

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4456096

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KIYOSHI OKAJIMA	03/15/2017
YUKI IMANISHI	03/14/2017
NAOKI ASAKAWA	05/15/2017
NOBUO TANAKA	06/03/2017
YUSUKE CHUMA	05/15/2017
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, DOSHOMACHI 4-CHOME
Internal Address:	CHUO-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	541-0045
Name:	YOSHINO KOGYOSHO CO., LTD.
Street Address:	2-6, OJIMA 3-CHOME
Internal Address:	KOTO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	136-0072
Name:	ARTE CORPORATION
Street Address:	2-8-12, IWAMOTO-CHO
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	101-0032
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15535186
CORRESPONDENCE DATA	

Fax Number: (216)566-9711

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: 2165669700

Email: almasy@rankinhill.com

Correspondent Name: RANKIN HILL AND CLARK LLP

Address Line 1: 38210 GLENN AVENUE

Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER:	OSA-42146
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NAME OF SUBMITTER:	DAVID E. SPAW
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SIGNATURE:	/David E. Spaw/
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DATE SIGNED:	06/12/2017
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Total Attachments: 12

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

Title: INJECTION-NEEDLE COVER

that are the subject of an application for a U.S. Patent, (Application No. 15/535186, filed 06/12/2017), which application is further identified as Rankin, Hill & Clark LLP Docket No. OSA-42146.

WHEREAS, (1) TAKEDA PHARMACEUTICAL COMPANY LIMITED, a corporation of Japan, and having a place of business at 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0045, Japan; (2) YOSHINO KOGYOSHO CO., LTD. a corporation of Japan, and having a place of business at 2-6, Ojima 3-chome, Koto-ku, Tokyo, 136-0072, Japan; and (3) ARTE CORPORATION, a corporation of Japan, and having a place of business at 2-8-12, Iwamoto-cho, Chiyoda-ku, Tokyo, 101-0032, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any further identification which 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (joint): Kiyoshi Okajima
Signature: Kiyoshi Okajima
Today's Date: Mar. 15, 2017

Witness: Seiji Shimazaki
Name: SEIJI SHIMAZAKI

Witness: Takanobu Sakamoto
Name: TAKANOBU SAKAMOTO

(2) Inventor Name (joint): Yuki Imanishi
Signature: _____
Today's Date: _____

Witness: _____
Name: _____

Witness: _____
Name: _____

(3) Inventor Name (joint): Naoki Asakawa
Signature: _____
Today's Date: _____

Witness: _____
Name: _____

Witness: _____
Name: _____

(4) Inventor Name (joint): Nobuo Tanaka

Signature: _____

Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

(5) Inventor Name (joint): Yusuke Chuma

Signature: _____

Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

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(1) Inventor Name (joint): Kiyoshi Okajima
Signature: _____
Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

(2) Inventor Name (joint): Yuki Imanishi
Signature: Yuki Imanishi
Today's Date: March 14, 2017

Witness: Haruo Kishigami

Name: Haruo Kishigami

Witness: Kazumi Azuma

Name: Kazumi Azuma

(3) Inventor Name (joint): Naoki Asakawa
Signature: _____
Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

(4) Inventor Name (joint): Nobuo Tanaka

Signature: _____

Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

(5) Inventor Name (joint): Yusuke Chuma

Signature: _____

Today's Date: _____

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(2) Inventor Name (joint): Yuki Imanishi
Signature: _____
Today's Date: _____

Witness: _____
Name: _____

Witness: _____
Name: _____

(3) Inventor Name (joint): Naoki Asakawa
Signature: 浅川 直樹
Today's Date: May 15, 2017

Witness: 大谷 誠司
Name: Seiji Ohtani

Witness: 藤本 智康
Name: Tomomichi Futo

(4) Inventor Name (joint): Nobuo Tanaka

Signature: _____

Today's Date: _____

Witness: _____

Name:

Witness: _____

Name:

(5) Inventor Name (joint): Yusuke Chuma

Signature: 中島 祐典

Today's Date: May 15, 2017

Witness: 荒井 次一

Name: Jiichi Arai

Witness: 水 上 清 太 郎

Name: Seitaro Mizukami

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Signature: _____
Today's Date: _____

Witness: _____
Name: _____

Witness: _____
Name: _____

(4) Inventor Name (joint): Nobuo Tanaka
Signature: Nobuo Tanaka
Today's Date: June 3, 2017

Witness: Chiaki Murakami
Name: Chiaki Murakami

Witness: Kumiko Tanaka
Name: Kumiko Tanaka

(5) Inventor Name (joint): Yusuke Chuma
Signature: _____
Today's Date: _____

Witness: _____
Name: _____

Witness: _____
Name: _____