

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Youichi MACHII	11/02/2011
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Takeshi NOJIRI	11/02/2011
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Shuuichirou ADACHI	11/02/2011
Akihiro ORITA	11/02/2011
Tetsuya SATOU	11/02/2011
Keiko KIZAWA	11/03/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	Hitachi Chemical Company, Ltd.
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<b>City:</b>	Shinjuku-ku, Tokyo
<b>State/Country:</b>	JAPAN
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**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13298535

**CORRESPONDENCE DATA**

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**PATENT**

**501731774**

**REEL: 027272 FRAME: 0350**

**CH \$40.00 13298535**

ATTORNEY DOCKET NUMBER:	XA-11739/T4725-18076US01
NAME OF SUBMITTER:	Dawn Minter
Total Attachments: 1 source=Assignment#page1.tif	

# ASSIGNMENT

( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Chemical Co., Ltd., a corporation organized under the laws of Japan, located at 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku Tokyo 163-0449, Japan, receipt of which is hereby acknowledged, I do hereby sell and assign to said Hitachi Chemical Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## METHOD FOR PRODUCING PHOTOVOLTAIC CELL

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Chemical Co., Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner for Patents to issue said Letters Patent to said Hitachi Chemical Co., Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Youchi Machii</u>	<u>Nov. 02. 2011</u>
2) <u>Marata Yoshida</u>	<u>Nov. 02. 2011</u>
3) <u>Takeshi Nojima</u>	<u>Nov. 02. 2011</u>
4) <u>[Signature]</u>	<u>Nov. 8. 2011</u>
5) <u>Mitsumori Yamuro</u>	<u>Nov. 02, 2011</u>
6) <u>Shirohiko Adachi</u>	<u>Nov. 02, 2011</u>
7) <u>Akihiro Orita</u>	<u>Nov. 02. 2011</u>
8) <u>Tetsuya Satou</u>	<u>Nov. 02, 2011</u>
9) <u>Keiko Kizawa</u>	<u>Nov. 03, 2011</u>
10) _____	_____