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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the IMPROPER DOCUMENT SUBMITTED ON MAY 27, 2020 previously recorded on Reel 052760 Frame 0652. Assignor(s) hereby confirms the THE CORRECT SIGNED ASSIGNMENT IS SUBMITTED UNDER MPEP §323.01(C).
CONVEYING PARTY DATA	
Name	Execution Date
HIROAKI HONJO	06/02/2020
TETSUO ENDOH	06/03/2020
HIDEO SATO	06/11/2020
SHOJI IKEDA	06/02/2020
RECEIVING PARTY DATA	
Name:	TOHOKU UNIVERSITY
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City:	SENDAI-SHI, MIYAGI
State/Country:	JAPAN
Postal Code:	9808577
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16843708
CORRESPONDENCE DATA	
Fax Number:	(619)235-0398
<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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Correspondent Name:	PROCOPIO, CORY, HARGREAVES & SAVITCH LLP
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Address Line 4:	SAN DIEGO, CALIFORNIA 92101
ATTORNEY DOCKET NUMBER:	121899-011UT1
NAME OF SUBMITTER:	ANA MOLINA
SIGNATURE:	/Ana Molina/
DATE SIGNED:	06/16/2020
Total Attachments: 4	

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>HIROAKI HONJO</td><td>12/13/2018</td></tr><tr><td>TETSUO ENDOH</td><td>12/13/2018</td></tr><tr><td>HIDEO SATO</td><td>12/13/2018</td></tr><tr><td>SHOJI IKEDA</td><td>12/13/2018</td></tr></tbody></table>		Name	Execution Date	HIROAKI HONJO	12/13/2018	TETSUO ENDOH	12/13/2018	HIDEO SATO	12/13/2018	SHOJI IKEDA	12/13/2018
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Application Number:	16843708										
CORRESPONDENCE DATA											

PATENT**REEL: 052958 FRAME: 0899**

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**ATTORNEY DOCKET
NUMBER:**

121899-011UT1

NAME OF SUBMITTER:

ANA MOLINA

Signature:

/Ana Molina/

Date:

05/27/2020

Total Attachments: 5

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RECEIPT INFORMATION

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Assignment

Whereas, We, **Hiroaki HONJO** of Sendai-shi, Miyagi, Japan, **Tetsuo ENDOH** of Sendai-shi, Miyagi, Japan, **Hideo SATO** of Sendai-shi, Miyagi, Japan, **Shoji IKEDA** of Sendai-shi, Miyagi, Japan, hereinafter called assignor, have invented certain improvements in MAGNETORESISTANCE EFFECT ELEMENT AND MAGNETIC MEMORY and executed an application for Letters Patent of the United States of America therefor; and

Whereas, TOHOKU UNIVERSITY, of 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 9808577 Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I hereby agree that the assignee may apply for foreign Letters Patent on the invention and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES & SAVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses (Application number 16/843,708 and Confirmation number 1222, filed April 8, 2020) the application number, confirmation number and filing date of said application when known.

Date: June 2, 2020 | Hiroaki Honjo
s/ Hiroaki HONJO

Date: June 3, 2020 | Tetsuo Endoh
s/ Tetsuo ENDOH

Date: _____ | _____
s/ Hideo SATO

Date: June 2, 2020 | Shoji Ikeda
s/ Shoji IKEDA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

Whereas, We, **Hiroaki HONJO** of Sendai-shi, Miyagi, Japan, **Tetsuo ENDOH** of Sendai-shi, Miyagi, Japan, **Hideo SATO** of Sendai-shi, Miyagi, Japan, **Shoji IKEDA** of Sendai-shi, Miyagi, Japan, hereinafter called assignor, have invented certain improvements in MAGNETORESISTANCE EFFECT ELEMENT AND MAGNETIC MEMORY and executed an application for Letters Patent of the United States of America therefor; and

Whereas, TOHOKU UNIVERSITY, of 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 9808577 Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I hereby agree that the assignee may apply for foreign Letters Patent on the invention and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys PROCOPIO, CORY, HARGREAVES & SAVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses (Application number 16/843,708 and Confirmation number 1222, filed April 8, 2020) the application number, confirmation number and filing date of said application when known.

Date:		s/ Hiroaki HONJO
Date:		s/ Tetsuo ENDOH
Date: <i>June, 11, 2020</i>		<i>Hideo Sato</i> s/ Hideo SATO
Date:		s/ Shoji IKEDA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)