505705358 10/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOHEI ISHIZUKA	09/06/2019
TAISUKE UEMATSU	09/11/2019
TAKASHI KONNO	09/10/2019
HIROYUKI ATAKE	09/12/2019
YOSHIYUKI MEIKI	09/20/2019
MINORU ARIYAMA	09/20/2019
MASATO IDEGAMI	09/20/2019

RECEIVING PARTY DATA

Name:	me: DAI NIPPON PRINTING CO., LTD.	
Street Address: 1-1-1, ICHIGAYA-KAGACHO, SHINJUKU-KU		
City:	TOKYO	
State/Country:	JAPAN	
Postal Code: 162-8001		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16500472	

CORRESPONDENCE DATA

Fax Number: (617)227-4420

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.

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Email: akiko.angelov@lockelord.com

Correspondent Name: LOCKE LORD LLP Address Line 1: P.O. BOX 55874

Address Line 4: BOSTON, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	0107563.100US9
NAME OF SUBMITTER:	JAMES E. ARMSTRONG IV
SIGNATURE: /James E. Armstrong IV/	
DATE SIGNED:	10/03/2019

PATENT REEL: 050614 FRAME: 0176

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 050614 FRAME: 0177

ASSIGNMENT & DECLARATION

ASSIGNMENT

THIS ASSIGNMENT, made by Kohei ISHIZUKA residing at c/o DNP

Engineering Co., Ltd., 1-1-3, Midorigahara, Tsukuba-shi, Ibaraki 300-2646 Japan, Taisuke

UEMATSU residing at c/o Dai Nippon Printing Co., Ltd., 1-1-1, Ichigaya-Kagacho, Shinjuku-ku, Tokyo 162-8001 Japan, Takashi KONNO c/o DNP Engineering Co., Ltd., 1-1-3,

Midorigahara, Tsukuba-shi, Ibaraki 300-2646 Japan, Hiroyuki ATAKE residing at c/o Dai

Nippon Printing Co., Ltd., 1-1-1, Ichigaya-Kagacho, Shinjuku-ku, Tokyo 162-8001 Japan,

Yoshiyuki MEIKI residing at c/o Dai Nippon Printing Co., Ltd., 1-1-1, Ichigaya-Kagacho,

Shinjuku-ku, Tokyo 162-8001 Japan, Minoru ARIYAMA residing at c/o Dai Nippon Printing

Co., Ltd., 1-1-1, Ichigaya-Kagacho, Shinjuku-ku, Tokyo 162-8001 Japan and Masato

IDEGAMI residing at c/o Dai Nippon Printing Co., Ltd., 1-1-1, Ichigaya-Kagacho, Shinjuku-ku, Tokyo 162-8001 Japan; (hereinafter referred to as Assignors)

WHEREAS, Assignors have invented certain new and useful improvements in

BASE MATERIAL HOLDING MECHANISM, TRANSPORT DEVICE, HOLDING MEMBER, BASE MATERIAL MOLDING SYSTEM, METHOD FOR HOLDING BASE MATERIAL, AND METHOD FOR MOLDING BASE MATERIAL

set forth in a Patent application for which an International Application was filed on *April 3*, 2018, PCT/JP2018/014308, designating the United States; and

WHEREAS, Dai Nippon Printing Co., Ltd., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 1-1-1, Ichigaya-Kagacho, Shinjuku-ku, Tokyo 162-8001 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over,

PATENT REEL: 050614 FRAME: 0178 unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

BASE MATERIAL HOLDING MECHANISM, TRANSPORT DEVICE, HOLDING MEMBER, BASE MATERIAL MOLDING SYSTEM, METHOD FOR HOLDING BASE MATERIAL, AND METHOD FOR MOLDING BASE MATERIAL

the specification of which was filed on *April 3, 2018 as PCT International Application No. PCT/JP2018/014308 and US application number* ______ (to be filled in when available).

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Locke Lord LLP, P.O. Box 55874, Boston, Massachusetts 02205, to insert the filing date and/or Application No. of said application into this document.

Date:	September 6, 2019	Signature:	Kohei Ishizuka Kohei ISHIZUKA
Date:	September 11, 2019	Signature:	Tuluke Uematsu Taisuke UEMATSU
Date:	September 10, 2019	Signature:	Takashi Konno Takashi KONNO
Date:	September, 12.2019	Signature:	Hiroyuki ATAKE
Date:	September, 20. 20/9.	Signature:	Yoshiyuki Meiki Yoshiyuki MEIKI
Date:	September 20, 2019	Signature:	Minoru Ariyama Minoru ARIYAMA
Date:	September 20 - 2019	Signature:	Marato Adegami

Masato IDEGAMI