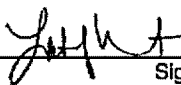


<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		Attorney Docket No.: <u>8948P046</u>
To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
<b>1. Name of conveying party(ies):</b> Yuanhong LUO and Gerard Franck ERNULT  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b> Name: <u>Agency for Science, Technology and Research</u> Internal Address: _____  Street Address: <u>1 Fusionopolis Way, #20-10</u> <u>Connexis</u> City: <u>Singapore</u>  State: _____  Country: <u>Singapore</u> Zip: <u>138632</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>02.04.2013 and 02.06.2013</u>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application.  A. Patent Application No.(s): <u>13/708,866</u>  B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b>  Name: <u>BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> City: <u>Sunnyvale</u>  State: <u>California</u> Zip Code: <u>94085</u> Phone Number: <u>408-720-8300</u> Fax Number: <u>408-720-8383</u> Email Address: <u>mail@bstz.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total Fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b>  Deposit Account Number <u>02-2666</u> Authorized User Name <u>Lester J. Vincent</u>	
<b>9. Signature:</b> <u></u> <span style="float: right;"><u>February 14, 2013</u></span> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">           Signature   <u>Lester J. Vincent, Reg. No. 31,460</u>            Name of Person Signing         </div> <div style="text-align: center;">           Date             Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 5px;">3</span> </div> </div>		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 8848P046

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Yuanhong LUO and Gerard Franck ERNULT

hereby sell, assign, and transfer to Agency for Science, Technology and Research

an Agency of SINGAPORE

(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1 Fusionopolis Way, #20-10 Connexis, SINGAPORE 138632,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

A MAGNETORESISTIVE DEVICE AND A WRITING METHOD FOR A MAGNETORESISTIVE DEVICE

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/708,868 filed December 7, 2012

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein

conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

<u>4 Feb</u> , 2013	<u>[Signature]</u>
Date	Signature
	Yuanhong LUO
	Printed/Typed Name
<u>6 February</u> , 2013	<u>[Signature]</u>
Date	Signature
	Gerard Franck ERNULT
	Printed/Typed Name
<u>      </u> , 20	<u>      </u>
Date	Signature
	Printed/Typed Name
<u>      </u> , 20	<u>      </u>
Date	Signature
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Date	Signature
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Sunnyvale, CA 94085-4040  
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