# 505552749 07/01/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kazuhiko MORI	06/03/2019
Moriyasu NAGAYOSHI	06/03/2019
Naoki TAKAHASHI	04/18/2019
Tsuyoshi MAKITA	04/18/2019
Takahiro YAMAGUCHI	04/18/2019

### **RECEIVING PARTY DATA**

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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16475249

# **CORRESPONDENCE DATA**

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PATENT REEL: 049643 FRAME: 0127

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ATTORNEY DOCKET NUMBER:	186264
NAME OF SUBMITTER:	NAHOME MEKONNEN
SIGNATURE:	/Nahome Mekonnen/ For James Oliff
DATE SIGNED:	07/01/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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PATENT REEL: 049643 FRAME: 0128

# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

#### ASSIGNMENT

	Insert	(1)	Kazuhiko MORI	(2)	Moriyasu NAGAYOSHI			
	Legal Name(s)	(3)	Naoki TAKAHASHI	(4)	Tsuyoshi MAKITA			
	of Inventor(s)	(5)	Takahiro YAMAGUCHI	(6)				
		(7)		(8)				
		the un	sideration of the sum of one dollar ( dersigned, the receipt and sufficienc , and hereby does assign, transfer an	y of which are h	r good and valuable consideration paid to each of acreby acknowledged, each undersigned agrees to			
(9)	Insert Name of Assignee	(9) Iida Sangyo Co., Ltd.						
(10)	Insert Address of Assignee	(10)	2-2-2, Sakai, Musashino-shi, Tol	cyo 1800022 Ja	pan			
(11)	Insert Name of Assignee	(11) BX Kaneshin Co., Ltd.						
(12)	Insert Address of Assignee	(12)	(12) 4-20-19, Okudo, Katsushika-ku, Tokyo 1240022 Japan					
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as						
(13)	Insert Identification such as Title, Case Number, ox Foreign	(13)	PILLAR FIXING METAL FITTI	NG				
	Application Number	(Attor	ney Docket No.	), fi	iled on even date herewith or as			
(14)	Alternative	(14)	U.S. Application Number					
	Identification for filed applications	filed						

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

#### (15) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me,

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §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.

PATENT REEL: 049643 FRAME: 0129 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	6.	<u> </u>	2019	Inventor Signature	Ā	X.	<b>3</b> 5	(SEAL)
Date	6.	3.	2019.	Inventor Signature _	Á	to	塑融	(SEAL)
Date				Inventor Signature				(SEAL)
Date				Inventor Signature				(SEAL)
Date			. <u>.</u>	Inventor Signature				(SEAL)
Date				Inventor Signature				(SEAL)
Date				Inventor Signature				(SEAL)
Date				Inventor Signature				(SEAL)
neither,	This assig	gnment sho uld be sig	ould preferably be ned before at least	signed before: (a) a Notary Public two witnesses who also sign here	e if within the :	e U.S.A. (b) a	a U.S. Consul if outs	side the U.S.A. If
Date				Witness		_		
Date				Witness				

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature		(SEAL)
Date	· · · · · · · · · · · · · · · · · · ·	Inventor Signature		(SEAL)
Date	04, 18,2019	Inventor Signature	NAOKI TAKAHASHI.	(SEAL)
Date	04, 18, 2019	Inventor Signature	Tsuyoshi Makita	(SEAL)
Date	04.18.2019	Inventor Signature	Takahiro Yamaguchi	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature	· <del></del>	(SEAL)
neither	This assignment should preferably be signed, then it should be signed before at least two wi	before: (a) a Notary Pu tnesses who also sign h	blic if within the U.S.A. (b) a U.S. Consul if outside the ere:	U.S.A. If
Date		Witness		
Date		Witness		

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