

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4024580

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ATSUSHI SEKINE	08/15/2016
ATARU IDE	08/19/2016
TADASHI KOMURO	08/16/2016
TERUYUKI IWAMA	08/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEIKAGAKU KOGYO KABUSHIKI KAISHA
<b>Street Address:</b>	6-1, MARUNOUCHI 1-CHOME, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-0005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29574234
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	imaizumi@imaizumi-ip.com, patentblog@yahoo.co.jp, info@imaizumi.us
<b>Correspondent Name:</b>	IMAIZUMI IP LAW, PLLC
<b>Address Line 1:</b>	4601 NORTH FAIRFAX DRIVE
<b>Address Line 2:</b>	SUITE 1200
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22203
<b>ATTORNEY DOCKET NUMBER:</b>	SHW-0001SKG/DN
<b>NAME OF SUBMITTER:</b>	TOSHIKATSU IMAIZUMI
<b>SIGNATURE:</b>	/Toshikatsu Imaizumi/
<b>DATE SIGNED:</b>	08/25/2016
<b>Total Attachments: 4</b>	
source=SHW-0001SKG-DN_EA_Skg#page1.tif	
source=SHW-0001SKG-DN_EA_Skg#page2.tif	

source=SHW-0001SKG-DN\_EA\_Msw#page1.tif

source=SHW-0001SKG-DN\_EA\_Msw#page2.tif

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Atsushi SEKINE and Ataru IDE hereby sell, assign, and transfer to Seikagaku Kogyo Kabushiki Kaisha, a corporation of Japan, having a principal place of business at 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 Japan ("Assignee(s)"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

## NEEDLE HUB FOR SYRINGE

- which has been executed by the undersigned concurrently herewith,  
 which was filed on August 12, 2016 and assigned Serial No. 29/574,234

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee(s) may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee(s), its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee(s), its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignees, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee(s), its successors, assigns, and legal representatives; and

covenant with said Assignee(s), its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby grant(s) registered practitioners of the firm of Imaizumi IP Law, PLLC, 4601 North Fairfax Drive, Suite 1200, Arlington, Virginia, 22203, the power to insert on this assignment any further identification, including the application number and filing date, 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.

**Each Inventor: Please Sign and Date Below:**

August 15, 2016  
Date

Atsushi Sekine  
Name: Atsushi SEKINE

August 19, 2016  
Date

Ataru Ide  
Name: Ataru IDE

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Tadashi KOMURO and Teruyuki IWAMA hereby sell, assign, and transfer to Seikagaku Kogyo Kabushiki Kaisha, a corporation of Japan, having a principal place of business at 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-0005 Japan ("Assignee(s)"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

## NEEDLE HUB FOR SYRINGE

- which has been executed by the undersigned concurrently herewith,  
 which was filed on August 12, 2016 and assigned Serial No. 29/574,234

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee(s) may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee(s), its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee(s), its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignees, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee(s), its successors, assigns, and legal representatives; and

covenant with said Assignee(s), its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby grant(s) registered practitioners of the firm of Imaizumi IP Law, PLLC, 4601 North Fairfax Drive, Suite 1200, Arlington, Virginia, 22203, the power to insert on this assignment any further identification, including the application number and filing date, 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.

**Each Inventor: Please Sign and Date Below:**

August 16, 2016  
Date

Tadashi Komuro  
Name: Tadashi KOMURO

August 16, 2016  
Date

Teruyuki Iwama  
Name: Teruyuki IWAMA