### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4770176

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASAKI FUJIE	11/30/2017
TOMOYOSHI YAMASHITA	11/30/2017
HIRONOBU IKEDA	12/08/2017
JUNYA IMAKITA	12/08/2017

#### **RECEIVING PARTY DATA**

Name:	MITSUBISHI CHEMICAL CORPORATION
Street Address:	1-1, MARUNOUCHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8251

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

Property Type	Number
Application Number:	15743565

#### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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.

(703) 413-3000 Phone: Email: cgorham@oblon.com

**Correspondent Name:** OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	509442US
NAME OF SUBMITTER:	CARLA M GORHAM
SIGNATURE:	/Carla M Gorham/
DATE SIGNED:	01/10/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

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**PATENT** REEL: 044588 FRAME: 0417

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> PATENT REEL: 044588 FRAME: 0418

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	POLYPROPYLENE FIBER AND METHOD FOR MANUFACTURING POLYPROPYLENE FIBER
As the below name	d inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number PCT/JP2016/070497 filed on July 12, 2016
The above-identifie	ed application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referre Tokyo 100-8251, Ja	TSUBISHI CHEMICAL CORPORATION d to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku, apan, is desirous of acquiring the entire right, title and interest in and to said invention and in and and that may be granted therefore in the United States and its territorial possessions and in any and s;
acknowledged, and said ASSIGNEE, the and in all foreign coother relevant liner interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignee of my enti (his) successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.	
	dedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Masaki	
Signature:	Tashk: Fujie

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT **REEL: 044588 FRAME: 0419**

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	POLYPROPYLENE FIBER AND METHO POLYPROPYLENE FIBER	D FOR MANUFACTURING
As the below name	ed inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international ap- filed on <u>July 12, 2016</u>	plication number PCT/JP2016/070497
The above-identifie	ed application was made or authorized to be made b	y me.
I believe that I am t	the original inventor or an original joint inventor of	a claimed invention in the application.
WHEREAS, MITSUBISHI CHEMICAL CORPORATION  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Marumouchi 1-chome, Chiyoda-ku, Tokyo 100-8251, 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, THEREPORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.		
I hereby acknow by fine or imprison	wledge that any willful false statement made in this ment of not more than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR	
	oshi YAMASHITA	Date: 2017 / 11 / 30
Signature: Zopp	ngoshi Yaniashita 💎	

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PATENT

**REEL: 044588 FRAME: 0420** 

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Intle of Invention	POLYPROPYLENE FIBER AND POLYPROPYLENE FIBER	METHOD FOR MANUFACTURING
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT inten- filed on July 12, 2016	eational application number PCT/JP2016/070497
The above-identifie	ed application was made or authorized to	be made by me.
I believe that I am t	he original inventor or an original joint is	nventor of a claimed invention in the application.
(hereinafter referre Tokyo 100-8251, Ja	span, is desirous of acquiring the entire of that may be granted therefore in the U	N  f business at: 1-1, Manusouchi 1-chome, Chiyoda-ku, right, title and interest in and to said invention and in and nited States and its territorial possessions and in any and
acknowledged, and said ASSIGNEE, the and in all foreign co- other relevant Inter- interest in and to a	for other good and valuable consideration full and exclusive right to the said involuntries (including the right to claim prior national Treaties and Arrangements from my and all Letters Patent which may be any and all foreign countries and in	IVE DOLLARS (\$5.00), the receipt whereof is hereby on, I, by these presents do sell, assign and transfer unto ention in the United States and its territorial possessions wity under the terms of the International Convention and a the aforesaid application) and the entire right, title and granted therefor in the United States and its territorial and to any and all divisions, reissues, continuations,
any and all foreign assignee of my enti- (his) successors and	countries to issue any and all of said ! re right, title and interest in and to the s	is in the United States and its territorial possessions and etters Patent, when granted, to said ASSIGNEE as the ame, for the sole use and behoof of said ASSIGNEE, its which said Letters Patent may be granted, as fully and is ignment and sale not been made.
respecting said inv continuation, substit all of said Letters I possible to aid said	rention, and testify in any legal procu tute, renewal and reissue applications, or Patent to be issued to said ASSIGNEE	NEE or its (his) representatives any facts known to me reding, sign all lawful papers, execute all divisional, secure all necessary assignment papers to cause any and , make all rightful oaths, and, generally do everything ssigns, to obtain and enforce proper protection for said and in any and all foreign countries.
I hereby acknowl by fine or imprisonn	ledge that any willful false statement ma nent of not more than five (5) years, or b	de in this declaration is punishable under 18 U.S.C. 1001 oth.
LEGAL NAME OF	INVENTOR	
Inventor: Hironobi	u lKEDA	Date: 2017/12/8
Signature: Hiro	moby IKEDA	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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> PATENT REEL: 044588 FRAME: 0421

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	POLYPROPYLENE FIBER AND METHOD FOR MANUFACTURING POLYPROPYLENE FIBER
As the below name	d inventor, I hereby declare that:
This declaration [	The attached application, or
is directed to:	United States application or PCT international application number PCT/JP2016/070497 filed on July 12, 2016
The above-identific	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
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acknowledged, and said ASSIGNEE, the and in all foreign coother relevant inter- interest in and to a	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto be full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignce of my enti (his) successors and	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its I assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
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	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Junya II	MAKITA Date: 30/7/12/8
Signature: Ju	nva IMAKITA

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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ALEXANDRIA, VIRGINIA 22314

PATENT 44588 FRAME: 042

RECORDED: 01/10/2018 REEL: 044588 FRAME: 0422