504423918 06/21/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SABRINA SCHMIDT-EMRICH	05/22/2017
LINDA THOENY-MEYER	05/11/2017
QUN REN ZULIAN	05/31/2017

RECEIVING PARTY DATA

Name:	EMPA EIDGENOESSISCHE MATERIALPRUEFUNGS-UND FORSCHUNGSANSTALT
Street Address:	LERCHENFELDSTRASSE 5
City:	ST. GALLEN
State/Country:	SWITZERLAND
Postal Code:	9014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15104710

CORRESPONDENCE DATA

Fax Number: (703)776-9701

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: (703) 776-9700

Email: mail@jalindeman.com

Correspondent Name: J.A. LINDEMAN & CO., PLLC Address Line 1: 3190 FAIRVIEW PARK DRIVE

Address Line 2: SUITE 480

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	014.0093-US00
NAME OF SUBMITTER:	AARON M. RAPHAEL
SIGNATURE:	/Aaron M. Raphael, Reg. No. 47,885/
DATE SIGNED:	06/21/2017

Total Attachments: 4

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INVENTORS' WORLDWIDE ASSIGNMENT

WHEREAS,	this	patent	assignment	(the	"Assignment")	is	made	as	of
		, (the "E	ffective Date")		- ,				

WHEREAS, inventors Sabrina SCHMIDT-EMRICH, Linda THOENY-MEYER, and Qun Ren ZULIAN ("Assignors") possess the right, title, and interest for and in an invention entitled METHOD FOR REDUCING ADHESION OF MICROORGANISMS TO FABRICS ("the Invention"). The Invention is described in the corresponding listed U.S. Patent Application No. 15/104,710, (the "Application"), which was filed on June 15, 2016; and PCT International Application No. PCT/EP2014/078383, filed on December 18, 2014; and

WHEREAS, **EMPA** EIDGENOESSISCHE MATERIAL PRUEFUNGS-UND FORSCHUNGSANSTALT, whose post office address is Lerchenfeldstrasse 5, St. Gallen, Switzerland, 9014, ("Assignee"), is desirous of acquiring Assignors' entire right, title, and interest in and to this Invention in all countries throughout the world, and in and to the applications for Letters Patent in all countries throughout the world on this Invention and any Letters Patent to be issued from this Application, including all continuation applications, divisional applications, reissues, and reexaminations and all Letters Patent throughout the world which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above Application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country (including any PCT International applications), and all Letters Patent which may be granted on this Invention in any foreign country, and all extensions, renewals, divisional applications, and reissues thereof (all of Inventors' right, title, and interest referred to in this paragraph are hereinafter collectively referred to as the "Rights");

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors confirm that they have sold, assigned, transferred, and conveyed, absolutely, and by way of further assurances do hereby sell, assign, transfer, and convey absolutely to Assignee, its lawful successors and assigns, Assignors' entire right, title, and interest in and to the aforesaid Rights in existence as of the Effective Date.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any appropriate official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent under said Rights to Assignee, its successors and assigns, in accordance with the terms of this Assignment; and

ASSIGNORS hereby covenant that Assignors have the full right to convey the interest assigned by this Assignment, and that Assignors have not executed and will not execute any agreement in conflict with this Assignment;

AND, the aforesaid Assignment includes the Assignors' right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

AND, nothing in this Assignment shall be construed as (i) a warranty or representation by Assignors as to the validity or scope of any Rights, (ii) a warranty or representation that anything made, used, imported, developed, promoted, offered for sale, sold, or otherwise disposed of under the Rights does not or will not infringe patents, trade secrets or other proprietary rights of third parties; (iii)

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ASSIGNORS further covenant and agree that, upon request of Assignee, Assignors will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to Assignors respecting this Invention, sign and deliver all lawful papers when called upon to do so, including Declarations, Oaths, Powers of Attorney, Assignments, and Affidavits for or in relation to this Application and any continuation applications, divisional applications, reissues, and reexaminations, and to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this Invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by Assignee, its successors and assigns.

The undersigned hereby authorize the firms of J.A. Lindeman & Co. PLLC to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

IN WITNESS WHEREOF, said Assignors have hereunto set their hands.

Signature of Assignor:	Dr.f./lill-Lix	Date:	22/05/2017
Printed Name:	Dr. Sabrina SCHMIDT-EMRICH	Citizen of:	DE
Post Office Address:	An der Stecknitz 4, 21514 Büchen,	Deutschland	
Residence (if different):			

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The undersigned hereby authorize the firms of J.A. Lindeman & Co. PLLC to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

IN WITNESS WHEREOF, said Assignors have hereunto set their hands.

Signature of Assignor:		Date:	
Printed Name:	Sabrina SCHMIDT-EMRICH	Citizen of:	СН
Post Office Address:	Goethestrasse 26, St. Gallen, Switz	zerland 9008	
Residence (if different):			
Signature of Assignor:	Cicela Prong-ley	Date:	11.05.2017
Printed Name:	Linda THOENY-MEYER	Citizen of:	СН
Post Office Address:	Gremmstrasse 22, Teufen, Switzer	land 9053	
		Date:	
Signature of Assignor:			
Printed Name:	Qun Ren ZULIAN	Citizen of:	СН
Post Office Address:	Haggenstrasse 9, St. Gallen, Switzerland 9014		

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ASSIGNORS further covenant and agree that, upon request of Assignee, Assignors will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to Assignors respecting this Invention, sign and deliver all lawful papers when called upon to do so, including Declarations, Oaths, Powers of Attorney, Assignments, and Affidavits for or in relation to this Application and any continuation applications, divisional applications, reissues, and reexaminations, and to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this Invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by Assignee, its successors and assigns.

The undersigned hereby authorize the firms of J.A. Lindeman & Co. PLLC to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

IN WITNESS WHEREOF, said Assignors have hereunto set their hands.

Signature of Assignor:	Cor-	Date:	31.05.2017
Printed Name:	Qun REN ZULIAN	Citizen of:	CN
Post Office Address:	Haggenstrasse 9, 9014 St. G	allen, Switzerland	
Residence (if different):	1		

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RECORDED: 06/21/2017