504784381 02/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4831112

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HIDEHIKO YUSE	02/02/2018
KAZUYUKI KUROSAWA	02/02/2018
YUKIO TAKADA	02/02/2018
SHINJI ISHIKURA	02/02/2018
NORIO INUKAI	02/02/2018
KATSUMI SEMBON	02/02/2018

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.
Street Address:	1-1, WADASAKI-CHO, 1-CHOME, HYOGO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	6528585
Name:	TOYO SEIKAN CO., LTD.
Name: Street Address:	TOYO SEIKAN CO., LTD. 18-1, HIGASHI-GOTANDA 2-CHOME, SHINAGAWA-KU,
	,
Street Address:	18-1, HIGASHI-GOTANDA 2-CHOME, SHINAGAWA-KU,

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15746988	

CORRESPONDENCE DATA

Fax Number: (703)519-7769

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: 703-519-9785

Email: office@uspatentagents.com

Correspondent Name: KANESAKA BERNER AND PARTNERS LLP

Address Line 1: 2318 MILL ROAD SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314-2848

REEL: 045381 FRAME: 0479

PATENT

ATTORNEY DOCKET NUMBER:	OBA-023		
NAME OF SUBMITTER:	MANABU KANESAKA		
SIGNATURE:	/Manabu Kanesaka/		
DATE SIGNED:	02/20/2018		
Total Attachments: 3			

source=OBA-023-Assignment#page1.tif source=OBA-023-Assignment#page2.tif source=OBA-023-Assignment#page3.tif

> PATENT REEL: 045381 FRAME: 0480

ASSIGNMENT 酸液証

Japanese Language Assignment 日本語箋渡証

茲に受領を確認する、支払済の財産、他の物品及	In consideration
び有価約因により、下記に署名する、新規の有益な	valuable conside
発明をした私/我々、	sufficiency of
(発明者)	undersigned,
	1) Hidohiba VI

は、(護受人住所)

に所在する(<u>譲受人)</u>、その継承者及び譲受人(以下、「譲受人」と指定する)に、

- (a) (出願日) に米国特許出願番号 (出願番号) として 出願され、又は
- (b) (署名日) に署名された米国 特許出願に記載された、

(発明の名称: title)

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Hidehiko YUSE; 2) Kazuvuki KUROSAWA; 3) Yukio TAKADA; 4) Shinji ISHIKURA; 5) Norio INUKAI; and 6) Katsumi SEMBON

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

a) MITSUBISHI HEAVY INDUSTRIES MACHINERY SYSTEMS, LTD.; and b) TOYO SEIKAN CO., LTD. having a place of business at a) 1-1, Wadasaki-cho, 1-chome, Hyogo-ku, Kobe-shi, hyogo 6528585, Japan; and b) 18-1, Higashi-Gotanda 2-chome, Shinagawa-ku, Tokyo 1418640, Japan

successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FILLING-AND-SEALING DEVICE AND FILLING-AND-SEALING METHOD

に関する発明において、米国特許法第 100 条が定め (a) る、アメリカ合衆国におけるすべての権利、権原、利権を、ここに売渡、譲渡、移転し、

- (a) for which an application for United States
 Letters Patent was filed on ______, and
 identified by United States Patent Application
 No. ______; or
- (b) for which an application for United States Letters Patent was executed on _______

下記に署名するものはここに、米国特許商標局長官に対して、前記「議受人」、及び「議受人」の利害関係者としての継承者、議受人、及び法律上の代表者に、この発明に関する全ての米国特許証、全ての延長、分割出願、再発行特許出顧、継続出顧、または一部継続出願を、あるいは国際工業所有権保護同盟条約の下の全ての恩典を受ける権限を与えるように認め且つ請求するものであり、

下記に署名する者は、前記出願に記載された弁護士が今後、前記「譲受人」の代理人となることに同意

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf

Page 1 of 2

ر دا

下記に署名するものはここに、前記「譲受人」、その継承者、譲受人、及び法律上の代表者の要請に応じて、米国での特許出願、分割出願、再発行特許証、又は延長特許証を取得するため、及び追加報酬なしに、前記発明から生じる。又は関連する改良。及びそれに基づく特許出願のために利権を移転し、且つ必要な援助の全てを提供;及び移転された発明に対して前記「譲受人」、その継承者、譲受人、及び法律上の代表者により、「譲受人」の完全な保護と権限に不可欠と見なされる、あらゆる書類に署名する事に同意するものである。

of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature: 併記された日付にて署名

n Midelike This	February 2. 2018			
Name (署名): Hidehiko/VUSE	Date (日付):			
2) Kamujuki Kurosawa	February 2, 2018			
Name (著名): Kazuyuki KUROSAWA	Date (日付):			
3)				
3) Name (署名): Yukio TAKADA	Date (日付):			
4)				
Name (署名): Shinji ISHIKURA	Date (日付):			
3) Name (署名): Norio INUKAI	Date (日付):			
6) <u>Katsami Semboj)</u>	February 2, 2018			
Name (署名): Katsumi SEMBON	Date (日付):			

Page 2 of 2

下記に署名するものはここに、前記「譲受人」、その継承者、譲受人、及び法律上の代表者の要請に応じて、米国での特許出願、分割出願、再発行特許証、又は延長特許証を取得するため、及び追加報酬なしに、前記発明から生じる、又は関連する改良、及びそれに基づく特許出願のために利権を移転し、且つ必要な援助の全てを提供;及び移転された発明に対して前記「譲受人」、その継承者、譲受人、及び法律上の代表者により、「譲受人」の完全な保護と権限に不可欠と見なされる、あらゆる書類に署名する事に同意するものである。

of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature: 併記された日付にて署名

1)	
Name (署名): Hidehiko YUSE	Date (日付):
21	
2) Name (署名): Kazuyuki KUROSAWA	Date (目付):
3) Cakada Yukio	February 2, 2018
3) Caraca Julia	
Name (署名): Yukio*TAKADA	Date (日付);
4) - PRinji Ushikura	February 2, 2018 Date(日付):
Name (署名): Shinji ISHIKURA	Date (日付):
5) Norio Inakai	6.1
	February 2. 2018
Name (署名): Norio INUKAI	Date (日付):
ZV:	
6) Name (署名): Katsumi SEMBON	Date (日付):
and the second of the second o	The second of th

Page 2 of 2