### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3080451

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROYUKI KURODA	07/31/2014
TAKATOSHI YAOITA	07/18/2014
SHIGEYUKI SHISHIDO	07/17/2014
YUKIHIRO IWASAKI	07/15/2014
TAKAFUMI MORI	07/17/2014
KATSUHIKO FUNAKI	07/15/2014
HIROFUMI ZENKOH	07/23/2014

#### RECEIVING PARTY DATA

Name:	MITSUI CHEMICALS TOHCELLO, INC.
Street Address:	7, KANDAMITOSHIRO-CHO
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	101-8485

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14397027

#### **CORRESPONDENCE DATA**

Fax Number: (703)836-7419

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: 7038366620

Email: beverly.caraway@bipc.com

BUCHANAN INGERSOLL & ROONEY P.C. **Correspondent Name:** 

P.O. BOX 1404 Address Line 1:

Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	1034232-000244
NAME OF SUBMITTER:	BEVERLY A. CARAWAY
SIGNATURE:	/BACaraway/
DATE SIGNED:	10/24/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
	PAILNI

REEL: 034031 FRAME: 0980 503033852

Attorney Docket No.		
•	Page 1	of 2

As one of the directed to:	below	named	inventors, I hereby	y declare tha	t this Combin	ned Declaration	and Assignm	ent is
	(1)	☑ U.	S. application numb	er or PCT ap	plication num	per <u>PCT/JP20</u>	13/002724	_,
		file	ed on <u>April 23, 20</u>	<u>13</u> ,				

entitled METHOD FOR MANUFACTURING ENCAPSULATING MATERIAL SHEET FOR SOLAR BATTERY; or

(2) the attached application entitled \_\_\_\_\_

### DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

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I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

# **ASSIGNMENT**

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application;

WHEREAS, Mitsui Chemicals Tohcello, Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 7, Kandamitoshiro-cho, Chiyoda-ku, Tokyo 101-8485 Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and

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Attorneys & Government Relations Professionals

Attorney D	ocket No.	
		Page 2 of 2

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

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AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

7/3/ /2014 Date	Hiroyuki KURODA	Norroyako Murvelle Signature
Date	Name	Signature
Date	Takatoshi YAOITA Name	Signature
Date	Shigeyuki SHISHIDO Name	Signature
Date	Yukihiro IWASAKI Name	Signature
Date	Takafumi MORI Name	Signature
Date	Katsuhiko FUNAKI Name	Signature
Date	Hirofumi ZENKOH Name	Signature

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·	Page 1	of 2

is

# COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below nar directed to:	med inventors, I hereby declare that this Combined Declaration and Assignment
(1) 🛚	U.S. application number or PCT application number PCT/JP2013/002724, filed on April 23, 2013
	entitled METHOD FOR MANUFACTURING ENCAPSULATING MATERIAL SHEET FOR SOLAR BATTERY; or
(2)	the attached application entitled

### DECLARATION

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WHEREAS, Mitsui Chemicals Tohcello, Inc., a corporation duly organized under and pursuant to the laws of <u>Japan</u> and having a principal place of business at <u>7</u>, <u>Kandamitoshiro-cho</u>, <u>Chiyoda-ku</u>, <u>Tokyo 101-8485 Japan</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and

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Attorneys & Government Relations Professionals

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

	Hiroyuki KURODA	
Date	Name	Signature
July 18, 2014 Date	Takatoshi YAOITA Name	Takatush, Yavita Signature
Date	Shigeyuki SHISHIDO Name	Signature
Date	Yukihiro IWASAKI Name	Signature
Date	Takafumi MORI Name	Signature
Date	Katsuhiko FUNAKI Name	Signature
Date	Hirofumi ZENKOH Name	Signature

Attorney Docket No.	
	Page 1 of 2

As on	e of	the	below	named	inventors,	ı	hereby	declare	that	this	Combined	Declaration	and	Assignment	is
directe	d to	:												<del>-</del>	

(1)	$\boxtimes$	U.S. application number or PCT application number PCT/JP2013/002724
		filed on <u>April 23, 2013</u> ,
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		MATERIAL SHEET FOR SOLAR BATTERY; or
(2)	П	the attached application entitled

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Attorneys & Government Relations Professionals

Attorney	Docket	No.	F
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Date	Hiroyuki KURODA Name	Signature
Date	Takatoshi YAOITA Name	Signature
Jul 17 20 /4	Shigeyuki SHISHIDO Name	Shizeyki Likshida Signature
Jul. 15, 2014 Date	Yukihiro IWASAKI Name	Yukihiro Iwasobi Signature
Jul. 17, 2014 Date	Takafumi MORI Name	Jakufumi Mori Signature
Date	Katsuhiko FUNAKI Name	Signature
Date	Hirofumi ZENKOH Name	- Signature

Attorney Docket No.		
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Date	Hiroyuki KURODA Name	Signature
Date	Takatoshi YAOITA Name	Signature
Date	Shigeyuki SHISHIDO Name	Signature
Date	Yukihiro IWASAKI Name	Signature
Date	Takafumi MORI Name	Signature
7/15/2014 Date	Katsuhiko FUNAKI Name	Katsulik Binchi Signature
 Date	Hirofumi ZENKOH Name	Signature

Attorney	Docket	No.		
-			Page 1	of 2

As one of the below nar	med inventors, I hereby declare that this Combined Declaration and Assignment is
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Date	Name	Signature
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Date	Name	Signature
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Date	Name	Signature
	Katsuhiko FUNAKI	
Date	Name	Signature
July 23th, 2014	Hirofumi ZENKOH	Mirofini Genhor
Ø Date	Name	Signature