

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5437485

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tomonori Takahashi	02/19/2015
Bing Du	02/25/2015
William A. Wojtczak	03/02/2015
Thomas Dory	02/16/2015
Emil A. Kneer	02/17/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.
<b>Street Address:</b>	80 CIRCUIT DRIVE
<b>City:</b>	NORTH KINGSTOWN
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02852
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16361637
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
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<b>Phone:</b>	(212) 641-2279
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<b>Correspondent Name:</b>	TONY ZHANG
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<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	23010-0165003
<b>NAME OF SUBMITTER:</b>	CHERYL A. FORREST
<b>SIGNATURE:</b>	/Cheryl A. Forrest/
<b>DATE SIGNED:</b>	03/25/2019
<b>Total Attachments: 4</b>	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, TOMONORI TAKAHASHI, BING DU, WILLIAM A. WOJTCZAK, THOMAS DORY, and EMIL A. KNEER, each individually assign to FUJIFILM ELECTRONIC MATERIALS U.S.A., INC., a corporation formed under the laws of Delaware and having a principal place of business at 80 Circuit Drive, N. Kingstown, RI 02852, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a U.S. patent application that names us as inventors, is titled "CLEANING FORMULATION FOR REMOVING RESIDUES ON SURFACES", and was filed in the United States Patent and Trademark Office on December 3, 2014, as U.S. Application No. 14/558,767; and of a PCT application entitled CLEANING FORMULATION FOR REMOVING RESIDUES ON SURFACES, filed December 3, 2014, and assigned PCT Serial Number PCT/US2014/68294 (the "Applications").

This Assignment assigns (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We confirm our prior authorization of the Assignee, as of December 3, 2014, and authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications,

assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

T. Takahashi  
Tomonori Takahashi

Date: 2015. Feb. 19th.

Witnessed by:

Signature: Akashi Mizutani

Date: 2015 Feb. 19th

Print Name: Akashi Mizutani

Signature: Takahiro Ohkawara

Date: 2015 Feb 19th

Print Name: Takahiro Ohkawara

Bing Du  
Bing Du

Date: 02/25/2015

Witnessed by:

Signature: Liujun She

Date: 02/25/2015

Print Name: Liujun She

Signature: Lihong Liang

Date: 02/25/2015

Print Name: Lihong Liang

William A. Wojtczak  
William A. Wojtczak

Date: 3-2-15

Witnessed by:

Signature: Yasuo Sugishima

Date: 3-2-15

Print Name: YASUO SUGISHIMA

Signature: Naomi Livingston

Date: 3-2-15

Print Name: Naomi Livingston

Thomas Dory  
Thomas Dory

Date: 2/16/15

Witnessed by:

Signature: Stanley A. Ficker

Date: 2/16/2015

Print Name: STANLEY A. FICKER

Signature: Barton Tillston

Date: 2/16/15

Print Name: Barton Tillston

Emil A. Kneer  
Emil A. Kneer

Date: 17 FEB 2015

Witnessed by:

Signature: John C. Podresny

Date: 2/17/2015

Print Name: JOHN C. PODRESNY

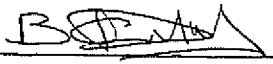
Signature: Dan Tefft

Date: 2/17/15

Print Name: Dan Tefft

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: FUJIFILM ELECTRONIC MATERIALS U.S.A., INC.

Signature:  Date: 3/2/2015

Name: Dr. Brian E. O'Donnelly

Title: President and CEO FEUSS

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