

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5438345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki TANAKA	03/07/2019
Tsuyoshi MURASE	03/07/2019
Hideki YOSHIKAWA	03/07/2019
Hiroki FUJISAWA	03/11/2019

RECEIVING PARTY DATA

Name:	OSAKA UNIVERSITY
Street Address:	1-1, YAMADAOKA
City:	SUITA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	5650871
Name:	NIPPON ZOKI PHARMACEUTICAL CO., LTD.
Street Address:	1-2, HIRANOMACHI 2-CHOME
Internal Address:	CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	5410046

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16336236

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400

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Correspondent Name: JAMES A. OLIFF

Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	185921
NAME OF SUBMITTER:	KIMBERLY SCOTT
SIGNATURE:	/Kimberly C. Scott/ for James A. Oliff
DATE SIGNED:	03/25/2019
Total Attachments: 4 source=6471838_1#page1.tif source=6471838_1#page2.tif source=6471838_1#page3.tif source=6471838_1#page4.tif	

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))

For Application with Filing Date on or after September 16, 2012

(Two Assignees)

(1-8) Insert Legal Name(s) of Inventor(s)	(1) <u>Hiroyuki TANAKA</u>	(2) <u>Tsuyoshi MURASE</u>
	(3) <u>Hideki YOSHIKAWA</u>	(4) <u>Hiroki FUJISAWA</u>
	(5) _____	(6) _____
	(7) _____	(8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee	(9A) <u>OSAKA UNIVERSITY</u>
(10A) Insert Address of First Assignee	(10A) <u>1-1, Yamadaoka, Suita-shi, Osaka 5650871, Japan</u>
(9B) Insert Name of Second Assignee	(9B) <u>NIPPON ZOKI PHARMACEUTICAL CO., LTD.</u>
(10B) Insert Address of Second Assignee	(10B) <u>1-2, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410046, Japan</u>

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>A SCHWANN CELL DIFFERENTIATION PROMOTING AGENT AND A PERIPHERAL NERVE REGENERATION PROMOTING AGENT</u>
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(Attorney Docket No. 185921), filed on even date herewith or as

(12) Alternative Identification for filed applications	(12) U.S. Application Number <u>16/336,236</u>
	filed <u>March 25, 2019</u>

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patents for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and 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 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Mar/07/2019 Inventor Signature H. Tanaka (SEAL)
Hiroyuki TANAKA

Date Mar/07/2019 Inventor Signature T. Murase (SEAL)
Tsuyoshi MURASE

Date Mar/07/2019 Inventor Signature Hideki Yoshikawa (SEAL)
Hideki YOSHIKAWA

Date _____ Inventor Signature _____ (SEAL)
Hiroki FUJISAWA

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date Mar 07, 2019 Witness Shuntaro Ushiro

Date Mar 07, 2019 Witness Yoshihiro Fujimoto

**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))
For Application with Filing Date on or after September 16, 2012**

(Two Assignees)

(1-8)	Insert Legal Name(s) of Inventor(s)	(1) <u>Hiroyuki TANAKA</u> (3) <u>Hideki YOSHIKAWA</u> (5) _____ (7) _____	(2) <u>Tsuyoshi MURASE</u> (4) <u>Hiroki FUJISAWA</u> (6) _____ (8) _____
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(10A)	Insert Address of First Assignee	(10A) <u>1-1, Yamadaoka, Suita-shi, Osaka 5650871, Japan</u>
(9B)	Insert Name of Second Assignee	(9B) <u>NIPPON ZOKI PHARMACEUTICAL CO., LTD.</u>
(10B)	Insert Address of Second Assignee	(10B) <u>1-2, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410046, Japan</u>

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4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and 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 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____ Inventor Signature Hireyuki TANAKA (SEAL)

Date _____ Inventor Signature Tsuyoshi MURASE (SEAL)

Date _____ Inventor Signature Hideki YOSHIKAWA (SEAL)

Date March 11, 2019 Inventor Signature Hiroki Fujisawa (SEAL)
Hiroki FUJISAWA

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date March 11, 2019 Witness Shinro Nobemoto

Date March 11, 2019 Witness Shinro Saeki