504293317 03/28/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY	ΔΑΤΑ						
			Name		Execution Date		
NAOKI TAHARA					03/07/2017		
NORIAKI NOGAMI					03/06/2017		
HIROSHI KAMIGA					03/06/2017		
RECEIVING PARTY DATA							
Name:	DOWA	DOWA ELECTRONICS MATERIALS CO., LTD.					
Street Address:	14-1, 8	14-1, SOTOKANDA 4-CHOME					
Internal Address:	CHIYC	CHIYODA-KU					
City:	TOKY	ТОКҮО					
State/Country:	JAPAN	JAPAN					
Postal Code:	101-00	101-0021					
PROPERTY NUMBERS Total: 1 Property Type		Number					
Application Number: 1551		4879					
CORRESPONDENCE DATA Fax Number: (203)		784-3199					
	be sent t	• •	e-mail address first; if that is uns	successf	ul, it will be sent		
•	f provide		hat is unsuccessful, it will be sen	nt via US	Mail.		
Phone: Email:			752629 I@carmodylaw.com				
Correspondent Name	:		MODY TORRANCE SANDAK & HENNESSEY LLP				
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Address Line 4:		NEW HAVEN, CONNECTICUT 06509-1950					
ATTORNEY DOCKET NUMBER:		27231-63A					
NAME OF SUBMITTER:		LINDA M. FREED					
SIGNATURE:		/Linda M. Freed/					
DATE SIGNED:		03/28/2017					
Total Attachments: 3 source=assign009#page1.tif							
source=assign009#page	2.tif						

PATENT REEL: 041763 FRAME: 0815

ASSIGNMENT

WHEREAS, I/we,

Naoki Tahara	, residing at	<u>Tokyo, Japan</u>	;
<u>Noriaki Nogami</u>	, residing at	Tokyo, Japan	;
<u>Hiroshi Kamiga</u>	, residing at	<u>Tokyo, Japan</u>	;

having made an invention entitled <u>SILVER POWDER, METHOD FOR PRODUCING</u> <u>SAME, AND HYDROPHILIC CONDUCTIVE PASTE</u>, Attorney Docket No. 27231-

, an application for which a patent of The United States of America is being executed concurrently herewith; or

I/we hereby authorize and request our attorney, John L. Cordani of Carmody Torrance Sandak & Hennessey LLP, 195 Church Street, P.O. Box 1950, New Haven, CT 06509-1950 to insert the filing date and application number of said application when known in the spaces provided below:

Filing Date:	<u>March 28, 201</u> 7
U.S. Serial Application No.:	15/514,879

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto DOWA Electronics Materials Co., Ltd., having an office and place of business at 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-0021 Japan, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any divisional, continuation or continuation-in-part, of said application, and in and to any and all patents and reissues and extensions thereof, of The United States of America, which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

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I/We do further agree for myself/ourselves and for my/our heirs, executors and administrators to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by the said DOWA Electronics Materials Co., Ltd., its successors, assigns, and nominees, fully to secure their interest as aforesaid and to obtain or maintain patents in any and all countries;

And I/we do hereby authorize and request the Commissioner of Patents to issue any and all patents which may be granted upon any of the said applications, to the said DOWA Electronics Materials Co., Ltd. as the assignee of the entire interest therein.

IN TESTIMONY WHEREOF, I/we have hereunto signed my/our name(s) on the date indicated hereinafter.

Nachi Jahara March. 7. 2017 Date

NAME: Naoki Tahara

SIGNED IN THE PRESENCE OF WITNESSES:

(1) <u>Kenichi Idosiga</u> Print Name: Date: <u>March 6,2017</u>

(2) <u>Koji Hivata</u> Print Name: Date: <u>March 6 2017</u>

ASSIGNMENT Attorney Docket No. Page 3 of 3

Moriaki nogami March 6, 2017 AME: Noriaki Nogami Date

NAME: Noriaki Nogami

SIGNED IN THE PRESENCE OF WITNESSES:

(1<u>) Kenichi' I darigal</u> Print Name:

(2)<u>Koji Hivata</u> Print Name: Date: <u>Marchr. 6.20(7</u>

<u>Idinshi kamiga</u> NAME: Hiroshi Kamiga

Date: March t 2017

March 6,2017 Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) <u>Kenichi Idarigaa</u> Print Name: Date: <u>March 6, 2017</u>

(2) <u>Hoji Mivata</u> Print Name: Date: <u>Mayoh.6.2017</u>

PATENT **REEL: 041763 FRAME: 0818**

RECORDED: 03/28/2017