PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4933624

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH MICHAEL MANAHAN	03/04/2013
RICHARD ROTHENBERGER	03/04/2013
GRANT L. GAWRONSKI	03/01/2013

RECEIVING PARTY DATA

Name:	COOPER TECHNOLOGIES COMPANY		
Street Address:	600 TRAVIS STREET		
Internal Address:	SUITE 5600		
City:	HOUSTON		
State/Country:	TEXAS		
Postal Code:	77002		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15868144

CORRESPONDENCE DATA

Fax Number: (713)751-3290

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: 713-751-3200

Email: houpatentdocket@kslaw.com
Correspondent Name: KING & SPALDING LLP
Address Line 1: 1100 LOUISIANA STREET

Address Line 2: SUITE 4000

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	13682.227147		
NAME OF SUBMITTER:	TIMOTHY M. SMITH		
SIGNATURE:	/Timothy M. Smith/		
DATE SIGNED:	04/26/2018		

Total Attachments: 5

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PATENT REEL: 045644 FRAME: 0158

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Joseph Michael Manahan; Richard Rothenberger;	Name: Cooper Technologies Company	
Grant L. Gawronski	Internal Address: Suite 5600	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance/Execution Date(s):	Street Address: 600 Travis Street	
Execution Date(s) March 1, 2013 & March 4, 2013		
Assignment Merger	City: Houston	
Security Agreement Change of Name		
Joint Research Agreement	State: Texas	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country:US Zip:77002	
parama		
Other	Additional name(s) & address(es) attached? Yes X No	
4. Application or patent number(s): This A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
7. Falority (Springeror)	D. 1 dioin 140.(0)	
15/868,144		
	ached? Yes XNo	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: King & Spalding LLP		
Internal Address: Suite 4000	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
memai Address, Suite 4000	Authorized to be charged to deposit account	
Chanai Addunus, 1100 i svining Chan	Enclosed	
Street Address: 1100 Louisiana Street	None required (government interest not affecting title)	
Citya Hayetan	8. Payment Information	
City: Houston		
State: Texas Zip: 77002		
Phone Number: 713-751-3200	Deposit Account Number	
Docket Number: 13682.227147	Authorized User Name	
Email Address: Houpatentdocket@kslaw.com	Titalion 2000. Planto	
9. Signature: /Timothy M. Smith/	April 26, 2018	
Signature	Date	
Timothy M. Smith Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover sheet		
Mail Stop Assignment Recordation Services, Director of		

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Attorney Docket: 13682.118640 (CHM-029674 US)

ASSIGNMENT

WHEREAS, we Joseph Michael Manahan, a citizen of the United States of America, residing at 4598 Brookhill Drive North, Manlius, New York (NY), 13104, United States (US), Richard Rothenberger, a citizen of the United States of America, residing at 5589 Thompson Road, Apartment 3, Syracuse, New York (NY) 13214, United States (US) and Grant L. Gawronski, a citizen of the United States of America, residing at 19 Hunters Crossing, The Woodlands, Texas (TX) 77381, United States (US) have invented certain inventions and improvements disclosed in a patent application titled "LIGHTING APPLICATIONS USING ORGANIC LIGHT EMITTING DIODES", filed in the United States Patent and Trademark Office on March 5, 2013 , and assigned a U.S. Patent Application No. 13/786,223 ; and

WHEREAS, Cooper Technologies Company, a corporation of the State of Delaware having a principal place of business at 600 Travis Street, Suite 5600, Houston, Texas 77002, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, Joseph Michael Manahan, Richard Rothenberger and Grant L. Gawronski by these presents, do sell, assign, and transfer to Cooper Technologies Company, the full, exclusive, and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, reexamination, or reissue thereof, to Cooper Technologies Company as the assignee, for its interest and for the sole use and benefit of Cooper Technologies Company and its assigns and legal representatives;

For the same consideration, we, by these presents, do sell, assign, and transfer to Cooper Technologies Company the full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable

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Attorney Docket: 13682.118640 (CHM-029674 US)

conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Cooper Technologies Company or its designee insofar as permitted by applicable law:

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Cooper Technologies Company, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

I hereby authorize a representative of King & Spalding, 1100 Louisiana Street, Suite 4000, Houston, Texas 77002, USA, to insert in the blanks above the filing date and application number of said application when known.

Joseph/Mickael Manahan

COUNTY OF MOLLAGE

Before me, a Notary Public in and for the aforesaid State, on this 4 day of ____, 2013, personally appeared Joseph Michael Manahan, who, being duly swom, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

My Commission Expires: <u>OQC</u>

AMANDA K. HARRINGTON Notary Public - State of New York

No. 01HA6253047 Qualified in Oswego County My Commission Expires Dec. 19, 2015

	Richard Rothenberger
STATE OF New YOLK	§ :
COUNTY OF <u>Onondago</u>	§ §
MARCI+, 2013, persona	y Public in and for the aforesaid State, on this 4 day of
signed and acknowledged the fo	regoing Assignment as his free act and deed.
AMAROA K. HARRINGTON Notary Public - State of New York No. 01HA6253047 Qualified in Oswego County My Commission Expires Dec. 19, 201	NOTARY PUBLIC
	Grant L. Gawronski
	NOVEMBER AND STREET A CLASSICAL
STATE OF	§ §
COUNTY OF	§
	y Public in and for the aforesaid State, on this day of ally appeared Grant L. Gawronski, who, being duly sworn,
	regoing Assignment as his free act and deed.
	*
	NOTARY PUBLIC
(SEAL)	My Commission Expires:

Attorney-Docket: 13682.118646 (CHM-029674 US)

		Richard Rothenberger	
STATE OF	§		
	§		
COUNTY OF	§		
Before me, a N	otary Public in	n and for the aforesaid State, on this	day of
, 2013, per	sonally appeare	ed Richard Rothenberger, who, being duly	sworn,
		signment as his free act and deed.	
9		NOTARY PUBLIC	
		My Commission Expires:	
		A1457	
		Grant L. Gawronski	
STATE OF TEXAS	§		
COUNTY OF HARRY	§ §		
1 1 2 20 x 8 8	·	a and for the aforesaid State, on this ced Grant L. Gawronski, who, being duly	day of
		signment as his free act and deed.	·
SHELLY R. CI NOTARY PUE STATE OF TE My Comm. Exp. 05-11	BLIC & XAS & F2016 &	NOTARY PUBLIC My Commission Expires: 9-16-20.	<u> </u>

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RECORDED: 04/26/2018

ASSIGNMENT