## 501887931 04/13/2012

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Alexei V. Smirnov	03/24/2012
Patrick Albright	03/27/2012
Cy Jordan	03/28/2011
Arun Nagarajan	03/28/2012
Michael J. Zolock	03/28/2012
Ryan Johnson	03/27/2012
Alexander Fernandez	04/02/2012

## **RECEIVING PARTY DATA**

Name:	Hitachi Metals, Ltd.
Street Address:	2-1, Shibaura 1-Chome
City:	Minato-Ku, Tokyo
State/Country:	JAPAN
Postal Code:	105-8614

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13354631

# **CORRESPONDENCE DATA**

 Fax Number:
 (720)536-4910

 Phone:
 720.536.4900

Email: rene@neugeborenlaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Neugeboren O'Dowd PC
Address Line 1: 1227 Spruce Street

Address Line 2: Suite 200

Address Line 4: Boulder, COLORADO 80302

**PATENT** 

REEL: 028044 FRAME: 0687

\$40.00 13354631

501887931

ATTORNEY DOCKET NUMBER:	FLF1005US
NAME OF SUBMITTER:	Sean R. O'Dowd
Total Attachments: 5 source=FLF1005_Signed_Assignment#pag source=FLF1005_Signed_Assignment#pag source=FLF1005_Signed_Assignment#pag source=FLF1005_Signed_Assignment#pag source=FLF1005_Signed_Assignment#pag	e2.tif e3.tif e4.tif

PATENT REEL: 028044 FRAME: 0688

### 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 corporation organized under the laws of the state of 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

### MASS FLOW CONTROLLER WITH ONBOARD DIAGNOSTICS, PROGNOSTICS, AND DATA LOGGING

described in an application for Letters Patent of the United States, identified as Attorney Docket No. FLF1005US, at Neugeboren O'Dowd PC, 1227 Spruce Street, Suite 200, Boulder, CO 80302 and filed on 1/20/2012, as Application Serial No. 13/354631, 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 Letters 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 Assignee, 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 Assignee 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 Assignee 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 Assignee, 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.

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Cro	03/27/12
Inventor's Signature	DATE
Alexei V. Smirnov	
Inventor's Printed Name	
STATE OF )	
COUNTY OF ) SS	
On this, day of, me or proved to me on the basis of satisfactory evidence to be he/she executed the same of his/her own free will for the use a	, before me personally came the above named <u>Alexei V. Smirnov</u> who is personally known by e the same individual who executed the foregoing assignment, and who acknowledged to me that and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires:

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		<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>
		03-27-2012
nventor's Signature		DATE
Patrick Albright		
nventor's Printed Name		
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ne/she executed the same of his/he	or own free will for the u	se and purposes therein set forth.
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nventof's Signature		DÂTE
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Inventor's Signature	<u>Z8/1/a, 20/2</u> DATE
Sirvencor's Orginatare Carrie Con-	DATE
Michael J. Zolock Inventor's Printed Name	
STATE OF ) SS	
COUNTY OF )	
On this day of,,,,,	before me personally came the above named <u>Michael J. Zolock</u> who is personally known by be the same individual who executed the foregoing assignment, and who acknowledged to me that and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
<b>N</b>	
Inventor's Signature	March 27,2012
	WAA.2
Ryan Johnson Inventor's Printed Name	
STATE OF ) SS	
COUNTY OF )	
On this day of or proved to me on the basis of satisfactory evidence to be he/she executed the same of his/her own free will for the use	, before me personally came the above named <u>Ryan Johnson</u> who is personally known by me the same individual who executed the foregoing assignment, and who acknowledged to me that and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires:
Inventor's Signature	DATE
Alexander Fernandez Inventor's Printed Name	
STATE OF	
COUNTY OF ) SS	
On this day of, by me or proved to me on the basis of satisfactory evidence that he/she executed the same of his/her own free will for the	before me personally came the above named <u>Alexander Fernandez</u> who is personally known to be the same individual who executed the foregoing assignment, and who acknowledged to me use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:

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Inventor's Signature	DATE
Patrick Albright Inventor's Printed Name	
STATE OF	co.
COUNTY OF	
On thisday of	before me personally came the above named Patrick Albright who is personally known
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Inventor's Signature	DATE
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proved to me on the basis of satisfactory evid ishe executed the same of his/her own free will	before me personally came the above named <u>Arun Nagarajan</u> who is personally known by me hence to be the same individual who executed the foregoing assignment, and who acknowledged to me that for the use and purposes therein set forth.
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Michael J. Zoloek		DATE
Inventor's Printed Name		
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Rvan Johnson		
Inventor's Printed Name	·	
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Alexander Fernandez Inventor's Printed Name  STATE OF  COUNTY OF  On this day of by me or printed to me on the has	is of satisfactory eviden	NOTARY PUBLIC  My Commission Expires:  DATE  before me personally came the above named <u>Alexander Fernander</u> who is personally known to be the same individual who executed the foregoing assignment, and who acknowledged to make