

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4093584

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIDEO OHNO	09/20/2016
SHOJI IKEDA	09/15/2016
FUMIHIRO MATSUKURA	09/26/2016
MASAKI ENDOH	09/16/2016
SHUN KANAI	09/26/2016
KATSUYA MIURA	09/06/2016
HIROYUKI YAMAMOTO	09/09/2016
RECEIVING PARTY DATA	
Name:	TOHOKU UNIVERSITY
Street Address:	2-1-1 KATAHIRA, AOBA-KU
City:	SENDAI-SHI, MIYAGI
State/Country:	JAPAN
Postal Code:	980-8577
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15252128
CORRESPONDENCE DATA	
Fax Number:	(202)408-0924
<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>	
Phone:	202-371-8976
Email:	firm@rabinberdo.com
Correspondent Name:	RABIN & BERDO, P.C.
Address Line 1:	1101 14TH ST., N.W., SUITE 500
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	TOH-102NPC1
NAME OF SUBMITTER:	STEVEN M. RABIN
SIGNATURE:	/Steven M. Rabin/
DATE SIGNED:	10/12/2016

Total Attachments: 5

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hideo Ohno, Shoji Ikeda, Fumihiro Matsukura, Masaki Endoh, Shun Kanai, Katsuya Miura and Hiroyuki Yamamoto, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

Magneto-resistive Element and Magnetic Memory

[] said application being attached hereto;
[X] said application having been filed in the United States Patent and Trademark Office on August 30, 2016, as Application Serial No. 15/252,128, and was amended on (if applicable);
[] the specification of which was filed under the Patent Cooperation Treaty on _____,
Serial No. _____, the United States of America being designated.

AND WHEREAS TOHOKU UNIVERSITY of 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

WITNESS:
Signature: _____
Name: _____
Address: _____

ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: *Hideo Ohno*
Legal Name: Hideo Ohno
Date: Sept. 30, 2016

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature: Shoji Ikeda

Legal Name: Shoji Ikeda

Date: Sep. 15, 2016

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THIRD INVENTOR):

Signature: Fumihiko Matsukura

Legal Name: Fumihiko Matsukura

Date: Sep. 26, 2016

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (FOURTH INVENTOR):

Signature: _____

Legal Name: Masaki Endoh

Date: _____

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (FIFTH INVENTOR):

Signature: Shun Kanai

Legal Name: Shun Kanai

Date: Sept. 26, 2016

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SIXTH INVENTOR):

Signature: _____

Legal Name: Katsuya Miura

Date: _____

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SEVENTH INVENTOR):

Signature: _____

Legal Name: Hiroyuki Yamamoto

Date: _____

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature: _____
Legal Name: Shoji Ikeda
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (THIRD INVENTOR):

Signature: _____
Legal Name: Fumihiko Matsukura
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (FOURTH INVENTOR):

Signature: Masaki Endoh
Legal Name: Masaki Endoh
Date: Sep. 16, 2016

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (FIFTH INVENTOR):

Signature: _____
Legal Name: Shun Kanai
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SIXTH INVENTOR):

Signature: _____
Legal Name: Katsuya Miura
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SEVENTH INVENTOR):

Signature: _____
Legal Name: Hiroyuki Yamamoto
Date: _____

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Name: _____
Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature: _____
Legal Name: Shoji Ikeda
Date: _____

ASSIGNOR (THIRD INVENTOR):

Signature: _____
Legal Name: Fumihiko Matsukura
Date: _____

ASSIGNOR (FOURTH INVENTOR):

Signature: _____
Legal Name: Masaki Endoh
Date: _____

ASSIGNOR (FIFTH INVENTOR):

Signature: _____
Legal Name: Shun Kanai
Date: _____

ASSIGNOR (SIXTH INVENTOR):

Signature: _____
Legal Name: Katsuya Miura
Date: _____

ASSIGNOR (SEVENTH INVENTOR):

Signature: Hiroyuki Yamamoto
Legal Name: Hiroyuki Yamamoto
Date: 9/9/2016

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature: _____
Legal Name: Shoji Ikeda
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (THIRD INVENTOR):

Signature: _____
Legal Name: Fumihiko Matsukura
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (FOURTH INVENTOR):

Signature: _____
Legal Name: Masaki Endoh
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (FIFTH INVENTOR):

Signature: _____
Legal Name: Shun Kanai
Date: _____

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SIXTH INVENTOR):

Signature: Katsuya Miura
Legal Name: Katsuya Miura
Date: 9/6/2016

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (SEVENTH INVENTOR):

Signature: _____
Legal Name: Hirovuki Yamamoto
Date: _____

RABIN & BERDO, P.C., Washington, D.C.