

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4740564

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNSUKE FUKAMI	10/23/2017
HIDEO OHNO	10/20/2017
TETSUO ENDOH	11/02/2017
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:	15718990
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	TOH-109BC1
NAME OF SUBMITTER:	STEVEN M. RABIN
SIGNATURE:	/Steven M. Rabin/
DATE SIGNED:	12/19/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	
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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Shunsuke FUKAMI, Hideo OHNO, and Tetsuo ENDOH, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to MAGNETORESISTANCE EFFECT ELEMENT, MAGNETIC MEMORY DEVICE, MANUFACTURING METHOD, OPERATION METHOD, AND INTEGRATED CIRCUIT.

[] said application being attached hereto;
[X] said application having been filed in the United States Patent and Trademark Office on September 28, 2017, as Application Serial No. 15/718,990, 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: Shunsuke Fukami
Legal Name: Shunsuke FUKAMI
Date: OCT 23, 2017

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature: *Hideo Ohno*

Legal Name: Hideo OHNO

Date: Oct. 20, 2019

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THIRD INVENTOR):

Signature: *Tetsuo Endoh*

Legal Name: Tetsuo ENDOH

Date: Nov. 2, 2019

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