

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MASAKI KURASHINA</td><td>01/29/2014</td></tr><tr><td>TOSHINORI SUMI</td><td>01/29/2014</td></tr><tr><td>YASUO HIROMOTO</td><td>01/29/2014</td></tr><tr><td>HIROYUKI FUJIKI</td><td>01/29/2014</td></tr></tbody></table>		Name	Execution Date	MASAKI KURASHINA	01/29/2014	TOSHINORI SUMI	01/29/2014	YASUO HIROMOTO	01/29/2014	HIROYUKI FUJIKI	01/29/2014
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<table border="1"><tr><td>Name:</td><td>mitsubishi rayon co., ltd.</td></tr><tr><td>Street Address:</td><td>1-1, MARUNOUCHI 1-CHOME, 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>100-8253</td></tr></table>		Name:	mitsubishi rayon co., ltd.	Street Address:	1-1, MARUNOUCHI 1-CHOME, CHIYODA-KU	City:	TOKYO	State/Country:	JAPAN	Postal Code:	100-8253
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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Address Line 4: ALEXANDRIA, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	429260US99PCT										
NAME OF SUBMITTER:	GENET TESFAYE										
Signature:	/Genet Tesfaye/										

Date:

02/06/2014

Total Attachments: 2

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Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Masaki KURASHINA of Otake-shi, Japan
Toshinori SUMI of Otake-shi, Japan
Yasuo HIROMOTO of Otake-shi, Japan
Hiroyuki FUJIKI of Otake-shi, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: POROUS FILM MANUFACTURING METHOD AND APPARATUS

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Rayon Co., Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku,
Tokyo 100-8253 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: January 29, 2014

Masaki Kurashina

(Signature of Inventor)

Masaki KURASHINA

Date: January 29, 2014

Toshinori Sumi

(Signature of Inventor)

Toshinori SUMI

Date: January 29, 2014

Yasuo HIROMOTO

(Signature of Inventor)

Yasuo HIROMOTO

Date: January 29, 2014

Hiroyuki FUJIKI

(Signature of Inventor)

Hiroyuki FUJIKI

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03