PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART	Y DATA			
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Naoto SHINDO			02/26/2013	
Tadashi KANASAKU			02/26/2013	
Junichi ATOBE			02/26/2013	
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Docket No.:	4700.P0396US
Serial No.:	13/821 821
Filing Date:	March 8, 2013

ASSIGNMENT

WHEREAS, I/We, (1) Masami NAKAMURA, (2) Naoto SHINDO, (3) Tadashi KANASAKU and (4) Junichi ATOBE residing at (1) Ome-shi, Tokyo, Japan; (2) Ome-shi, Tokyo, Japan; (3) Ome-shi, Tokyo, Japan and (4) Yasu-shi, Shiga, Japan

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have invented certain new and useful improvements in

"SOLAR CELL ELEMENT AND METHOD FOR MANUFACTURING SAME"

for which an application for United States Letters Patent was filed on <u>October 4, 2011</u> as PCT International Application No. <u>PCT/JP2011/072841</u>

WHEREAS, (1) SHOEI CHEMICAL INC. and (2) KYOCERA CORPORATION

having a place of business at

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(1)1-1,Nishishinjuku 2-chome,Shinjuku-ku,Tokyo,Japan and(2)6,Takeda Tobadono-cho,Fushimi-ku,Kyoto-shi,Kyoto,Japan

hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, I/we have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee my/our full and exclusive right to the said invention in the United States and its territorial possessions and my/our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

We hereby authorize and request the attorneys of record to insert in this Assignment the filing date and serial number of the above-referenced United States application when officially known. ' IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s).

Witnessed by: 10 Yoshiaki NAG nougane Hawakita

Noriyasu KAWAKITA

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Inventor(s):	Date:			
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RECORDED: 03/11/2013