PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3493746

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEO OHNO	08/06/2015
SHOJI IKEDA	08/04/2015
HIROYUKI YAMAMOTO	07/15/2015
YOSUKE KUROSAKI	07/17/2015
KATSUYA MIURA	07/17/2015

RECEIVING PARTY DATA

Name:	TOHOKU UNIVERSITY
Street Address:	2-1-1, KATAHIRA, AOBA-KU
City:	SENDAI-SHI, MIYAGI
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14356739

CORRESPONDENCE DATA

Fax Number: (703)610-8686

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: 7039039000

Email: tpurifoy@milesstockbridge.com, ipdocketing@milesstockbridge.com

MITCHELL W. SHAPIRO **Correspondent Name:** Address Line 1: MILES & STOCKBRIDGE P.C.

Address Line 2: 1751 PINNACLE DRIVE, SUITE 1500 Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	T4388-000000	
NAME OF SUBMITTER:	TYNISHA PURIFOY	
SIGNATURE:	/Tynisha Purifoy/	
DATE SIGNED:	08/21/2015	

Total Attachments: 1

source=Inventors Tohoku University Assignment#page1.tif

PATENT REEL: 036393 FRAME: 0335

503447121

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 TOHOKU UNIVERSITY,

a corporation organized under the laws of Japan,

located at 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said TOHOKU UNIVERSITY, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

TUNNEL MAGNETORESISTIVE EFFECT ELEMENT AND RANDOM ACCESS MEMORY USING SAME

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, No.14/356,739 filed 08/November/2011, 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 TOHOKU UNIVERSITY,

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 TOHOKU UNIVERSITY.

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) Stoles Ce	Hideo OHNO	Aug. 4, 2015
2) Shop looks	Shoji IKEDA	Aug. 4, 2015
	Hiroyuki YAMAMOTO	July 15, 2015
4) Yosuke Kurosaki	Yosuke KUROSAKI	July 17, 2015
5) Katsuya Miura	Katsuya MIURA	July 17, 2015
6)		
7)	<u> </u>	
8)		
9)		
10)		

PATENT REEL: 036393 FRAME: 0336

RECORDED: 08/21/2015