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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
MAMORU ISHII			03/16/2017	
RECEIVING PARTY DA	ТА			
Name:	HITACHI METALS, LTD.			
Street Address:	2-70, KC	2-70, KONAN 1-CHOME		
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State/Country:	JAPAN	JAPAN		
Postal Code:	108-822	108-8224		
Property Type		Number	-	
Application Number:	1	Number 5480476		
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name:	DATA (7 pe sent to a provided; 7 re	5480476 720)536-4910 <i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be ser</i> 20.536.4900 ene@nodiplaw.com IEUGEBOREN O'DOWD PC		
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Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (7 provided; 7 re 1 S B UMBER:	5480476 720)536-4910 the e-mail address first; if that is una if that is unsuccessful, it will be ser 20.536.4900 ene@nodiplaw.com IEUGEBOREN O'DOWD PC 227 SPRUCE STREET SUITE 200 BOULDER, COLORADO 80302 170309FL1504US_PA1567US00 SEAN R. O'DOWD	nt via US Mail.	

Altorney Docket No 170309FL1504US PA1567US00

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Hitachi Metals, Ltd.

a Japanese Corporation as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

A BYPASS UNIT, A BASE FOR A FLOW METER, A BASE FOR A FLOW CONTROLLER, A FLOW METER, AND A FLOW CONTROLLER

described in an application for Letters Patent of the United States, identified as Attorney Docket No. FL, at Neugeboren O'Dowd PC, 1227 Spruce Street, Suite 200, Boulder, CO 80302, and filed on <u>April 6, 2017</u>, as Application Serial No. <u>15/480,476</u>, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all teless Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignce, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignce but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignce or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Sean R. O'Dowd, attorney for Assignce, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

1 88

mol-u Inventor's Signature

2017.3.16

Memoru ISHII Inventor's Printed Name

STATE OF

COUNTY OF

On this ______ day of ______, before me personally cause the above named <u>investor Name</u> who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth

NOTARY PUBLIC My Commission Expires:

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RECORDED: 04/06/2017