

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4061396

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOICHI YOSHIDA	08/22/2016
KAZUTAKA MIYAMOTO	08/22/2016
KATSUMASA KAWABATA	08/22/2016
HENRY SANFORD-CRANE	08/22/2016
HUI BIN HUANG	08/23/2016
GEORGE C. JACOB	08/24/2016
SHUIYUAN LUO	09/05/2016
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<b>Name:</b>	Rohm and Haas Electronic Materials CMP Holdings, Inc.
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<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19713
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15229009
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<b>ATTORNEY DOCKET NUMBER:</b>	79430
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<b>SIGNATURE:</b>	/Patricia A. Connell/
<b>DATE SIGNED:</b>	09/21/2016

**Total Attachments: 2**

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Application Serial Number: 15/229,009

Filing Date: August 4, 2016

Attorney Docket No.: 79430

### ASSIGNMENT OF PATENT APPLICATION

We/I, the undersigned

Koichi Yoshida of Kyoto, Japan; Kazutaka Miyamoto of Mie, Japan; Katsumasa Kawabata of Kyoto, Japan; Henry Sanford-Crane of Elkton, Maryland; Hui Bin Huang of Monroeville, New Jersey; George C. Jacob of Newark, Delaware and Shuiyuan Luo of Newark, Delaware

Hereby declare that

We/I are true and first inventor(s) of an invention relating to

TAPERING METHOD FOR POROMERIC POLISHING PAD

22nd

which is disclosed in an application for Letters Patent in the United States of America, executed the 22nd day of August & September, 2016 (Case No. 79430); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign and transfer unto Rohm and Haas Electronic Materials CMP Holdings, Inc., a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its mailing address at 451 Bellevue Road, Newark, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers, or instruments necessary or required by said assignee, its successors, assigns, and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

  
Koichi Yoshida

08/22/2016  
DATE

宮本 一隆  
Kazutaka Miyamoto

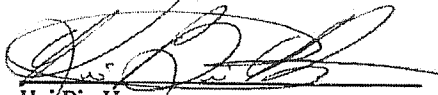
08/22/2016  
DATE

川端 克昌  
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08/22/2016  
DATE

  
Henry Sanford-Crane

8/22/2016  
DATE

  
Hui Bin Huang

8/23/2016  
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George C. Jacob  
George C. Jacob

8/24/2016  
DATE

  
Shuiyuan Luo

9/5/2016  
DATE