


08/25/2011



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Our Ref.: JSP-4593-347

**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 1 Siuman MOK                      5 Rongkwang NI 2 Hokei LAM                        6 Wanyin KWAN 3 Cheukwing LEUNG              7 Cheukman LUI 4 Juren DING                       8 Chiuming LUENG  Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date:            1) April 7, 2011; 2) April 7, 2011; 3) May 7, 2011; 4) May 7, 2011; 5) April 7, 2011; 6) April 7, 2011; 7) April 7, 2011; 8) July 4, 2011	2. Name and address of receiving party(ies): 1) Name: SAE Magnetics (H.K.) Ltd. Street Address: SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T. City: Hong Kong State/Country: China                      Zip:  2) Name Street Address: City: State: Zip:  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 13/067,887 (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) (2) (3)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joseph S. Presta  Internal Address:  Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203	6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
<b>DO NOT USE THIS SPACE</b>	
9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Joseph S. Presta  August 23, 2011 Name of Person Signing                      Signature                      Date Reg. No. 35,329  Total number of pages including original cover sheet, attachments, and document: [3]	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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**PATENT**  
**REEL: 026827 FRAME: 0581**

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# ASSIGNMENT OF PATENT APPLICATION

(Inventors) Siuman MOK  
 Hokel LAM  
 Cheukwing LEUNG  
 Juren DING  
 Rongkwang NI  
 Wanyin KWAN  
 Cheukman LUI  
 Chiuming LUENG

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) SAE Magnetics (H.K.) Ltd.

(Address) of SAE Technology Centre, 8 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong, China

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as

(Title) METHOD FOR MEASURING LONGITUDINAL BIAS MAGNETIC FIELD IN A TUNNEL MAGNETORESISTIVE SENSOR (Case No. 4593-347)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in

U.S. appln. Serial No.

filed on July 1, 2011.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.


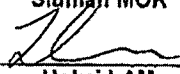
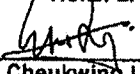

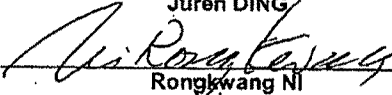
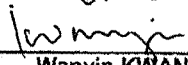
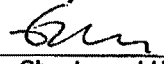
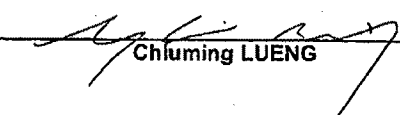
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date <u>4/7/11</u>	Signature of inventor	 Siuman MOK
Date <u>4/7/11</u>	Signature of inventor	 Hokai LAM
Date <u>5/9/11</u>	Signature of inventor	 Cheukwing LEUNG
Date <u>5/7/11</u>	Signature of inventor	 Juren DING
Date <u>4/7/2011</u>	Signature of Inventor	 Rongkwang NI
Date <u>4/7/2011</u>	Signature of Inventor	 Wanyin KWAN
Date <u>4/7/2011</u>	Signature of inventor	 Cheukman LUI
Date <u>04 Jul 2011</u>	Signature of inventor	 Chiuming LUENG