503639008 01/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUSHI KAKIMI	09/14/2015
TAKAKO UCHIYAMA	09/04/2015
HIDEHO MATSUDA	10/14/2015
MASAKI TAKEMOTO	09/17/2015
KATSUMI HIGUCHI	10/14/2015

RECEIVING PARTY DATA

Name:	MITSUBISHI GAS CHEMICAL COMPANY, INC.
Street Address:	5-2, MARUNOUCHI 2-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8324

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14903375

CORRESPONDENCE DATA

Fax Number: (703)716-1180

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.

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Email: gbpatent@gbpatent.com

Correspondent Name: GREENBLUM & BERNSTEIN, P.L.C. Address Line 1: 1950 ROLAND CLARKE PLACE

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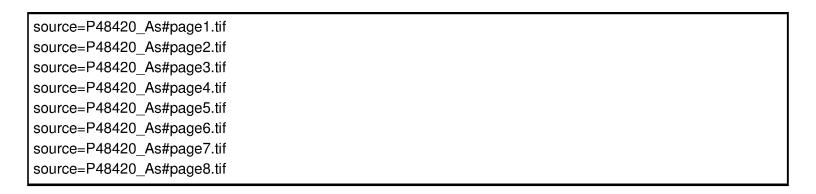
ATTORNEY DOCKET NUMBER:	P48420	
NAME OF SUBMITTER:	LESLIE J. PAPERNER	
SIGNATURE:	/Leslie J. Paperner/	
DATE SIGNED:	01/07/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 8

PATENT REEL: 037431 FRAME: 0337

EPAS ID: PAT3685641

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PATENT REEL: 037431 FRAME: 0338

COMBINED INVENTOR'S DECLARATION AND ASSIGNMENT

DECLARATION

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Authorization to Permit Access to Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the herein-identified patent application is filed access to the herein-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the herein-identified patent application is filed to have access to the herein-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the herein-identified patent application with respect to: 1) the herein-identified patent application-as-filed; 2) any foreign application to which the herein-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the herein-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the herein-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

The undersigned hereby authorizes the U.S. attorney or agent appointed herein to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned.

Direct Correspondence to: CUSTOMER NUMBER 07055

At: Greenblum & Bernstein, P.L.C. 1950 Roland Clarke Place Reston, VA 20191

Direct Telephone Calls to: Greenblum & Bernstein, P.L.C. (703) 716-1191

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PATENT REEL: 037431 FRAME: 0339

ASSIGNMENT

WHEREAS, Atsushi KAKIMI, a resident of Niigata, JAPAN, whose mailing address is c/o Mitsubishi Gas Chemical Company, Inc., Niigata Plant, 3500, Matsuhamacho, Kita-ku, Niigata-shi, Niigata 950-3121 JAPAN, Takako UCHIYAMA, a resident of Niigata, JAPAN, whose mailing address is c/o Mitsubishi Gas Chemical Company, Inc., Niigata Research Laboratory, 182, Tayuhama Shinwari, Kita-ku, Niigata-shi, Niigata 950-3112 JAPAN, Hideho MATSUDA, a resident of Okayama, JAPAN, whose mailing address is c/o Mitsubishi Gas Chemical Company, Inc., Mizushima Plant, 10, Mizushimakaigandori 3-chome, Kurashiki-shi, Okayama 712-8525 JAPAN, Masaki TAKEMOTO, a resident of Niigata, JAPAN, whose mailing address is c/o Mitsubishi Gas Chemical Company, Inc., Niigata Research Laboratory, 182, Tayuhama Shinwari, Kita-ku, Niigata-shi, Niigata 950-3112 JAPAN, and Katsumi HIGUCHI, a resident of Tokyo, JAPAN, whose mailing address is c/o Mitsubishi Gas Chemical Company, Inc., 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8324 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

METHOD FOR PRODUCING α -HYDROXYISOBUTYRIC ACID AMIDE AND REACTOR

for which they have executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office, which Application is a National Stage of International Application No. PCT/JP2014/068755, filed July 15, 2014.

AND WHEREAS, MITSUBISHI GAS CHEMICAL COMPANY, INC., a corporation organized and existing under the laws of JAPAN, whose mailing address is 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8324 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this respective date(s) indicated below.	assignment is executed by said ASSIGNOR(S), on the
First Witness (Optional):	
(Name)	
(Date)	
	<u>垣見実た</u> - Atsushi KAKIMI
	Atsushi KAKIMI Sep. 14th 2015 Date
Second Witness (Optional):	
(Name)	
(Date)	

(Date)

IN TESTIMONY WHEREOF, this respective date(s) indicated below.	assignment is executed by said ASSIGNOR(S), on the
First Witness (Optional):	
(Name)	
(Date)	Takako Uchiyama
	Takako UCHIYAMA
•	Sep. 04, 2015 Date
Second Witness (Optional):	
(Name)	

(Name)

(Date)

IN TESTIN respective date(s) i	IONY WHEREOF, this assindicated below.	gnment is executed by	said ASSIGNOR(S), o	n the
First Witness (Opt	ional):			
	:			

(Date)

Aidaha Ambusla

Hideho MATSUDA

October 14, 2015

Second Witness (Optional):

(Name)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness (Optional):	
(Name)	
(Date)	
	Masahi Tahemoto. Masaki TAKEMOTO
	Sep. / 19th / 2015. Date
Second Witness (Optional):	
(Name)	
(Date)	

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the

respective date(s) indicated below.

First Witness (Optional):

(Name)

(Date)

(About Higher Katsumi HIGUCHI
October 14, 2015
Date

Second Witness (Optional):

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(Date)