

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nam-Kyu Song</td> <td>07/20/2012</td> </tr> <tr> <td>Min-Seok Oh</td> <td>07/20/2012</td> </tr> <tr> <td>Yun-Seok Lee</td> <td>07/20/2012</td> </tr> <tr> <td>Cho-Young Lee</td> <td>07/20/2012</td> </tr> </tbody> </table>	Name	Execution Date	Nam-Kyu Song	07/20/2012	Min-Seok Oh	07/20/2012	Yun-Seok Lee	07/20/2012	Cho-Young Lee	07/20/2012	
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Nam-Kyu Song	07/20/2012										
Min-Seok Oh	07/20/2012										
Yun-Seok Lee	07/20/2012										
Cho-Young Lee	07/20/2012										
RECEIVING PARTY DATA											
Name:	Samsung SDI Co., Ltd.										
Street Address:	428-5, Gongse-dong, Giheung-gu										
City:	Yongin-si, Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13569142</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13569142							
Property Type	Number										
Application Number:	13569142										
CORRESPONDENCE DATA											
Fax Number:	6265778800										
Phone:	626-795-9900										
Email:	pto@cph.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	CHRISTIE, PARKER & HALE, LLP										
Address Line 1:	PO BOX 29001										
Address Line 4:	GLENDALE, CALIFORNIA 91209										
ATTORNEY DOCKET NUMBER:	69059/L550/JEJ/FRS										
NAME OF SUBMITTER:	Jun-Young E. Jeon										
Total Attachments: 2 source=69059_Assignment#page1.tif source=69059_Assignment#page2.tif											

OP \$40.00 13569142

Docket No.: 69059/L550

Return to:
CHRISTIE, PARKER & HALE
Post Office Box 29001
Glendale, CA 91209-9001

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Nam-Kyu Song, Min-Seok Oh, Yun-Seok Lee, and Cho-Young Lee

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG SDI CO., LTD.

having a place of business at

(3) 428-5, Gongju-dong, Gihung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) PHOTOVOLTAIC DEVICE AND METHOD OF MANUFACTURING THE SAME

which application executed on even date herewith
was

(a) executed on (5a):

(b) filed on (5b): August 7, 2012

Application No.: 13/569,142

CHRISTIE, PARKER & HALE, LLP, P.O. Box
29001, Glendale, CA 91209-9001 is hereby
authorized to insert in (b) the specified data,
when known.

Including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)

SIGNATURE

DATE

Nam-Kyu Song

X Nam-Kyu Song

X 20/July/2012

Docket No.: 69059/L550

Min-Seuk Oh

x Min Seuk Oh

x 20/July/2012

Yun-Seok Lee

x Yun Seok Lee

x 20/July/2012

Cho-Young Lee

x Cho-Young Lee

x 20/July/2012

WITNESSES:

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