505856295 01/09/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROTAKA NAGATA	12/16/2019
NOBUTO MINOWA	12/16/2019
NOZOMU NAKANISHI	12/18/2019
KATSUYA SHIMURA	12/25/2019
TADAHIRO FUJITANI	12/25/2019

RECEIVING PARTY DATA

Name:	MEIJI SEIKA PHARMA CO., LTD.
Street Address:	4-16, KYOBASHI 2-CHOME
City:	CHUO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	104-8002
Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
Street Address:	3-1, KASUMIGASEKI 1-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8921

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16629742

CORRESPONDENCE DATA

Fax Number: (203)784-3199

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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Correspondent Name: CARMODY TORRANCE SANDAK & HENNESSEY LLP

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ATTORNEY DOCKET NUMBER: 27231-117A

PATENT REEL: 051469 FRAME: 0684

505856295

NAME OF SUBMITTER:	JENNIFER A. CALCAGNI
SIGNATURE:	/Jennifer A. Calcagni/
DATE SIGNED:	01/09/2020
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, I/we,

Hirotaka NAGATA	, residing at _	Kanagawa, Japan	
Nobuto MINOWA	, residing at _	Kanagawa, Japan	
Nozomu NAKANISHI	, residing at _	Kanagawa, Japan	
Katsuya SHIMURA		Ibaraki, Japan	
Tađahiro FUJITANI		Ibaraki, Japan	

having made an invention entitled <u>METHOD FOR PRODUCING HERBICIDE</u>

INTERMEDIATE, Attorney Docket No. , an application for which a
patent of The United States of America is being executed concurrently herewith; or

I/we hereby authorize and request our attorney, Jennifer A. Calcagni of Carmody Torrance Sandak & Hennessey LLP, 195 Church Street, P.O. Box 1950, New Haven, CT 06509-1950 to insert the filing date and application number of said application when known in the spaces provided below:

Filing Date: January 9, 2020

U.S. Serial Application No.: 16/629,742

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto Meiji Seika Pharma Co., Ltd., having an office and place of business at 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8002 Japan, and NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, having an office and place of business at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any divisional, continuation or continuation-in-part, of said application, and in and to any and all patents and reissues and extensions thereof, of The United States of America, which have been or may be granted on any of the foregoing to be held and enjoyed as fully and

ASSIGNMENT Attorney Docket No. Page 2 of 4

exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors and administrators to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by the said Meiji Seika Pharma Co., Ltd. and NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, its successors, assigns, and nominees, fully to secure their interest as aforesaid and to obtain or maintain patents in any and all countries;

And I/we do hereby authorize and request the Commissioner of Patents to issue any and all patents which may be granted upon any of the said applications, to the said Meiji Seika Pharma Co., Ltd. and NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY as the assignee of the entire interest therein.

IN TESTIMONY WHEREOF, I/we have hereunto signed my/our name(s) on the date indicated hereinafter.

Dec. 16.2019

SIGNED IN THE PRESENCE OF WITNESSES:

(1) Makoto Kume Print Name:

(2) Nobuaki kushidu Print Name:

Date: Dec, 25, 2019

Date: Dec, 25, 2019

nobruto minowa	Dec. 16, 2019
NAME: Nobuto MINOWA	Date:
SIGNED IN THE PRESENCE OF WITN	ESSES:
(1) Makoto Kume Print Name:	(2) Nobraki Kushida Print Name:
Date: Pec, 25, 20/9	Date: <u>Dec 25.2019</u>
•	
Nozomu Nakanishi	Dec 18, 2019
NAME: Nozomu NAKANISHI	Date:
SIGNED IN THE PRESENCE OF WITN	ESSES:
(1) Makoto Kyme Print Name:	(2) <u>Nobuaki Kushida</u> Print Name:
Date: <u>Dec</u> , 25, 2019	Date:

Katsuya Shimura, NAME: Katsuya SHIMURA	25. December 2019
NAME: Katsuya SHIMURA	Date:
SIGNED IN THE PRESENCE OF WITNESSES (1) Jaao Nakamura Print Name: Date: 25 Technor 20(9)	S: (2) Tomohisa Miya Zawa Print Name: Date: 25. December 2019
Zadhi Zintano NAME: Tadahiro FUJITANI	25. December 2019 Date:
SIGNED IN THE PRESENCE OF WITNESSES (1) Opar Ma Com 103 Print Name:	S: (2) Tomohisa Miyazawa Print Name:
Date: 25 December, 2019	Date: 25. Pecember, 2019

PATENT REEL: 051469 FRAME: 0689

RECORDED: 01/09/2020