

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4054484

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROSHI KITAMURA	08/15/2016
TSUYOSHI MASUDA	08/15/2016
YOSHIYUKI MATSUMURA	08/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NIHON CABOT MICROELECTRONICS K.K.
<b>Street Address:</b>	1287-19, KITAKOYAMA, GEINO-CHO
<b>City:</b>	TSU-SHI, MIE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5142213
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15126543
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(630)499-2654
<i>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.</i>	
<b>Phone:</b>	630-375-2033
<b>Email:</b>	CMC_PROSECUTION@CABOTCMP.COM
<b>Correspondent Name:</b>	THOMAS OMHOLT PATENT PROSECUTION AGENT
<b>Address Line 1:</b>	CABOT MICROELECTRONICS CORPORATION
<b>Address Line 2:</b>	870 NORTH COMMONS DRIVE
<b>Address Line 4:</b>	AURORA, ILLINOIS 60504
<b>ATTORNEY DOCKET NUMBER:</b>	NIH-100578
<b>NAME OF SUBMITTER:</b>	PATRICIA ROMANELLI
<b>SIGNATURE:</b>	/Patricia Romanelli/
<b>DATE SIGNED:</b>	09/15/2016
<b>Total Attachments: 2</b>	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

## ASSIGNMENT

**WHEREAS**, we, Hiroshi KITAMURA of Tsu-shi, Mie-ken, Japan, Tsuyoshi MASUDA of Tsu-shi, Mie-ken, Japan, and Yoshiyuki MATSUMURA of Kashihara, Nara, Japan, have invented the subject matter described in International Patent Application No. PCT/JP2015/057924 filed on March 17, 2015 and entitled SLURRY COMPOSITION AND METHOD FOR POLISHING SUBSTRATE, the national phase of which has been assigned US Patent Application No. 15/126,543 in the US; and

**WHEREAS**, NIHON CABOT MICROELECTRONICS K.K.; 1287-19, Kitakoyama, Geino-cho, Tsu-shi, Mie 5142213, Japan, (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

**UPON SAID CONSIDERATION**, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

<u>Tsuyoshi Masuda</u> <small>Tsuyoshi Masuda (Aug 15, 2016)</small>	August 15, 2016
_____ <b>Tsuyoshi Masuda</b>	_____ <b>Date</b>
<u>Hiroshi Kitamura</u> <small>Hiroshi Kitamura (Aug 15, 2016)</small>	Aug 15, 2016
_____ <b>Hiroshi Kitamura</b>	_____ <b>Date</b>
<u>Yoshiyuki Matsumura</u> <small>Yoshiyuki Matsumura (Aug 16, 2016)</small>	August 16, 2016
_____ <b>Yoshiyuki Matsumura</b>	_____ <b>Date</b>

(Neither notarization nor legalization is required for this document)