

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CHEN-FU CHU</td> <td>05/05/2009</td> </tr> <tr> <td>HAO-CHUN CHENG</td> <td>05/05/2009</td> </tr> <tr> <td>FENG-HSU FAN</td> <td>05/05/2009</td> </tr> <tr> <td>WEN-HUANG LIU</td> <td>04/27/2009</td> </tr> <tr> <td>CHAO-CHEN CHENG</td> <td>05/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	CHEN-FU CHU	05/05/2009	HAO-CHUN CHENG	05/05/2009	FENG-HSU FAN	05/05/2009	WEN-HUANG LIU	04/27/2009	CHAO-CHEN CHENG	05/05/2009
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RECEIVING PARTY DATA													
Name:	SEMI-PHOTONICS CO., LTD.												
Street Address:	7F, NO. 13, KE JUNG RD.												
Internal Address:	CHU-NAN SITE, HSINCHU SCIENCE PARK,												
City:	CHU-NAN, MIAO-LI COUNTY												
State/Country:	TAIWAN												
Postal Code:	350												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11690443</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11690443								
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CORRESPONDENCE DATA													
Fax Number:	(713)623-4846												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	emarques@pattersonsheridan.com												
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ATTORNEY DOCKET NUMBER:	SEMI/0103.P2												

OP \$40.00 11690443

NAME OF SUBMITTER:

RANDOL W. READ

Total Attachments: 2

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	CHEN-FU CHU No. 19, Alley 2, Lane 239, Minsheng Rd. Hsingchu City 300. Taiwan ROC	2)	HAO-CHUN CHENG No. 16, Lane 185, Jhongjheng Rd. Donggang Township, Pingtung County 928 Taiwan ROC
3)	FENG-HSU FAN 3F, No. 6-2, Alley 2, Lane 31, Minli St. Jhonghe City, Taipei County 235 Taiwan ROC	4)	WEN-HUANG LIU No. 13-1, 11 Neighborhood, Bei-Shan Village, Guan-Xi Town 306 Taiwan ROC
5)	CHAO-CHEN CHENG 4F, No. 20, Lane 23, Jianjhong 1 st Rd. Hsinchu City 300 Taiwan ROC		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD OF MAKING LIGHT EMITTING DIODES (LEDS) WITH IMPROVED LIGHT EXTRACTION BY ROUGHENING

enclosed herewith or for which application for Letters Patent in the United States was filed on **March 23, 2007**, under Serial No. **11/690,443**, executed on even date herewith; and

WHEREAS, Semi-Photonics Co., Ltd., a corporation of Taiwan, having a place of business at 7F, No. 13, Ke Jung Rd., Chu-Nan Site, Hsinchu Science Park, Chu-Nan 350, Miao-Li County, Taiwan, R.O.C. (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and

every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting conventional, substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	<u>05.05.2009</u> (DATE)	<u>Chen-Fu Chu</u> CHEN-FU CHU
2)	<u>05.05.2009</u> (DATE)	<u>Hao-Chun Cheng</u> HAO-CHUN CHENG
3)	<u>05.05.2009</u> (DATE)	<u>Feng-Hsu Fan</u> FENG-HSU FAN
4)	<u>04.27.2009</u> (DATE)	<u>Wen-Huang Liu</u> WEN-HUANG LIU
5)	<u>05.05.2009</u> (DATE)	<u>Chao-Chen Cheng</u> CHAO-CHEN CHENG