

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEIO UNIVERSITY	10/04/2012
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: 6	
Property Type	Number
Patent Number:	7586781
Patent Number:	7826257
Application Number:	12531594
Patent Number:	8203191
Patent Number:	8254163
Application Number:	12997461
CORRESPONDENCE DATA	
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OP \$240.00 7586781

NAME OF SUBMITTER:

Sadao Kinashi

Total Attachments: 2

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ASSIGNMENT

WHEREAS, **KEIO UNIVERSITY**, a corporation duly organized under the laws of Japan and having its principal place of business at **15-45, MITA 2-CHOME, MINATO-KU, TOKYO, 108-8345, JAPAN**, is the owner of the entire right, title and interest in and to the inventions described and claimed in U.S. Patents and U.S. Patent Applications indicated in the attached list, by virtue of assignments recorded at the U.S. Patent and Trademark Office as specified therein;

WHEREAS, **KEIO UNIVERSITY**, hereinafter referred to as ASSIGNOR, is desirous of assigning its entire right, title and interest in and to said listed U.S. Patents and U.S. Patent Applications;

WHEREAS, **TOHOKU UNIVERSITY**, a corporation of Japan having its principal place of business at **2-1-1 Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577, JAPAN**, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest as held by ASSIGNOR in and to said listed U.S. Patents and U.S. Patent Applications;

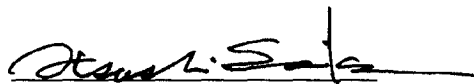
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that for good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its entire right, title, and interest in and to the United States Patents and U.S. Patent Applications specified in the attached list and the inventions therein, for the full term of the said Letters Patents and any reissue, extension, reexamination, continuation, or divisional thereof.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set hand and seal this 4th day of October, 2012.

Assignor: **KEIO UNIVERSITY**

Signature

of Representative:



Name: Atsushi Seike

Title: President

List of Assigned U.S. Patents & U.S. Patent Applications

U.S. Serial No.	Patent No.	Title	Attorney Reference	Date	Reel	Frame
11/666,172	7,586,781	"MAGNETO-RESISTANCE EFFECT ELEMENT AND MAGNETIC MEMORY DEVICE"	071478	05/01/2007	019236	0490
12/511,386	7,826,257	"MAGNETO-RESISTANCE EFFECT ELEMENT AND MAGNETIC MEMORY DEVICE"	071478A	Same	Same	Same
12/531,594		"METHOD FOR CHANGING SPIN RELAXATION, METHOD FOR DETECTING SPIN CURRENT AND SPINTRONICS DEVICE USING SPIN RELAXATION"	091084	09/17/2009	023244	0800
12/743,057	8,100,000	"SPIN CURRENT THERMAL CONVERSION DEVICE AND THERMOELECTRIC CONVERSION DEVICE"	100694	05/20/2010	024414	0069
12/996,509	8,111,000	"SPINTRONIC DEVICE AND INFORMATION TRANSMITTING METHOD"	101470	12/09/2010	025483	0112
12/997,461		"THERMOELECTRIC CONVERSION DEVICE"	101489	12/14/2010	025489	0130