# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5474456

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
TADASHI OKIYAMA	04/05/2019
HIROFUMI NAKAGAWA	04/04/2019
MASASHI KANAI	04/05/2019
YOKO HAMABE	04/08/2019

### **RECEIVING PARTY DATA**

Name:	JMS CO., LTD.	
Street Address:	12-17, KAKO-MACHI, NAKA-KU	
City:	HIROSHIMA-SHI, HIROSHIMA	
State/Country:	JAPAN	
Postal Code:	730-8652	
Name:	KYOTO UNIVERSITY	
Street Address:	36-1, YOSHIDA-HONMACHI, SAKYO-KU	
City:	KYOTO-SHI, KYOTO	
State/Country:	JAPAN	
Postal Code:	606-8501	

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

Property Type	Number
Application Number:	16342023

## **CORRESPONDENCE DATA**

**Fax Number:** (612)455-3801

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: 612-455-3800 Email: hmccarty@hsml.com

Correspondent Name: HAMRE, SCHUMANN, MUELLER & LARSON, P.C.

Address Line 1: 45 SOUTH SEVENTH STREET

Address Line 2: SUITE 2700

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-1683

ATTORNEY DOCKET NUMBER: | 10873.2705USWO

PATENT REEL: 048885 FRAME: 0380

NAME OF SUBMITTER:	DOUGLAS P. MUELLER
SIGNATURE:	/dpmueller/
DATE SIGNED:	04/15/2019
Total Attachments: 4	
source=assignment_2705#page1.tif	
source=assignment_2705#page2.tif	
source=assignment_2705#page3.tif	
source=assignment_2705#page4.tif	

PATENT REEL: 048885 FRAME: 0381 Docket No.

#### ASSIGNMENT OF PATENT APPLICATION

### WHEREAS,

- 1. <u>Tadashi OKIYAMA</u> residing at <u>c/o JMS CO., LTD., 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN</u> and a citizen of <u>Japan</u>
- 2. <u>Hirofumi NAKAGAWA</u> residing at <u>c/o JMS CO., LTD., 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN</u> and a citizen of <u>Japan</u>
- 3. <u>Masashi KANAI</u> residing at <u>c/o Kyoto University</u>, 36-1, <u>Yoshida-honmachi</u>, <u>Sakyo-ku</u>, <u>Kyoto-shi</u>, <u>Kyoto 606-8501</u>, <u>JAPAN</u> and a citizen of <u>Japan</u>
- 4. Yoko HAMABE residing at <u>c/o Kyoto University</u>, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, JAPAN and a citizen of <u>Japan</u>

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled <a href="INFUSION APPARATUS">INFUSION APPARATUS</a>, and which has been given application serial number :

and

WHEREAS,

JMS CO., LTD. (hereinafter "ASSIGNEE") a corporation organized under the laws of <u>Japan</u> and having an office and place of business at <u>12-17</u>, <u>Kako-machi</u>, <u>Naka-ku</u>, <u>Hiroshima-shi</u>, <u>Hiroshima 730-8652</u>, <u>JAPAN</u>; and

<u>Kyoto University</u> (hereinafter "ASSIGNEE") a corporation organized under the laws of <u>Japan</u> and having an office and place of business at <u>36-1</u>, <u>Yoshida-honmachi</u>, <u>Sakyo-ku</u>, <u>Kyoto-shi</u>, <u>Kyoto 606-8501</u>, <u>JAPAN</u>

wish to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEEs, their successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEEs of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

1

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEEs) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEEs, their successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEEs, their successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEEs, their successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Tadashi Okiyama Signature: Tadashi OKIYAMA	April 5. 2016  Date
Hirofumi NAKAGAWA	April 4, 2019 Date
Signature: Masashi KANAI	Date
Signature: Yoko HAMABE	Date

Docket No.

#### ASSIGNMENT OF PATENT APPLICATION

#### WHEREAS,

- 1. <u>Tadashi OKIYAMA</u> residing at <u>c/o JMS CO., LTD., 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN and a citizen of Japan</u>
- 2. <u>Hirofumi NAKAGAWA</u> residing at <u>c/o JMS CO., LTD., 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN</u> and a citizen of <u>Japan</u>
- 3. <u>Masashi KANAI</u> residing at <u>c/o Kyoto University</u>, <u>36-1</u>, <u>Yoshida-honmachi</u>, <u>Sakyo-ku</u>, <u>Kyoto-shi</u>, <u>Kyoto 606-8501</u>, <u>JAPAN</u> and a citizen of <u>Japan</u>
- 4. Yoko HAMABE residing at c/o Kyoto University, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, JAPAN and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on , entitled <a href="INFUSION APPARATUS">INFUSION APPARATUS</a>, and which has been given application serial number ;

and

WHEREAS,

JMS CO., LTD. (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652, JAPAN; and

<u>Kyoto University</u> (hereinafter "ASSIGNEE") a corporation organized under the laws of <u>Japan</u> and having an office and place of business at <u>36-1</u>, <u>Yoshida-honmachi</u>, <u>Sakyo-ku</u>, <u>Kyoto-shi</u>, <u>Kyoto 606-8501</u>, <u>JAPAN</u>

wish to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEEs, their successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEEs of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEEs) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEEs, their successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEEs, their successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEEs, their successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Signature: Tadashi OKIYAMA	Date	
Signature: Hirofumi NAKAGAWA	Date	
Masashi (Canai	Apr. 5. 2019	
Signature: Masashi KANAI	Date	
Yoko Hamabe	Apr. 8. 201	
Signature: Yoko HAMABE	Date	

RECORDED: 04/15/2019