PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3191265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNICHI KOIKE	10/31/2014
HOANG TRI HAI	10/31/2014

RECEIVING PARTY DATA

Name:	TOHOKU UNIVERSITY
Street Address:	1-1, KATAHIRA 2-CHOME
Internal Address:	AOBA-KU
City:	SENDAI-SHI, MIYAGI
State/Country:	JAPAN
Postal Code:	980-8577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14402006

CORRESPONDENCE DATA

Fax Number: (860)286-0115

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP
Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	SOB0015US
NAME OF SUBMITTER:	DANIEL P. LENT
SIGNATURE:	/Daniel P. Lent/
DATE SIGNED:	01/21/2015

Total Attachments: 2 source=7B61269#page1.tif

source=7B61269#page1.tif

PATENT 503144653 REEL: 034774 FRAME: 0186

<u>ASSIGNMENT</u>

WHEREAS We, Junichi KOIKE and Hoan Tri Hai of c/o TOHOKU UNIVERSITY, 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577 Japan (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

CONDUCTIVE PASTE, METHOD FOR FORMING WIRING, ELECTRONIC COMPONENT, AND SILICON SOLAR CELL

which claims priority to Japanese Application Nos. 2012-114411, filed May 18, 2012, and 2012-282065, filed December 26, 2012, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, TOHOKU UNIVERSITY (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of JAPAN, having a place of business at 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577 Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, SOB0015US

PATENT REEL: 034774 FRAME: 0187 at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: October 31, 2014 Junich KOIKE L.S.

Date: October 31, 2014

HoangTri Hai . L.S.

SOB0015US

RECORDED: 01/21/2015

PATENT **REEL: 034774 FRAME: 0188**