

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3570678

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUMINUS DEVICES, INC.	10/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EAST WEST BANK
<b>Street Address:</b>	9300 FLAIR DRIVE, 6TH FLOOR
<b>Internal Address:</b>	LOAN SERVICING DEPARTMENT
<b>City:</b>	EL MONTE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91731
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13092464
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>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.</i>	
<b>Phone:</b>	6176468000
<b>Email:</b>	mchiusano@wolfgreenfield.com
<b>Correspondent Name:</b>	ROBERT H. WALAT
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 2:</b>	WOLF, GREENFIELD & SACKS, P.C.
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	L0655.70110US01
<b>NAME OF SUBMITTER:</b>	MELANIE CHIUSANO
<b>SIGNATURE:</b>	/Melanie Chiusano/
<b>DATE SIGNED:</b>	10/15/2015
<b>Total Attachments: 1</b>	
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## INTELLECTUAL PROPERTY SECURITY INTEREST ASSIGNMENT

This is an Intellectual Property Security Interest Assignment ("Assignment") by and between (a) (i) Luminus, Inc., a Delaware corporation and (ii) Luminus Devices, Inc. (individually and collectively "Luminus") and (b) East West Bank.

WHEREAS Luminus and East West Bank have entered into an Intellectual Property Security Agreement effective as of 15 January 2014 which provides East West Bank with, among other things, a security interest in and to the statutory intellectual property rights of Luminus, and provides for the recordal of such security interest;

NOW THEREFORE, in consideration of the mutual promises and conditions contained herein, Luminus and East West Bank agree as follows:

1. Statutory Intellectual Property Right. The "Subject Statutory Intellectual Property Right(s)" shall mean the patent(s), patent application, trademark registration application(s), trademark registration (s), copyright registration application(s), and/or copyright registration(s) identified below:

Docket #	Serial Number	Filing Date	Issue Number	Issue date
L0655.70110US01	13/092464	22-Apr-2011		

2. Assignment. Luminus hereby grants and assigns to East West Bank a security interest in and to the Subject Statutory Intellectual Property Right(s) identified above in accordance with the terms and conditions of the Intellectual Property Security Agreement.

3. Recordal. This Assignment may be recorded at the applicable government agency.

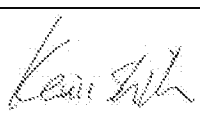
4. Relationship To The Intellectual Property Security Agreement. The security interests granted and assigned herein are granted in furtherance of, and not in limitation of, the security interests granted and assigned in the Intellectual Property Security Agreement. Luminus hereby acknowledges and affirms that the rights and remedies of East West Bank with respect to the Subject Statutory Intellectual Property Right(s) are more fully set forth in the Intellectual Property Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Assignment and the Intellectual Property Security Agreement, the terms of the Intellectual Property Security Agreement shall govern.

5. Further Assurance. Luminus shall at East West Bank's request, execute all documents and instruments and perform all acts which may be necessary or desirable to give effect to the grant and assignment of the security interest in and to the Subject Statutory Intellectual Property Right(s). Should Luminus fail, refuse, or be unable to execute and deliver at East West Bank's request any such document or instrument, or to perform any such act, to give effect to the grant and assignment of the security interest in and to the Subject Statutory Intellectual Property Right(s), East West Bank shall have the right to execute or perform same in Luminus' name as Luminus' attorney-in-fact.

6. Electronic Signature. The parties agree to accept facsimile, scanned and copied signatures of the authorized representative of Luminus as an original signature for the purposes of executing this Assignment as specified below and further agree to accept copied, scanned, electronic, and printed versions of this Assignment fully signed and/or executed as if it was an original.

IN WITNESS WHEREOF, Luminus has caused this Assignment to be executed by its duly authorized representatives on the date(s) set forth below:

**Luminus Devices, Inc.**

	Kevin Shih	Chief Financial Officer	8 October 2015
<b>Signature</b>	<b>Printed Name</b>	<b>Title</b>	<b>Date</b>