

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4054308

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST ASSIGNOR'S NAME TO KENICHI MEGURO previously recorded on Reel 034060 Frame 0860. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
KENICHI MEGURO	12/02/2011
HIROYUKI HOSHIYA	12/02/2011
KEIZOU KATOU	12/02/2011
YASUNORI ABE	12/15/2011

RECEIVING PARTY DATA

Name:	HITACHI METALS, LTD.
Street Address:	2-1, SHIBAURA 1-CHOME,
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14330059

CORRESPONDENCE DATA

Fax Number: (215)568-6499
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: 215-568-6400
Email: mschon@vklaw.com
Correspondent Name: VOLPE AND KOENIG, P.C.
Address Line 1: 30 S. 17TH STREET
Address Line 2: UNITED PLAZA
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	HITACHI7-340950592US02
NAME OF SUBMITTER:	DANIEL N. CALDER
SIGNATURE:	/Daniel N. Calder/
DATE SIGNED:	09/15/2016

Total Attachments: 5

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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Metals, Ltd., a corporation organized under the laws of Japan, located at 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Metals, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD FOR PRODUCING MAGNETORESISTIVE EFFECT ELEMENT, MAGNETIC SENSOR, ROTATION-ANGLE DETECTION DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Hitachi Metals, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Metals, Ltd.,

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Kenichi Meguro</u> Kenichi MEGURO	<u>12/2/11</u>
2)	<u>Hiroyuki Hoshiya</u> Hiroyuki HOSHIYA	<u>Dec 2, 2011</u>
3)	<u>Keizou Katou</u> Keizou KATOU	<u>Dec 2, 2011</u>
4)	<u>Yasunori Abe</u> Yasunori ABE	<u>Dec 15, 2011</u>
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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KENICHI MEGARO	12/02/2011
HIROYUKI HOSHIYA	12/02/2011
KEIZOU KATOU	12/02/2011
YASUNORI ABE	12/15/2011
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Name:	HITACHI METALS, LTD.
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Internal Address:	MINATO-KU
City:	TOKYO
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14330059
CORRESPONDENCE DATA	
Fax Number:	(215)568-6499
Phone:	215-568-6400
Email:	DLARSEN@VKLAW.COM
<i>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.</i>	
Correspondent Name:	VOLPE AND KOENIG, P.C.
Address Line 1:	UNITED PLAZA
Address Line 2:	30 SOUTH 17TH STREET
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	HITACHI7-340950592US02
NAME OF SUBMITTER:	STEVEN J. GELMAN
Signature:	/Steven J. Gelman/
Date:	10/29/2014

Total Attachments: 1
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RECEIPT INFORMATION

EPAS ID: PAT3085990
Receipt Date: 10/29/2014