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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUMIHARU TERAMAE	12/20/2013
KOICHI MANIWAE	12/20/2013
TSUKASA KITANO	12/20/2013
TOSHIYUKI KONDO	12/20/2013
ATSUSHI SUZUKI	12/20/2013
MIDORI MORI	12/20/2013

RECEIVING PARTY DATA

Name:	EL-SEED CORPORATION
Street Address:	3-1804-2, UMEGAOKA, TENPAKU-KU
City:	NAGOYA-SHI, AICHI
State/Country:	JAPAN
Postal Code:	468-0004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14241047

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SHG.005
NAME OF SUBMITTER:	SEAN M. MCGINN

502702043 REEL: 032327 FRAME: 0175

Signature:	/Sean M. McGinn/
Date:	02/28/2014
Total Attachments: 3 source=Assignment.SHG.005#page1.tif source=Assignment.SHG.005#page2.tif source=Assignment.SHG.005#page3.tif	

PATENT REEL: 032327 FRAME: 0176

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR Fumiharu TERAMAE, Koichi NANIWAE, Tsukasa KITANO, Toshiyuki KONDO, Atsushi SUZÜKI, and Midori MORI of C/O EL-SEED Corporation, 3-1804-2, Umegaoka, Tenpaku-ku, Nagoyashi, Aichi 468-0004 Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

PRODUCTION METHOD USING DRY ETCHING OF GLASS SUBSTRATE HAVING CONCAVE-CONVEX FILM, GLASS SUBSTRATE HAVING CONCAVE-CONVEX FILM, SOLAR CELL, AND PRODUCTION METHOD FOR SOLAR CELL

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

EL-SEED CORPORATION 3-1804-2, Umegaoka, Tenpaku-ku, Nagoya-shi, Aichi 468-0004 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefore.

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests my attorney, Sean M. McGinn, of McGinn Intellectual Property Law Group, PLLC, 8321 Old Courthouse Road, Suite 200, Vienna, Virginia, U.S.A. 22182-3817 to insert here in parentheses (Application No. $\frac{14/241,047}{1}$, filed February 25, 2014) the filing date and application number of said application when/if known.

(Assignment of Application for Patent -- page 1 of 3)

PATENT REEL: 032327 FRAME: 0177 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the

United States Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING	IN WITNESS WHEREOF, I/We have hereunto set hand and seal this and day of December, 201 13.
SIGNATURE	By: <u>Funi hava Terama e</u> Fumiharu TERAMAE
SIGNATURE	By: Moich: Naniure Koichi NANIWAE
SIGNATURE (Ass	By: Jankasa kitan Tsukasa KITANO signment of Application for Patent — page 2 of 3)

PATENT REEL: 032327 FRAME: 0178

SIGNATURE	By: Toshiyuki Kondo Toshiyuki KONDO
SIGNATURE	By: Atsushi Suzuki Atsushi SUZUKI
SIGNATURE	By: Midori Mon' Midori MORI
WITNESSES	Johan EKMAN
	Jatsushi Shigliyumi Tatsushi SHIGEIZUMI

(Assignment of Application for Patent -- page 3 of 3)

PATENT REEL: 032327 FRAME: 0179

RECORDED: 02/28/2014