10/12/2016 504047342

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHOHEI TANIGUCHI	08/18/2016
YUSUKE IZAWA	08/18/2016
MASARU UTSUNOMIYA	08/18/2016

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:	15239232

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.

Phone: (703) 413-3000 Email: moatley@oblon.com **Correspondent Name:** OBLON. ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	475492US99CONT
NAME OF SUBMITTER:	MICHAEL PENNINGTON SEBASTIAN OATLEY
SIGNATURE:	/Michael Pennington Sebastian Oatley/
DATE SIGNED:	10/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT** REEL: 039998 FRAME: 0712 504047342

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	GAMMA-BUTYROLACTONE COMPOSITION AND METHOD FOR PRODUCING SAME	
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 number15/239,232 filed on _August 17, 2016	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referred Tokyo 100-8251 Ja	TSUBISHI CHEMICAL CORPORATION d to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome, Chiyoda-lapan, is desirous of acquiring the entire right, title and interest in and to said invention and in an ant that may be granted therefore in the United States and its territorial possessions and in any ass;	nd
acknowledged, and said ASSIGNEE, the and in all foreign contact the contact in th	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is here for other good and valuable consideration, I, by these presents do sell, assign and transfer undeful and exclusive right to the said invention in the United States and its territorial possession ountries (including the right to claim priority under the terms of the International Convention a national Treaties and Arrangements from the aforesaid application) and the entire right, title a many and all Letters Patent which may be granted therefor in the United States and its territoria any and all foreign countries and in and to any and all divisions, reissues, continuation newals thereof.	nto ns nd nd
any and all foreign assignee of my enti (his) successors and	ze and request the Patent Office Officials in the United States and its territorial possessions at countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, dissigns, to the full end of the term for which said Letters Patent may be granted, as fully as a would have been held by me had this Assignment and sale not been made.	he its
Further, I agree respecting said inv continuation, substi- all of said Letters in possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to represent the properties of the	al, nd
I hereby acknow	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 100 ment of not more than five (5) years, or both.)1
LEGAL NAME OF	INVENTOR	
Inventor: Shohei		
Signature:	Soli Famarili	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 039998 FRAME: 0713

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	GAMMA-BUTYROLACTONE COMPOSITION AND METHOD FOR PRODUCING SAME
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 15/239,232 filed on August 17, 2016
The above-identifie	d application was made or authorized to be made by me.
I believe that I am the	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred Tokyo 100-8251 Jan	ISUBISHI CHEMICAL CORPORATION d to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku, pan, is desirous of acquiring the entire right, title and interest in and to said invention and in and at that may be granted therefore in the United States and its territorial possessions and in any and s;
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- 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 be full and exclusive right to the said invention in the United States and its territorial possessions countries (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 assignee 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 d 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.
respecting said inv continuation, substitall of said Letters leads said said said said said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
by fine or imprisonn	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: Yusuke	IZAWA Date: August 18, 2016
Signature: Yusu	ike Izawa

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 039998 FRAME: 0714

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

GAMMA-BUTYROLACTONE COMPOSITION AND METHOD FOR PRODUCING SAME

As the below named inventor, I hereby declare that:	
This declaration 1. The attached application, or	
is directed to: We united States application or PCT international application number filed on August 17, 2016	_
The above-identified application was made or authorized to be made by me.	
I believe that I am 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, Marunouchi 1-chome, Chiyoda. Tokyo 100-8251 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any all foreign countries;	and
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is her acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer us said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possession and in all foreign countries (including the right to claim priority under the terms of the International Convention other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title interest in and to any and all Letters Patent which may be granted therefor in the United States and its territo possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuation substitutions and renewals thereof.	ons and and
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully entirely as the same would have been held by me had this Assignment and sale not been made.	the
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all division continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any a all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everyth possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for sinvention in the United States and its territorial possessions and in any and all foreign countries.	nal, and
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 10 by fine or imprisonment of not more than five (5) years, or both.)01
LEGAL NAME OF INVENTOR	
Inventor: Masaru UTSUNOMIYA Date: August 18, 2016	
Signature: Masaru Usunomya.	_

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 039998 FRAME: 0715

RECORDED: 10/12/2016

Title of

Invention