### 505688831 09/24/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5735641

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AKIRA KUGIMIYA	09/06/2019
MITSUAKI SEKIGUCHI	09/05/2019
NORIKAZU KURODA	09/04/2019
JUN NAKAMURA	09/09/2019
TETSUYA TANINO	09/05/2019
YASUNORI MITSUOKA	09/05/2019
TAKESHI KASUYA	09/04/2019
YASUHARU KATO	09/04/2019

### **RECEIVING PARTY DATA**

Name:	SHIONOGI & CO., LTD.
Street Address:	1-8, DOSHOMACHI 3-CHOME, CHUO-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	541-0045

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

Property Type	Number
Application Number:	16497323

#### **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: cmoran@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 525177US

NAME OF SUBMITTER: CASEY MORAN

SIGNATURE: /Casey Moran/

DATE SIGNED:	09/24/2019
Total Attachments: 8	
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## 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 COMPLEX OF NUCLEIC ACID MEDICINE AND MULTIBRANCHED LIPID Invention
As the below named inventor, I hereby declare that:
This declaration  The attached application, or
is directed to:   United States application or PCT international application number PCT/JP2018/012649  filed on March 28, 2018
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, SHIONOGI & CO., LTD.  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-8. Doshomachi 3-chome. Chuo-ku, Osaka-shi, Osaka 541-0045 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, THEREFORE, 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 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.
LEGAL NAME OF INVENTOR
Inventor: Akira KUGIMIYA Date: Sap tember 6 2019
Signature: Alaba Callina

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR
Inventor: Mitsuaki SEKIGUCHI Date: 2019, 09, 05
Signature: M. Lolwin Av

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LEGAL NAME OF INVENTOR
Inventor: Norikazu KURODA Date: 444 Sep. 2019. Signature: Norikazu Kuroda

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR
Inventor: Jun NAKAMURA Date: September 9, 2019
Signature: Jun NAKMURA

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
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LEGAL NAME OF INVENTOR
Inventor: Tetsuya TANINO Date: 2019, 59.05
Signature Totsuya Toniko

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

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LEGAL NAME OF INVENTOR
Inventor: Yasunori MITSUOKA Date: September 5, 2019
Simon Garden Mi Michille

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR
Inventor: Takeshi KASUYA Date: Softem for 4, 2019 Signature: M E & 9 Chooks Value
Signature # 15 8 9 To healer Valente

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LEGAL NAME OF INVENTOR	
Inventor: Yasuha	iru KATO Date: 2019, 9, 4 Suham Kato

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> PATENT REEL: 050478 FRAME: 0282

**RECORDED: 09/24/2019**