## 504403331 06/08/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4450028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ISAO SAKURADA	08/20/2015

#### **RECEIVING PARTY DATA**

Name:	MOCHIDA PHARMACEUITCAL CO., LTD.
Street Address:	7 YOTSUYA 1-CHROME
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	160-8515

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

Property Type	Number
Application Number:	15534029

#### **CORRESPONDENCE DATA**

**Fax Number:** (732)594-4720

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: us efs@merck.com

Correspondent Name: MERCK

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Address Line 4: RAHWAY, NEW JERSEY 07065-0907

ATTORNEY DOCKET NUMBER:	23896-US-PCT
NAME OF SUBMITTER:	MICHELLE A. SISKO
SIGNATURE:	/Michelle A. Sisko/
DATE SIGNED:	06/08/2017

#### **Total Attachments: 4**

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PATENT 504403331 REEL: 042644 FRAME: 0397

#### Attorney Docket No.: 23896

#### WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (1) Isao Sakurada,

located at Shizuoka Prefecture, Japan, 160-8515,

(hereinafter ASSIGNOR(S)), together with Ting Zhang, located at Princeton Junction, New Jersey, Yi-Heng Chen, located at Whippany, New Jersey, Liangqin Guo, located at Edison, New Jersey, Alan Hruza, located at Hackettstown, New Jersey, Tianying Jian, located at Westfield, New Jersey, Bing Li, located at Towaco, New Jersey, Dongfang Meng, located at Morganville, New Jersey, Dann L. Parker, Jr., located at Cranford, New Jersey, Edward C. Sherer, located at Manville, New Jersey, and Harold B. Wood, located at Westfield, New Jersey, are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

Factor IXa Inhibitors

and in the following application(s)	and	in	the	following	application	(s)	):
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U.S. Provisional Application No. 62/089,9	79 filed on 12-10-2014;	
U.S. Application No.	having a filing date of	; and
PCT International Application No.	having a filing date of	

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, MOCHIDA PHARMACEUTICAL CO., LTD., a corporation organized under the laws of Japan, having an office at 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515, Japan, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

# Attorney Docket No.: 23896

Executed this $20$ day of $477$	, 20 <u>15</u> .		
Joan Johan du Isao Sakurada		Liven Leau Jeffanic British	
Isao Sakurada	**************************************	(NOTARY OFFICE))/	
ACKNOWLEDGEMENT		CHO KE DICEOTRASA SOL IN MERCHANIK EVENEG COO	
of	)		
County of	) s.s.: )		
On this day of and known by me to be the same persor that he (she) executed the same, of his	n described in and	personally appeared before me <b>Isao Sakurada</b> to me I who executed the foregoing instrument, and acknowled for the purpose set forth.	known dged
(Seal)			
		Notary Public	

Registration No. 836 of 2015

# NOTARIAL CERTIFICATE

This is to certify that Katsuhisa MEREN an attorney-in-fact of Isao Sakurada

declared in my very presence that said Isao Sakurada had signed to the attached document and so the signature was true and genuine.

Dated this 21st day of August, 20,15.

Secoloù bron beza NOTARY OFFICE NOTARY OFFICE NOTARY OFFICE NOTARY OFFI ORD-O TOTTO OFFI Hiromi Nagai

Notary, attached to
The Tokyo Legal Affairs Bureau.
No. 1-10, Nihombashi, Kabuto-cho,
Chuo-ku, Tokyo, Japan.

PATENT REEL: 042644 FRAME: 0400

証

嘱託人 櫻田 勳は、別添文書における署名が自己のものに相違ない旨、 代理人目連勝久 を通じ、本公証人に対し自認した。

よって、これを認証する。

平成27年 8月 21日、本公証人役場において

東京都中央区日本橋兜町1番10号

東京法務局所属

公 証 人 Notary Hiromi Nagai

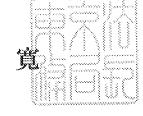
証

上記署名は、東京法務局所属公証人の署名に相違ないものであり、かつ、その押印は、 真実のものであることを証明する。

平成27年 8 月 21 日

東京法務局長

加藤朋



#### **APOSTILLE**

(Convention de La Haye du 5 octobre 1961)

- 1. Country: JAPAN
  - This public document
- 2. has been signed by Hiromi Nagai
- 3. acting in the capacity of Notary of the Tokyo Legal Affairs Bureau
- 4. bears the seal/stamp of Hiromi Nagai, Notary
  - Certified
- 5. at Tokyo

- 6. August 21, 2015
- 7. by the Ministry of Foreign Affairs
- 8. 15-Nº 025608
- 9. Seal/stamp:

10. Signature



A. Ogama

Ayako OGAWA

For the Minister for Foreign Affairs

PATENT

REEL: 042644 FRAME: 0401

**RECORDED: 06/08/2017**