

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>Youngcheol Jang</td> <td>08/01/2012</td> </tr> <tr> <td>Nohyun Kwag</td> <td>08/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Youngcheol Jang	08/01/2012	Nohyun Kwag	08/01/2012		
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Samsung SDI Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>428-5, Gongse-dong, Giheung-gu</td> </tr> <tr> <td>City:</td> <td>Yongin-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	Samsung SDI Co., Ltd.	Street Address:	428-5, Gongse-dong, Giheung-gu	City:	Yongin-si, Gyeonggi-do	State/Country:	REPUBLIC OF KOREA
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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>13564641</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13564641				
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Application Number:	13564641								
CORRESPONDENCE DATA									
<p>Fax Number: 6265778800 Phone: 626-795-9900 Email: pto@cph.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: CHRISTIE, PARKER & HALE, LLP Address Line 1: PO BOX 29001 Address Line 4: GLENDALE, CALIFORNIA 91209</p>									
ATTORNEY DOCKET NUMBER:	S1170/70155/SPL/IB								
NAME OF SUBMITTER:	Shaun P. Lee								
<p>Total Attachments: 2 source=70155-Assignment#page1.tif source=70155-Assignment#page2.tif</p>									

OP \$40.00 13564641

Docket No.: 70155/S1170

Return to:
CHRISTIE, PARKER & HALE
Post Office Box 7068
Pasadena, CA 91109-7068

ASSIGNMENT

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

(1) Youngecheol Jang and Nohyun Kwag

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

(2) SAMSUNG SDI CO., LTD.

having a place of business at

(3) 428-5, Gongse-dong, Giheung-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) PROTECTIVE CIRCUIT MODULE AND SECONDARY BATTERY PACK INCLUDING THE SAME

which application executed on even date herewith or was

(a) executed on (5a): _____

(b) filed on (5b): August 1, 2012

Application No.: 13/564,641

(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)

Youngecheol Jang

SIGNATURE

X Youngecheol Jang

DATE

X 2012.8.1.

Docket No.: 70155/S1170

Nohyun Kwag

X Nohyun Kwag

X 2012. 8. 1.

WITNESSES:

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