505304664 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5351444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHINYA YAMADA	12/03/2018
TADAHIDE HATAKEYAMA	12/03/2018
HIDEKI NARA	12/03/2018
TAKAHIRO ISHIKAWA	12/06/2018

RECEIVING PARTY DATA

Name:	TAKASAGO INTERNATIONAL CORPORATION
Street Address:	37-1, KAMATA 5-CHOME
City:	OTA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	144-8721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16322004

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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: 202-293-7060

Email: sughrue@sughrue.com, otimoshenko@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q244823		
NAME OF SUBMITTER:	/OXANA TIMOSHENKO/		
SIGNATURE:	/OXANA TIMOSHENKO/ (TEAMS DPT)		
DATE SIGNED:	01/30/2019		
	This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

505304664

PATENT REEL: 048193 FRAME: 0494 $source = Q244823 Combined Decand Assignment Executed \#page 1.tif\\ source = Q244823 Combined Decand Assignment Executed \#page 2.tif\\$

PATENT REEL: 048193 FRAME: 0495

Docket No.: Only After Sept 16, 2012 Claiming Foreign Priority

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, TAKASAGO INTERNATIONAL CORPORATION of 37-1, Kamata 5-chome, Ota-ku, Tokyo 144-8721 Japan

desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for record	ing bu	t is prima facie evidence of execution under 35 USC 261)
As the below named inventor, I here	by dec	lare that:
This assignment with declaration is lirected to:		The attached application, or
	***	United States Application or PCT International Application Number <u>PCT/JP2017/027948</u> filed on <u>August 1, 2017 (Confirmation No.</u>).

The application is entitled:

METHOD FOR RELEASING UNSATURATED ALDEHYDE OR KETONE

The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 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 above-identified application is filed access to the above-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, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 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 above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

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

PATENT REEL: 048193 FRAME: 0496

NAME OF SOLE OR FIRST INVENTOR:					
Given Name (first and middle [if any])	Shinya	Family Name or	YAMADA Surname		
Inventor's signature Shunya	Yamada		Date December 3, 2018		
Kanagawa, Japar Residence:	3				
c/o TAKASAGO Mailing Address: Kanagawa 254-00	INTERNATIONAL CORPO 73 Japan	RATION, 4-11, N	lishiyawata 1-chome, Hiratsuka-shi,		
NAME OF SECOND INVENTOR:			***************************************		
Given Name (first and middle [if any])	Tadahide	Family Name or	Surname HATAKEYAMA		
Inventor's signature Tada hide	Hatakoyama		Date December 3, 2018		
Kanagawa, Japan Residence:	l				
c/o TAKASAGO I Mailing Address: Kanagawa 254-00		RATION, 4-11, N	lishiyawata 1-chome, Hiratsuka-shi,		
NAME OF THIRD INVENTOR:	M0200000000000000000000000000000000000				
Given Name (first and middle [if any])	Hideki	Family Name or	NARA Sumame		
Inventor's signature / declet	hi Now		Date December 3. 2018		
Residence: Kanagawa, Japan					
c/o TAKASAGO Mailing Address: Kanagawa 254-007	INTERNATIONAL CORF 73 Japan	PORATION, 4-1	1, Nishiyawata 1-chome, Hiratsuka-shi,		
NAME OF FOURTH INVENTOR:					
Given Name Takahiro ISHIKAWA (first and middle [if any])					
Inventor's signature			Darenper. 6. 2018		
Kanagawa, Japan Residence:					
Mailing c/o TAKASAGO INTERNATIONAL CORPORATION, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 Japan					
NAME OF FIFTH INVENTOR:					
Given Name (first and middle [if any]) Family Name or Surname					
		THE PARTY OF THE P			
Inventor's signature			Date		
ALL WARLES & U.S. STARLEY			<u>Date</u>		
Residence:					
Mailing Address:					