

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5250151

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHE BOUVIER	10/30/2018
EMILIE POUGEOISE	11/20/2018
XAVIER HUGON	11/20/2018
CARLO CAGLI	10/26/2018
TIPHAINE DUPONT	10/26/2018
PHILIPPE GIBERT	10/29/2018
NACER AITMANI	11/06/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES
<b>Street Address:</b>	BÂTIMENT LE PONANT D
<b>Internal Address:</b>	25 RUE LEBLANC
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75015
<b>Name:</b>	ALEDIA
<b>Street Address:</b>	7 PARVIS LOUIS NÉEL
<b>Internal Address:</b>	BP 50
<b>City:</b>	GRENOBLE
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	38040

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14916985

**CORRESPONDENCE DATA**

**Fax Number:** (617)646-8646

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

**Phone:** 6176468000

**Email:** patents\_jamesM@wolfgreenfield.com

**PATENT**

**Correspondent Name:** JAMES H. MORRIS  
**Address Line 1:** WOLF, GREENFIELD & SACKS, P.C.  
**Address Line 2:** 600 ATLANTIC AVENUE  
**Address Line 4:** BOSTON, MASSACHUSETTS 02210

**ATTORNEY DOCKET NUMBER:** C1490.70004US00

**NAME OF SUBMITTER:** MICHELLE QUINN

**SIGNATURE:** /Michelle Quinn/

**DATE SIGNED:** 11/26/2018

**Total Attachments: 14**

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Commissariat à l'Énergie Atomique et aux Énergies Alternatives, having a place of business at Bâtiment Le Ponant D; 25 Rue Leblanc; 75015 Paris; FRANCE, its successors, assigns and legal representatives, and Aledia, having a place of business at 7 Parvis Louis Néel BP 50; 38040 Grenoble; FRANCE, its successors, assigns and legal representatives all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 4, 2016 under Application No. 14/916,985, bearing Attorney Docket No. C1490.70004US00, and entitled METHOD FOR PRODUCING OPTOELECTRONIC DEVICES COMPRISING LIGHT-EMITTING DIODES, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

Date: 30/10/2018  
\_\_\_\_\_

  
Signature: \_\_\_\_\_  
Christophe Bouvier

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Emilie Pougeoise

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gibert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nacer Aitmani

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2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;

3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;

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5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

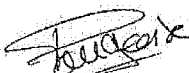
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Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Christophe Bouvier

Date: 20.11.2018

Signature:   
Emilie Pougeoise

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gibert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nacer Aitmani

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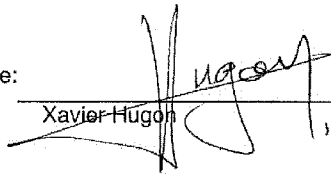
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Christophe Bouvier

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Emilie Pougeoise

Date: 20/11/2018

Signature: \_\_\_\_\_  
  
Xavier Hugon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gilbert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nacer Aitmani



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Signature: \_\_\_\_\_  
Christophe Bouvier

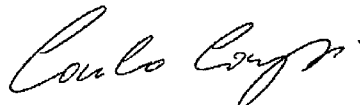
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Emilie Pougeoise

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon

Date: 10/26/2018

Signature:   
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gibert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
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Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Christophe Bouvier

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Emilie Pougeoise


Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: 26/10/2018

Signature:   
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gibert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nacer Aitmani

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Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon


Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: 2018/29/10

Signature:   
Philippe Gilbert

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nacer Altmani

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Signature: \_\_\_\_\_  
Emilie Pougeoise

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Xavier Hugon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Carlo Cagli

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Tiphaine Dupont

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Philippe Gibert

Date: 6.11.2018

Signature: \_\_\_\_\_  
Nacer Aitmani 