

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUGURU USHIRO	11/28/2018
AKIHIRO HAYASHI	11/28/2018
YOSHIYUKI UENO	11/29/2018
RECEIVING PARTY DATA	
Name:	TORAY INDUSTRIES, INC.
Street Address:	1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	103-8666
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16319751
CORRESPONDENCE DATA	
Fax Number:	(215)656-2498
<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>	
Phone:	215-656-3381
Email:	pto.phil@dlapiper.com
Correspondent Name:	IP GROUP OF DLA PIPER LLP (US)
Address Line 1:	ONE LIBERTY PLACE
Address Line 2:	1650 MARKET ST, SUITE 4900
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	TIP-18-1686/308877-687
NAME OF SUBMITTER:	T. DANIEL CHRISTENBURY
SIGNATURE:	/TDC/
DATE SIGNED:	01/22/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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TIP-18-1686

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

Suguru Ushiro of Otsu, Japan
Akihiro Hayashi of Otsu, Japan
Yoshiyuki Ueno of Otsu, Japan

(hereinafter referred to as "the undersigned"), have made an invention entitled BIOLOGICAL COMPONENT ADHESION-SUPPRESSING MATERIAL identified in International Application No. PCT/JP2017/027493, and US Application No. 16/319,751, (DLA Piper is authorized to insert the US Serial No. when known),

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Toray Industries, Inc. with offices at 1-1 Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If

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the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the dates set forth below.

28/11/2018
Date

28/11/2018
Date

29/11/2018
Date

Suguru Ushiro
Suguru Ushiro

Akihiro Hayashi
Akihiro Hayashi

Yoshiyuki Ueno
Yoshiyuki Ueno