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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5684214

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEY	DNVEYANCE: ASSIGNMENT			
CONVEYING PARTY	DATA			
	Name			
TAKAHIRO MAEDA			07/24/2019	
YOSHIYUKI OGAWA			07/24/2019	
RECEIVING PARTY I		JI CHEMICALS, INC.		
Street Address:		5-2, HIGASHI-SHIMBASHI 1-CHOME, MINATO-KU		
City:	ТОКҮ	ΤΟΚΥΟ		
State/Country:	JAPAI	JAPAN		
Postal Code:	10571	22		
PROPERTY NUMBEI	RS Total:	1		
Property Type		Number		
Application Number:		16488432		

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:202-672-5300Email:ipdocketing@foley.com,mdoyle@foley.com,yelagha@foley.com,atitus@foley.comCorrespondent Name:MICHAEL D. KAMINSKIAddress Line 1:FOLEY & LARDNER LLPAddress Line 2:3000 K STREET, N.W., SUITE 600

Address Line 4:WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	055053-0386				
NAME OF SUBMITTER:	AUDREY TITUS				
SIGNATURE:	/Audrey Titus/				
DATE SIGNED:	08/23/2019				
Total Attachments: 4					
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Assignment of Application

WHEREAS, I (WE) 1) Takahiro MAEDA and 2) Yoshiyuki OGAWA of c/o MITSUI AND RESIDENCE AND RESIDENCE AND RESIDENCE CHEMICALS, INC., 3, Chigusakaigan, Ichihara-shi, Chiba 2990108 Japan, respectively,

have invented certain new and useful improvements in: "LAMINATE FOR BATTERY"

(Application No. ______, filed ______), and

INSERT NAMES WHEREAS, MITSUI CHEMICALS, INC.

AND ADDERESS OF COMPANY OR OTHER ASSIGNCE

(hereinafter referred to as "ASSIGNEE") having a place of business at : 5-2, <u>Higashi-Shimbashi</u> 1-chome, <u>Minato-ku</u>, <u>Tokyo</u> 1057122 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.

PATENT REEL: 050149 FRAME: 0570

Page 2 of 2

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 ASSIGNMEE, 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 FOLEY & LARDNER LLP of WASHINGTON HARBOUR 3000 K STREET, N.W., SUITE 600 WASHINGTON D.C. 20007-3109

U.S.A. 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:	July 24, 2019	The MM
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Date:		2552050-160 std 380-064063
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Date:		Signature of Inventore
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PATENT REEL: 050149 FRAME: 0571

Assignment of Application

WHEREAS, I (WE) 1) Takahiro MAEDA and 2) Yoshiyuki OGAWA of c/o MITSUI AND HISDINGRA THE INVESTIGE T

have invented certain new and useful improvements in: "LAMINATE FOR BATTERY"

(Application No. ______, filed ______), and WHEREAS, MITSUI CHEMICALS, INC.

INSIERT NAMES AND ADDRESS OF COMPANY OR COMPANY OR COMPANY OR

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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.

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PATENT REEL: 050149 FRAME: 0572

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 reissne 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 ASSIGNMEE, 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.

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Date:			(Signations of leasants)	Makabian		
Date:	July 24,	2019	Tos	hiyaki	Ogawa	
			Signature of Inventia)	Yoshiyaki	. OGAWA	
Date: _			(Signature of Treestor)		•••	
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Date: 、			(Signature at Investor)			

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RECORDED: 08/23/2019