

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOJI KOYAMA	01/22/2021
YUKI MIYOSHI	01/19/2021
HIDETO MATSUYAMA	01/18/2021
ASUKA INADA	01/25/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NIPPON SHOKUBAI CO., LTD.
<b>Street Address:</b>	1-1, KORAIBASHI 4-CHOME, CHUO-KU, OSAKA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	541-0043
<b>Name:</b>	NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY
<b>Street Address:</b>	1-1, ROKKODAI-CHO, NADA-KU, KOBE-SHI
<b>City:</b>	HYOGO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	657-8501
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17269459
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)739-3001
<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>Phone:</b>	2027393000
<b>Email:</b>	patents@morganlewis.com, anne.sayles@morganlewis.com
<b>Correspondent Name:</b>	ROBERT J. SMYTH
<b>Address Line 1:</b>	1111 PENNSYLVANIA AVE NW
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<b>ATTORNEY DOCKET NUMBER:</b>	046124-5526
<b>NAME OF SUBMITTER:</b>	ROBERT SMYTH

<b>SIGNATURE:</b>	/robert smyth/
<b>DATE SIGNED:</b>	02/19/2021
<b>Total Attachments: 4</b> source=046124-5526-Assignment#page1.tif source=046124-5526-Assignment#page2.tif source=046124-5526-Assignment#page3.tif source=046124-5526-Assignment#page4.tif	

**ASSIGNMENT**Whereas, I/we,  
NameAddress1) **Koji KOYAMA**c/o NIPPON SHOKUBAI CO., LTD.,  
10-12, Ukishima-cho,  
Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0862 Japan2) **Yuki MIYOSHI**c/o NIPPON SHOKUBAI CO., LTD.,  
5-8, Nishiorabi-cho,  
Suita-shi, Osaka 564-0034 Japan3) **Hideto MATSUYAMA**c/o National University Corporation Kobe University,  
1-1, Rokkodai-cho, Nada-ku,  
Kobe-shi, Hyogo 657-8501 Japan4) **Asuka INADA**c/o National University Corporation Kobe University,  
1-1, Rokkodai-cho, Nada-ku,  
Kobe-shi, Hyogo 657-8501 Japanhereinafter called assignor(s), have invented certain improvements in  
**DRAW SOLUTE AND WATER TREATMENT EQUIPMENT**and executed an application for Letters Patent of the United States of America therefor on even date herewith unless  
otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_; and

Whereas

NIPPON SHOKUBAI CO., LTD.

1-1, Koraibashi 4-chome,  
Chuo-ku, Osaka-shi, Osaka 541-0043 Japan

and, NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY

1-1, Rokkodai-cho, Nada-ku,  
Kobe-shi, Hyogo 657-8501 Japan(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States  
patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

INVENTORSDATE SIGNED

1) :

Name :

Koji Koyama  
Koji KOYAMA

Jan 22, 2021

2) :

Name :

Yuki Miyoshi  
Yuki MIYOSHI

Jan 19, 2021

3) : \_\_\_\_\_  
Name :                      Hideto MATSUYAMA                      \_\_\_\_\_

4) : \_\_\_\_\_  
Name :                      Asuka INADA                      \_\_\_\_\_

US Rights Only

# ASSIGNMENT

Whereas, I/we,  
Name

Address

1) Koji KOYAMA

c/o NIPPON SHOKUBAI CO., LTD.,  
10-12, Ukishima-cho,  
Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0862 Japan

2) Yuki MIYOSHI

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4) Asuka INADA

c/o National University Corporation Kobe University,  
1-1, Rokkodai-cho, Nada-ku,  
Kobe-shi, Hyogo 657-8501 Japan

hereinafter called assignor(s), have invented certain improvements in  
**DRAW SOLUTE AND WATER TREATMENT EQUIPMENT**

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otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_; and

Whereas

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1-1, Korabashi 4-chome,  
Chuo-ku, Osaka-shi, Osaka 541-0043 Japan

and, NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY

1-1, Rokkodai-cho, Nada-ku,  
Kobe-shi, Hyogo 657-8501 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States  
patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is  
hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign,  
transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to  
this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States  
which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of  
Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and  
assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with  
assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal  
proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or  
desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional,  
continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its  
successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being  
understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and  
assigns.

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INVENTORS

DATE SIGNED

1):

Name :

Koji KOYAMA

2):

Name :

Yuki MIYOSHI

3) : Hideto Matsuyama January 18, 2021  
Name : Hideto MATSUYAMA

4) : Asuka Inada January 25, 2021  
Name : Asuka INADA