

PATENT ASSIGNMENT

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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>Hideaki Maeda</td> <td>02/19/2009</td> </tr> <tr> <td>Masaki Koike</td> <td>02/19/2009</td> </tr> <tr> <td>Hironari Takase</td> <td>02/19/2009</td> </tr> <tr> <td>Geun-Bae Kim</td> <td>02/19/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hideaki Maeda	02/19/2009	Masaki Koike	02/19/2009	Hironari Takase	02/19/2009	Geun-Bae Kim	02/19/2009
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Masaki Koike	02/19/2009										
Hironari Takase	02/19/2009										
Geun-Bae Kim	02/19/2009										
RECEIVING PARTY DATA											
Name:	Samsung SDI Co., Ltd.										
Street Address:	575, Shin-dong, Yeongtong-gu										
City:	Suwon-si, Gyeonggi-do										
State/Country:	KOREA, REPUBLIC OF										
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>12332218</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12332218						
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Application Number:	12332218										
CORRESPONDENCE DATA											
Fax Number:	(626)577-8800										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Christie, Parker & Hale, LLP										
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ATTORNEY DOCKET NUMBER:	P849:63083/DBP										
NAME OF SUBMITTER:	D. Bruce Prout										

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Total Attachments: 4
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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) Hideaki Maeda, Masaki Koike, Hironari Takase, and Geun-Bae Kim

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

(2) SAMSUNG SDI CO., LTD.

having a place of business at

(3) 575, Shin-dong, Yeongtong-gu, Suwon-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) SEPARATOR FOR NON-AQUEOUS RECHARGEABLE LITHIUM BATTERY

which application executed on even date herewith or was

(a) executed on (5a): Feb. 19, 2009 ;

(b) filed on (5b): Dec. 10, 2008 ;

Application No.: 12/332,218 ;

(CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068) 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
<u>Hideaki Maeda</u>	X <u>Hideaki Maeda</u>	X <u>Feb. 19, 2009</u>
<u>Masaki Koike</u>	X <u>Masaki Koike</u>	X <u>Feb. 19, 2009</u>
<u>Hironari Takase</u>	X <u>Hironari Takase</u>	X <u>Feb. 19, 2009</u>
<u>Geun-Bae Kim</u>	X	X

Docket No.: 63083/P849

WITNESSES:

TMW PAS822082.1*-11/5/06 1:48 PM

Docket No.: 83083/P849

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INVENTOR(S)	SIGNATURE	DATE
<u>Hideaki Maeda</u>	X _____	X _____
<u>Masaki Koike</u>	X _____	X _____
<u>Hironari Takase</u>	X _____	X _____
<u>Geun-Bae Kim</u>	X 	X Feb. 19, 2009

Docket No.: 63083/P848

WITNESSES:

TMW PAS822002.1--11/5/08 1:48 PM