11/23/2015 503581394

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROKI OKADA	11/04/2015
SHENGHUA LI	11/04/2015
MAKOTO KONDO	11/04/2015

RECEIVING PARTY DATA

Name:	ROHM AND HAAS ELECTRONIC MATERIALS LLC	
Street Address:	reet Address: 455 FOREST STREET	
City:	MARLBOROUGH	
State/Country:	te/Country: MASSACHUSETTS	
Postal Code:	01752	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14201667

CORRESPONDENCE DATA

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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: 989-636-7934 Email: kswertz@dow.com **KATHY WERTZ Correspondent Name:** Address Line 1: 2040 DOW CENTER

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ATTORNEY DOCKET NUMBER:	74239-US-NP
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	11/23/2015

Total Attachments: 1

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PATENT REEL: 037117 FRAME: 0781

503581394

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: TIN ALLOY PLATING SOLUTIONS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Rohm and Haas Electronic Materials LLC

455 Forest Street Marlborough, MA 01752 United States of America

an entity organized and existing under the laws of the the State of DELAWARE (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
14/201667	March 7, 2014	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Onnado, Niigata, Japan	At: Onnado, Niigata, Japan
this 4th day of hopen bey , 20 15	this 4th day of November , 20 15
Effective as of March 7, 2014	Effective as of March 7, 2014
Signature: Winohi Chala	
	Signature: Shanzhua Li
Full Name: Hiroki OKADA	Full Name: Shenghua Li
Mailing Address: 300 Onnado, Agano-shi, Niigata	Mailing Address: 300 Onnado, Agano-shi, Niigata
Country: JAPAN	Country: JAPAN
At: Onnado, Niigata, Japan	At:
this 4th day of November , 20 15	this day of, 20
Effective as of March 7, 2014	
Signature: Makata Wondo	
Signature: ///www survives	Signature:
Full Name: Makoto KONDO	Full Name:
Mailing Address: 300 Onnado, Agano-shi, Niigata	Mailing Address:
Country: JAPAN	Country:
	Country:
At:	At:
this day of , 20	this, 20,
Signature:	Signature:
Full Name:	Full Name:
Mailing Address:	Mailing Address:
A	
Country:	Country:
At:	At:
this day of, 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Mailing Address:	Mailing Address:
twaning vanioss.	- American Company
Country:	Country:
-/	

PATENT REEL: 037117 FRAME: 0782