

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2745328

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NOTICE OF RECORDATION, IN THE ORIGINAL ELECTRONIC COVER SHEET THE LAST NAME OF THE 4TH INVENTOR IS MISSPELLED, previously recorded on Reel 032234 Frame 0912. Assignor(s) hereby confirms the ASSIGNMENT.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MITSUO UNNO</td><td>02/12/2014</td></tr><tr><td>MASAMICHI MITSUMOTO</td><td>02/12/2014</td></tr><tr><td>KAZUYA BABA</td><td>02/12/2014</td></tr><tr><td>TAKASHI KIKUDOME</td><td>02/12/2014</td></tr></tbody></table>		Name	Execution Date	MITSUO UNNO	02/12/2014	MASAMICHI MITSUMOTO	02/12/2014	KAZUYA BABA	02/12/2014	TAKASHI KIKUDOME	02/12/2014		
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>HITACHI CHEMICAL COMPANY, LTD.</td></tr><tr><td>Street Address:</td><td>9-2, MARUNOUCHI 1-CHOME</td></tr><tr><td>Internal Address:</td><td>CHIYODA-KU</td></tr><tr><td>City:</td><td>TOKYO</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>1006606</td></tr></table>		Name:	HITACHI CHEMICAL COMPANY, LTD.	Street Address:	9-2, MARUNOUCHI 1-CHOME	Internal Address:	CHIYODA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	1006606
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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>14124382</td></tr></tbody></table>		Property Type	Number	Application Number:	14124382								
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Application Number:	14124382												
CORRESPONDENCE DATA													
Fax Number:	(703)312-6666												
Phone:	7033126600												
Email:	rperez@antonelli.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP												
Address Line 1:	1300 N. 17TH STREET												
Address Line 2:	SUITE 1800												
Address Line 4:	ARLINGTON, VIRGINIA 22209												

ATTORNEY DOCKET NUMBER:	396.53304X00
NAME OF SUBMITTER:	ALAN E. SCHIAVELLI
Signature:	/Alan E. Schiavelli/
Date:	02/27/2014
<p>Total Attachments: 5 source=CoverSheet#page1.tif source=Assignment#page1.tif source=NoticeOfRecordation#page1.tif source=NoticeOfRecordation#page2.tif source=OriginalElectronicCoverSheet#page1.tif</p>	

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No. 396.53304X00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Mitsuo UNNO Masamichi MITSUMOTO, Kazuya BABA, Takashi KIKUDOME</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: HITACHI CHEMICAL COMPANY, LTD.</p> <p>Street Address: 9-2, Marunouchi 1-chome, Chiyoda-ku Tokyo 1006606 Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/ Execution Date: February 12, 2014.</p> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input checked="" type="checkbox"/> Other. Corrective Assignment. To correct in the Notice of Recordation the last name of the fourth inventor. Reel 032234 Frame 0912. </div> <div> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </div> </div>	

<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p>	
<p>A. Patent Application No.(s)</p> <p align="center">14/124,382</p>	<p>B. Patent Registration No.(s)</p>
<p align="right">Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP</p> <p>Internal Address:</p> <p>1300 NORTH 17TH STREET – SUITE 1800</p> <p>City: ARLINGTON State: VA Zip 22209</p> <p>Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com</p>	<p>6. Total number of applications and patents involved: 1</p> <hr/> <p>7. Total fee (37 CFR 3.41)..... \$</p> <div style="margin-left: 20px;"> <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) </div> <hr/> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 numbers: Expiration date:</p> <p>b. Deposit account number: 01-2135</p> <p>Authorized User Name:</p>
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alan E. Schiavelli, Reg#32,087

/Alan E. Schiavelli/

02/27/2014

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT
REEL: 032363 FRAME: 0065**

ASSIGNMENT				ATTY. DOCKET NO.:	
				396.53304X00	
WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to					
NON-ASBESTOS FRICTION MATERIAL COMPOSITION					
for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.					
for which U.S. Application No.		for Letters Patent was filed in the U.S. Patent and Trademark Office on			
X	for which an International Application was filed on	June 6, 2012	as	PCT/JP2012/064587	, designating the United States.
AND WHEREAS		HITACHI CHEMICAL COMPANY, LTD. 9-2, Marunouchi 1-chome, Chiyoda-ku Tokyo 1006606 Japan			
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof. NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made. AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon. AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith. The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.					
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE		DATE	
	Mitsuo UNNO	<i>Mitsuo Unno</i>		FEB. 12, 2014	
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
	Masamichi MITSUMOTO	<i>Masamichi Mitsumoto</i>		FEB. 12, 2014	
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
	Kazuya BABA	<i>Kazuya Baba</i>		FEB. 12, 2014	
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
	Takashi KIKUDOME	<i>Takashi Kikudome</i>		FEB. 12, 2014	
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	