Nov 11, 2013
2005P02642WE	A METHOD OF COMPENSATING AN AGING PROCESS OF AN ILLUMINATION DEVICE	Utility - NSPCT	European Patent Office	Issued	06821108.5	Sep 19, 2006	EP1932137	Jul 13, 2016
2005P02642WOCN	OLED device with aging compensation	Utility - NSPCT	China	Issued	200680036061.7	Sep 19, 2006	200680036061.7	Apr 13, 2011
2005P02642WOJP	OLED device with aging compensation	Utility - NSPCT	Japan	Issued	08-532924	Sep 19, 2006	5268643	May 17, 2013
2005P02642WOKR	OLED device with aging compensation	Utility - NSPCT	Republic of Korea	Issued	10-2008-7010198	Sep 19, 2006	10-1333025	Nov 20, 2013
2005PF02642DE	A METHOD OF COMPENSATING AN AGING PROCESS OF AN ILLUMINATION DEVICE	Utility - EPPAT	Germany	Issued	06821108.5	Sep 19, 2006	60 2006 049 608.7	Jul 13, 2016
2005PF02642FR	A METHOD OF COMPENSATING AN AGING PROCESS OF AN ILLUMINATION DEVICE	Utility - EPPAT	France	Issued	06821108.5	Sep 19, 2006	EP1932137	Jul 13, 2016
2005PF02642GB	A METHOD OF COMPENSATING AN AGING PROCESS OF AN ILLUMINATION DEVICE	Utility - EPPAT	United Kingdom	Issued	06821108.5	Sep 19, 2006	EP1932137	Jul 13, 2016
2006P00798WOUS	OLED DEVICE EMPLOYING A METAL THIN-FILM CONNECTED TO A HIGH-CURRENT CABLE	Utility - NSPCT	United States of America	Issued	12/300,374	May 11, 2007	7994709	Aug 9, 2011
2008P01196WE	Tagged OLED device	Utility - ORG	European Patent Office	Issued	09787038.0	Aug 28, 2009	2324683	Feb 25, 2015
2008P01196WEDE	Tagged OLED device	Utility - EPPAT	Germany	Issued	09787038.0	Aug 28, 2009	602009029624.8	Feb 25, 2015

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2008P01196WEFR	Tagged OLED device	Utility - EPPAT	France	Issued	09787038.0	Aug 28, 2009	2324683	Feb 25, 2015
2008P01196WEGB	Tagged OLED device	Utility - EPPAT	United Kingdom	Issued	09787038.0	Aug 28, 2009	2324683	Feb 25, 2015
2008P01196WOCN	Tagged OLED device	Utility - NSPCT	China	Issued	200980135207.7	Aug 28, 2009	200980135207.7	Mar 19, 2014
2008P01196WOJP	Tagged OLED device	Utility - NSPCT	Japan	Issued	2011-525654	Aug 28, 2009	5637604	Oct 31, 2014
2008P01196WOKR	OLED LIGHTING DEVICE WITH TAG ELEMENT	Utility - NSPCT	Republic of Korea	Issued	10-2011-7008131	Aug 28, 2009	10-1669147	Oct 19, 2016
2008P01196WOUUS	Tagged OLED device	Utility - NSPCT	United States of America	Issued	13/061,617	Aug 28, 2009	8508136	Aug 13, 2013
2008P01312WE	Single-side-emissive-transparent lamp	Utility - ORG	European Patent Office	Issued	09744200.8	Oct 19, 2009	2340580	May 3, 2017
2008P01312WEDE	Single-side-emissive-transparent lamp	Utility - EPPAT	Germany	Issued	09744200.8	Oct 19, 2009	60 2009 045 849.3	May 3, 2017
2008P01312WEFR	Single-side-emissive-transparent lamp	Utility - EPPAT	France	Issued	09744200.8	Oct 19, 2009	2340580	May 3, 2017
2008P01312WEGB	Single-side-emissive-transparent lamp	Utility - EPPAT	United Kingdom	Issued	09744200.8	Oct 19, 2009	2340580	May 3, 2017
2008P01312WOCN	TRANSPARENT OLED DEVICE	Utility - NSPCT	China	Issued	200980141832.2	Oct 19, 2009	200980141832.2	Jun 23, 2017
2008P01312WOJP	Single-side-emissive-transparent lamp	Utility - NSPCT	Japan	Issued	2011-531622	Oct 19, 2009	5950079	Jun 17, 2016
2008P01312WOUUS	Single-side-emissive-transparent lamp	Utility - NSPCT	United States of America	Issued	13/125,059	Oct 19, 2009	8310149	Nov 13, 2012
2009P00444WE	Driver strategy for improved lifetime of OLED devices	Utility - ORG	European Patent Office	Issued	10719613.1	May 5, 2010	2430880	Oct 8, 2014
2009P00444WEDE	Driver strategy for improved lifetime of OLED devices	Utility - EPPAT	Germany	Issued	10719613.1	May 5, 2010	602010019389.6	Oct 8, 2014
2009P00444WEFR	Driver strategy for improved lifetime of OLED devices	Utility - EPPAT	France	Issued	10719613.1	May 5, 2010	2430880	Oct 8, 2014
2009P00444WEGB	Driver strategy for improved lifetime of OLED devices	Utility - EPPAT	United Kingdom	Issued	10719613.1	May 5, 2010	2430880	Oct 8, 2014
2009P00444WOCN	Driver strategy for improved lifetime of OLED devices	Utility - NSPCT	China	Issued	201080020793.3	May 5, 2010	ZL201080020793.3	Mar 23, 2016
2009P00444WOJP	Driver strategy for improved lifetime of OLED devices	Utility - NSPCT	Japan	Issued	2012-510403	May 5, 2010	5904551	Mar 25, 2016
2009P00444WOKR	Driver strategy for improved lifetime of OLED devices	Utility - NSPCT	Republic of Korea	Issued	10-2011-7029509	May 5, 2010	10-1669100	Oct 19, 2016

Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Master Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2009P00444W0U5	Driver strategy for improved lifetime of OLED devices	Utility - NSPCT	United States of America	Issued	13/320,027	May 5, 2010	8884848	Nov 11, 2014
2010P00496WE	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - ORG	European Patent Office	Issued	11729756.4	Jun 15, 2011	EP2583328	Aug 2, 2017
2010P00496WEDE	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - EPPAT	Germany	Issued	11729756.4	Jun 15, 2011	602011040144.0	Aug 2, 2017
2010P00496WEFR	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - EPPAT	France	Issued	11729756.4	Jun 15, 2011	EP2583328	Aug 2, 2017
2010P00496WEGB	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - EPPAT	United Kingdom	Issued	11729756.4	Jun 15, 2011	EP2583328	Aug 2, 2017
2010P00496WOCN	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - NSPCT	China	Issued	201180030127.2	Jun 15, 2011	ZL201180030127.2	Jun 15, 2016
2010P00496WOJP	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - NSPCT	Japan	Issued	2013-514821	Jun 15, 2011	6058593	Dec 16, 2016
2010P00496W0U5	TRANSPARENT LIGHT EMITTING DEVICE WITH CONTROLLED EMISSION	Utility - NSPCT	United States of America	Issued	13/704,730	Jun 15, 2011	8766306	Jul 1, 2014
2010P00646WE	METHOD OF MANUFACTURING AN OLED	Utility - ORG	European Patent Office	Issued	11744090.9	Jul 11, 2011	2593980	Mar 27, 2019
2010P00646WEDE	METHOD OF MANUFACTURING AN OLED	Utility - EPPAT	Germany	Issued	11744090.9	Jul 11, 2011	60 2011 057 523.6	Mar 27, 2019
2010P00646WEFR	METHOD OF MANUFACTURING AN OLED	Utility - EPPAT	France	Issued	11744090.9	Jul 11, 2011	2593980	Mar 27, 2019
2010P00646WEGB	METHOD OF MANUFACTURING AN OLED	Utility - EPPAT	United Kingdom	Issued	11744090.9	Jul 11, 2011	2593980	Mar 27, 2019
2010P00646WOCN	AN OLED DEVICE AND METHOD OF MANUFACTURING THE SAME	Utility - NSPCT	China	Issued	201180035011.8	Jul 11, 2011	ZL201180035011.8	Mar 2, 2016
2010P00646WOJP	METHOD OF MANUFACTURING AN OLED	Utility - NSPCT	Japan	Issued	2013-519198	Jul 11, 2011	5892707	Mar 4, 2016

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2010P00646WOKR	METHOD OF MANUFACTURING AN OLED	Utility - NSPCT	Republic of Korea	Issued	10-2013-7003869	Jul 11, 2011	10-1947194	Feb 1, 2019
2010P00646WOUS	METHOD OF MANUFACTURING AN OLED	Utility - NSPCT	United States of America	Issued	13/810,261	Jul 11, 2011	8829787	Sep 9, 2014
2010P00721US	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - ORG	United States of America	Issued	14/623,709	Feb 17, 2015	9485831	Nov 1, 2016
2010P00721WE	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - ORG	European Patent Office	Issued	11744074.3	Jul 4, 2011	2591639	Mar 2, 2016
2010P00721WEDE	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - EPPAT	Germany	Issued	11744074.3	Jul 4, 2011	602011023636.9	Mar 2, 2016
2010P00721WEFR	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - EPPAT	France	Issued	11744074.3	Jul 4, 2011	2591639	Mar 2, 2016
2010P00721WEGB	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - EPPAT	United Kingdom	Issued	11744074.3	Jul 4, 2011	2591639	Mar 2, 2016
2010P00721WOCN	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - NSPCT	China	Issued	201180034052.5	Jul 4, 2011	103053222.8	Jan 13, 2016
2010P00721WOJP	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - NSPCT	Japan	Issued	2013-517650	Jul 4, 2011	5894982	Mar 4, 2016
2010P00721WOUS	SUPERVISION CIRCUIT FOR ORGANIC LIGHT EMITTING DIODE	Utility - NSPCT	United States of America	Issued	13/809,256	Jul 4, 2011	8957599	Feb 17, 2015
2010P01146 & 2010P01147	are co-assigned with OSRAM							
2010P01146EP	SOCKET FOR A LAMP HAVING AN OLED ILLUMINANT	Utility - NSPCT	European Patent Office	Issued	11773243.8	Oct 18, 2011	2630403	Dec 14, 2016
2010P01146WEDE	SOCKET FOR A LAMP HAVING AN OLED ILLUMINANT	Utility - EPPAT	Germany	Issued	11773243.8	Oct 18, 2011	50 2011 011 355.2	Dec 14, 2016
2010P01146WEFR	SOCKET FOR A LAMP HAVING AN OLED ILLUMINANT	Utility - EPPAT	France	Issued	11773243.8	Oct 18, 2011	2630403	Dec 14, 2016
2010P01146WEGB	SOCKET FOR A LAMP HAVING AN OLED ILLUMINANT	Utility - EPPAT	United Kingdom	Issued	11773243.8	Oct 18, 2011	2630403	Dec 14, 2016
2010P01146WOCN	Socket for a lamp having an OLED illuminant	Utility - NSPCT	China	Issued	201180060769.7	Oct 18, 2011	CN103403440	Feb 10, 2016
2010P01146WOJP	Socket for a lamp having an OLED illuminant	Utility - NSPCT	Japan	Issued	2013-534298	Oct 18, 2011	5768291	Jul 3, 2015
2010P01146WOKR	Socket for a lamp having an OLED illuminant	Utility - NSPCT	Republic of Korea	Issued	10-2013-7012668	Oct 18, 2011	10-1916653-0000	Nov 8, 2018

PATENT

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2010P01146WQUS	Socket for a lamp having an OLED illuminant	Utility - NSPCT	United States of America	Issued	13/880,228	Oct 18, 2011	9423108	Aug 23, 2016
2010P01147WE	OLED illuminant for a lamp	Utility - NSPCT	European Patent Office	Issued	11771136.6	Oct 18, 2011	2630407	Mar 29, 2017
2010P01147WEDE	OLED illuminant for a lamp	Utility - EPPAT	Germany	Issued	11771136.6	Oct 18, 2011	502011011948.8	Mar 29, 2017
2010P01147WEFR	OLED illuminant for a lamp	Utility - EPPAT	France	Issued	11771136.6	Oct 18, 2011	2630407	Mar 29, 2017
2010P01147WEGB	OLED illuminant for a lamp	Utility - EPPAT	United Kingdom	Issued	11771136.6	Oct 18, 2011	2630407	Mar 29, 2017
2010P01147WOCN	OLED illuminant for a lamp	Utility - NSPCT	China	Issued	201180060760.6	Oct 18, 2011	ZL201180060760.6	Oct 19, 2016
2010P01147WOJP	OLED illuminant for a lamp	Utility - NSPCT	Japan	Issued	2013-534297	Oct 18, 2011	5986091	Sep 6, 2016
2010P01147WOKR	OLED illuminant for a lamp	Utility - NSPCT	Republic of Korea	Issued	10-2013-7012677	Oct 18, 2011	10-1916654-0000	Nov 8, 2018
2010P01147WQUS	OLED illuminant for a lamp	Utility - NSPCT	United States of America	Issued	13/880,156	Oct 18, 2011	10288268	May 14, 2019
2011P00522WE	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - ORG	European Patent Office	Issued	12726220.2	May 15, 2012	2715830	Aug 28, 2019
2011P00522WEDE	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - EPPAT	Germany	Issued	12726220.2	May 15, 2012	2715830	Aug 28, 2019
2011P00522WEFR	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - EPPAT	France	Issued	12726220.2	May 15, 2012	2715830	Aug 28, 2019
2011P00522WEGB	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - EPPAT	United Kingdom	Issued	12726220.2	May 15, 2012	2715830	Aug 28, 2019
2011P00522WOCN	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - NSPCT	China	Issued	201280024681.4	May 15, 2012	ZL201280024681.4	Aug 10, 2016
2011P00522WOJP	Reliable print-litho process for OLED substrate manufacturing (and the class of ...)	Utility - NSPCT	Japan	Issued	2014-511984	May 15, 2012	6009548	Sep 23, 2016
2011P00522WQUS	Fabrication Apparatus for Fabricating a Layer Structure	Utility - NSPCT	United States of America	Issued	14/117,443	May 15, 2012	9231212	Jan 5, 2016
2011P00704WE	OUTCOUPLING DEVICE AND LIGHT SOURCE	Utility - ORG	European Patent Office	Pending	12784923.3	Aug 29, 2012		
2011P00704WOCN	OUTCOUPLING DEVICE AND LIGHT SOURCE	Utility - NSPCT	China	Issued	201280042428.1	Aug 29, 2012	ZL201280042428.1	Sep 19, 2017

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2011P00704WOJP	OUTCOUPLING DEVICE AND LIGHT SOURCE	Utility - NSPCT	Japan	Issued	2014-527787	Aug 29, 2012	6223341	Oct 13, 2017
2011P00704WOUS	LIGHT SOURCE HAVING AN OUTSOURCE DEVICE	Utility - NSPCT	United States of America	Issued	14/240,111	Aug 29, 2012	9601719	Mar 21, 2017
2011P01228WE	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - ORG	European Patent Office	Issued	12816343.3	Nov 22, 2012	EP 2752091	May 8, 2019
2011P01228WEDE	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - EPPAT	Germany	Issued	12816343.3	Nov 22, 2012	60 2012 059 966.5	May 8, 2019
2011P01228WEFR	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - EPPAT	France	Issued	12816343.3	Nov 22, 2012	EP 2752091	May 8, 2019
2011P01228WEGB	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - EPPAT	United Kingdom	Issued	12816343.3	Nov 22, 2012	EP 2752091	May 8, 2019
2011P01228WOCN	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - NSPCT	China	Issued	201280058667.6	Nov 22, 2012	ZL201280058667.6	Aug 17, 2016
2011P01228WOUS	METHOD FOR ADJUSTING A COLOR POINT OF LIGHT EMITTED FROM AN ORGANIC LIGHT EMITTI...	Utility - NSPCT	United States of America	Issued	14/360,314	Nov 22, 2012	9161416	Oct 13, 2015
2011P02107WE	SEGMENTED ELECTROLUMINESCENT DEVICE WITH DISTRIBUTED LOAD ELEMENTS	Utility - ORG	European Patent Office	Pending	13718388.5	Mar 1, 2013		
2011P02107WOCN	SEGMENTED ELECTROLUMINESCENT DEVICE WITH DISTRIBUTED LOAD ELEMENTS	Utility - NSPCT	China	Issued	201380013129.X	Mar 1, 2013	ZL201380013129.X	Mar 15, 2017
2011P02107WOJP	SEGMENTED ELECTROLUMINESCENT DEVICE WITH DISTRIBUTED LOAD ELEMENTS	Utility - NSPCT	Japan	Issued	2014-560480	Mar 1, 2013	6178807	Jul 21, 2017

PATENT

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between QLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2011P02107W0US	SEGMENTED ELECTROLUMINESCENT DEVICE WITH DISTRIBUTED LOAD ELEMENTS	Utility - NSPCT	United States of America	Issued	14/383,591	Mar 1, 2013	9295131	Mar 22, 2016
2012P01564WE	LIGHT-EMITTING DEVICE	Utility - ORG	European Patent Office	Allowed	14725485.8	May 22, 2014		
2012P01564W0US	LIGHT-EMITTING DEVICE WITH ALTERNATING ARRANGEMENT OF ANODE PADS AND CATHODE PAD...	Utility - NSPCT	United States of America	Issued	14/892,588	May 22, 2014	9748511	Aug 29, 2017
2012P02034WE01	Retrofit Organic Light Emitting Diode (OLED) light source	Utility - ORG	European Patent Office	Pending	14715443.9	Mar 20, 2014		
2012P02034W0CN01	Retrofit Organic Light Emitting Diode (OLED) light source	Utility - NSPCT	China	Pending	201480018395.6	Mar 20, 2014		
2012P02034W0CN02	Retrofit Organic Light Emitting Diode (OLED) light source	Utility - DIV	China	Pending	201910689077.7	Mar 20, 2014		
2012P02034W0JP01	Retrofit Organic Light Emitting Diode (OLED) light source	Utility - NSPCT	Japan	Issued	2016-504792	Mar 20, 2014	6444979	Dec 7, 2018
2012P02034W0JUS01	Retrofit Organic Light Emitting Diode (OLED) light source	Utility - NSPCT	United States of America	Issued	14/779,658	Mar 20, 2014	9874314	Jan 23, 2018
2013P00145WE	DETECTION OF A HAZARD CONDITION OF A LOAD	Utility - ORG	European Patent Office	Pending	14713259.1	Feb 25, 2014		
2013P00145W0CN	DETECTION OF A HAZARD CONDITION OF A LOAD	Utility - NSPCT	China	Issued	201480010985.4	Feb 25, 2014	ZL201480010985.4	Mar 8, 2019
2013P00145W0JP01	DETECTION OF A HAZARD CONDITION OF A LOAD	Utility - NSPCT	Japan	Issued	2015-558597	Feb 25, 2014	6444896	Dec 7, 2018
2013P00145W0US	DETECTION OF A HAZARD CONDITION OF A LOAD	Utility - NSPCT	United States of America	Issued	14/770,124	Feb 25, 2014	9750109	Aug 29, 2017
2013P01351CN	LOAD DEVICE, DRIVER FOR DRIVING THE LOAD, AND DRIVING METHOD	Utility - NSPCT	China	Pending	201480072394.X	Dec 19, 2014		
2013P01351US	LOAD DEVICE, DRIVER FOR DRIVING THE LOAD, AND DRIVING METHOD	Utility - NSPCT	United States of America	Issued	15/109,722	Dec 19, 2014	9807834	Oct 31, 2017
2013P01351W0JP	LOAD DEVICE, DRIVER FOR DRIVING THE LOAD, AND DRIVING METHOD	Utility - NSPCT	Japan	Pending	2016-544390	Dec 19, 2014		

PATENT

REEL: 062853 FRAME: 0302

Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2013P01382CN	CURRENT DISTRIBUTION IN AN ORGANIC LIGHT EMITTING DIODE DEVICE	Utility - NSPCT	China	Issued	20148066513.0	Nov 19, 2014	ZL201480066513.0	Sep 29, 2017
2013P01382JP	CURRENT DISTRIBUTION IN AN ORGANIC LIGHT EMITTING DIODE DEVICE	Utility - NSPCT	Japan	Issued	2016-535239	Nov 19, 2014	6553034	Jul 12, 2019
2013P01382US	CURRENT DISTRIBUTION IN AN ORGANIC LIGHT EMITTING DIODE DEVICE	Utility - NSPCT	United States of America	Issued	15/101,190	Nov 19, 2014	9923163	Mar 20, 2018
2013P01382WE	CURRENT DISTRIBUTION IN AN ORGANIC LIGHT EMITTING DIODE DEVICE	Utility - NSPCT	European Patent Office	Pending	14799780.3	Nov 19, 2014		
2013P01383EP	Color-tuning of deep red OLEDs for automotive applications	Utility - ORG	European Patent Office	Pending	14180200.9	Aug 7, 2014		
2013P01384US	AN ORGANIC CONVERSION DEVICE	Utility - NSPCT	United States of America	Issued	15/504,677	Aug 4, 2015	10305067	May 28, 2019
2013P01384WE	AN ORGANIC CONVERSION DEVICE	Utility - NSPCT	European Patent Office	Issued	15748217.5	Aug 4, 2015	EP3183756	Jul 11, 2018
2013P01384WEDE	AN ORGANIC CONVERSION DEVICE	Utility - EPPAT	Germany	Issued	15748217.5	Aug 4, 2015	602015013485.0	Jul 11, 2018
2013P01384WEFR	AN ORGANIC CONVERSION DEVICE	Utility - EPPAT	France	Issued	15748217.5	Aug 4, 2015	EP3183756	Jul 11, 2018
2013P01384WEGB	AN ORGANIC CONVERSION DEVICE	Utility - EPPAT	United Kingdom	Issued	15748217.5	Aug 4, 2015	EP3183756	Jul 11, 2018
2013P01386WE	Encapsulated semiconductor device and encapsulation method	Utility - NSPCT	European Patent Office	Issued	15700233.8	Jan 13, 2015	3095145	Nov 8, 2017
2013P01386WEDE	Encapsulated semiconductor device and encapsulation method	Utility - EPPAT	Germany	Issued	15700233.8	Jan 13, 2015	60 2015 005 880.1	Nov 8, 2017
2013P01386WEFR	Encapsulated semiconductor device and encapsulation method	Utility - EPPAT	France	Issued	15700233.8	Jan 13, 2015	3095145	Nov 8, 2017
2013P01386WEGB	Encapsulated semiconductor device and encapsulation method	Utility - EPPAT	United Kingdom	Issued	15700233.8	Jan 13, 2015	3095145	Nov 8, 2017
2013P01386WOUS	ENCAPSULATED SEMICONDUCTOR DEVICE AND ENCAPSULATION METHOD	Utility - NSPCT	United States of America	Issued	15/112,104	Jan 13, 2015	9831467	Nov 28, 2017
2013P01465WE	SHORT DETECTION CIRCUIT FOR AN LED DRIVER AND SHORT DETECTION METHOD	Utility - NSPCT	European Patent Office	Issued	14750732.1	Aug 13, 2014	3036973	Jan 3, 2018

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Schedule A to Pledge Agreement Relating to Intellectual Property Rights between OLEDWorks GmbH and Intuitive Illumination LLC

File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2013P01465WEDE	SHORT DETECTION CIRCUIT FOR AN LED DRIVER AND SHORT DETECTION METHOD	Utility - EPPAT	Germany	Issued	14750732.1	Aug 13, 2014	602014019427.3	Jan 3, 2018
2013P01465WEFR	SHORT DETECTION CIRCUIT FOR AN LED DRIVER AND SHORT DETECTION METHOD	Utility - EPPAT	France	Issued	14750732.1	Aug 13, 2014	3036973	Jan 3, 2018
2013P01465WEGB	SHORT DETECTION CIRCUIT FOR AN LED DRIVER AND SHORT DETECTION METHOD	Utility - EPPAT	United Kingdom	Issued	14750732.1	Aug 13, 2014	3036973	Jan 3, 2018
2013P01465WQUS	SHORT DETECTION CIRCUIT FOR AN LED DRIVER AND SHORT DETECTION METHOD	Utility - NSPCT	United States of America	Issued	14/913,252	Aug 13, 2014	9723685	Aug 1, 2017
2013P01596CN	Voltage-light conversion device.	Utility - NSPCT	China	Issued	201480054851.2	Sep 25, 2014	201480054851.2	Apr 24, 2018
2013P01596JP	Voltage-light conversion device.	Utility - NSPCT	Japan	Allowed	2016-519350	Sep 25, 2014		
2013P01596KR	VOLTAGE-LIGHT CONVERSION DEVICE	Utility - NSPCT	Republic of Korea	Pending	10-2016-7011276	Sep 25, 2014		
2013P01596US	VOLTAGE-LIGHT CONVERSION DEVICE	Utility - NSPCT	United States of America	Issued	15/027,023	Sep 25, 2014	9882159	Jan 30, 2018
2013P01596WE	VOLTAGE-LIGHT CONVERSION DEVICE	Utility - NSPCT	European Patent Office	Pending	14772361.3	Sep 25, 2014		
2013P01936US	ELECTRONIC DEVICE, DEVICE DRIVER, AND DRIVING METHOD	Utility - NSPCT	United States of America	Issued	15/124,546	Mar 10, 2015	9942962	Apr 10, 2018
2013P01936WE	ELECTRONIC DEVICE, DEVICE DRIVER, AND DRIVING METHOD	Utility - NSPCT	European Patent Office	Pending	15708524.2	Mar 10, 2015		
2014P00730EP	Organic light emitting diode device	Utility - ORG	European Patent Office	Allowed	14183912.6	Sep 8, 2014		
2014P01744EP	LED device, LED driver, and driving method	Utility - ORG	European Patent Office	Pending	15161664.6	Mar 30, 2015		
2014P01744US	LED device, LED driver, and driving method	Utility - NSPCT	United States of America	Pending	15/554,728	Mar 30, 2016		
2015P00409EP	LED device, LED driver, and driving method	Utility - ORG	European Patent Office	Pending	15161668.7	Mar 30, 2015		

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REEL: 062853 FRAME: 0304

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File #	Title	Matter Type	Country	Status	Application #	Date Filed	Patent #	Grant Date
2015P00409US	LED device, LED driver, and driving method	Utility - NSPCT	United States of America	Issued	15/554,323	Mar 30, 2016	10165649	Dec 25, 2018