

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOJI KOBAYASHI	08/20/2018
SHINGO HIRAMATSU	08/20/2018
KATSUSHIGE YAMADA	08/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TORAY INDUSTRIES, INC.
<b>Street Address:</b>	1-1, NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	103-8666
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16089271
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)656-2498
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<b>Email:</b>	pto.phil@dlapiper.com
<b>Correspondent Name:</b>	IP GROUP OF DLA PIPER LLP (US)
<b>Address Line 1:</b>	ONE LIBERTY PLACE
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<b>ATTORNEY DOCKET NUMBER:</b>	TAN-18-1432 (308884-076)
<b>NAME OF SUBMITTER:</b>	T. DANIEL CHRISTENBURY
<b>SIGNATURE:</b>	/TDC/
<b>DATE SIGNED:</b>	09/27/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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source=CombinedDecAssign#page2.tif	

TAN-18-1432

**COMBINED DECLARATION/ASSIGNMENT**

WHEREAS, we

Koji Kobayashi of Kamakura, Japan

Shingo Hiramatsu of Kamakura, Japan

Katsushige Yamada of Kamakura, Japan

(hereinafter referred to as "the undersigned"), have made an invention entitled TRICHODERMA FUNGUS HAVING MUTANT-TYPE BXL1 GENE AND METHOD FOR PRODUCING XYLOOLIGOSACCHARIDE AND GLUCOSE BY USING SAME, identified in International Application No. PCT/JP2017/013379, and US Application No. 16/089,271, (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 Japan (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

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of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If 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.

Aug 20, 2018  
Date

Aug 20, 2018  
Date

Aug 20, 2018  
Date

Koji Kobayashi  
Koji Kobayashi

Shingo Hiramatsu  
Shingo Hiramatsu

Katsushige Yamada  
Katsushige Yamada