

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>NAOTO TAKAHASHI</td> <td>04/26/2013</td> </tr> <tr> <td>YASUYUKI YAMAMOTO</td> <td>05/20/2013</td> </tr> <tr> <td>EMI USHIODA</td> <td>04/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	NAOTO TAKAHASHI	04/26/2013	YASUYUKI YAMAMOTO	05/20/2013	EMI USHIODA	04/26/2013
Name	Execution Date								
NAOTO TAKAHASHI	04/26/2013								
YASUYUKI YAMAMOTO	05/20/2013								
EMI USHIODA	04/26/2013								
RECEIVING PARTY DATA									
Name:	TOKUYAMA CORPORATION								
Street Address:	1-1, MIKAGE-CHO								
City:	SHUNAN-SHI, YAMAGUCHI								
State/Country:	JAPAN								
Postal Code:	745-8648								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13993463</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13993463				
Property Type	Number								
Application Number:	13993463								
CORRESPONDENCE DATA									
Fax Number:	3124276663								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	3124271300								
Email:	debbie.szumowski@ladas.net								
Correspondent Name:	RICHARD J. STREIT								
Address Line 1:	LADAS & PARRY, 224 SOUTH MICHIGAN AVE.								
Address Line 4:	CHICAGO, ILLINOIS 60604								
ATTORNEY DOCKET NUMBER:	CU-70499 LKT/DS								
NAME OF SUBMITTER:	LOREN K. THOMPSON								
Signature:	/LOREN K. THOMPSON/								
Date:	06/12/2013								
Total Attachments: 1 source=cu70499_assignment#page1.tif									

CH \$40.00 13993463

Assignment

for Completion of PCT/JP2011/077969

Whereas, I/We, Naoto TAKAHASHI, Yasuyuki YAMAMOTO, and Emi USHIODA

of Yamaguchi, Japan

hereinafter called assignor(s), have invented certain improvements in

METALLIZED SUBSTRATE, METAL PASTE COMPOSITION,
AND METHOD FOR MANUFACTURING METALLIZED SUBSTRATE

and executed an application for Letters Patent of the United States of America therefor on
; and

Whereas, TOKUYAMA CORPORATION

of 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 745-8648 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date: Apr 26, 2013 *sl* Naoto Takahashi
Naoto TAKAHASHI

Date: May 20, 2013 *sl* Yasuyuki Yamamoto
Yasuyuki YAMAMOTO

Date: Apr 26, 2013 *sl* Emi Ushioda
Emi USHIODA

Date: *sl* _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)