

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasutoshi FUJITA</td> <td>01/09/2013</td> </tr> <tr> <td>Ryuji FUJII</td> <td>01/07/2013</td> </tr> <tr> <td>Hideki TANZAWA</td> <td>01/08/2013</td> </tr> <tr> <td>Natsuo NISHIJIMA</td> <td>01/07/2013</td> </tr> <tr> <td>Tai Boon LEE</td> <td>01/08/2013</td> </tr> <tr> <td>Jian Hui HUANG</td> <td>01/07/2013</td> </tr> <tr> <td>Huan Chao LIANG</td> <td>01/07/2013</td> </tr> <tr> <td>Koji SHIMAZAWA</td> <td>01/07/2013</td> </tr> <tr> <td>Kei HIRATA</td> <td>01/07/2013</td> </tr> <tr> <td>Daisuke MIYAUCHI</td> <td>01/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yasutoshi FUJITA	01/09/2013	Ryuji FUJII	01/07/2013	Hideki TANZAWA	01/08/2013	Natsuo NISHIJIMA	01/07/2013	Tai Boon LEE	01/08/2013	Jian Hui HUANG	01/07/2013	Huan Chao LIANG	01/07/2013	Koji SHIMAZAWA	01/07/2013	Kei HIRATA	01/07/2013	Daisuke MIYAUCHI	01/07/2013
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Kei HIRATA	01/07/2013																						
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RECEIVING PARTY DATA																							
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																						
PROPERTY NUMBERS Total: 1																							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13724283</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13724283																		
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Application Number:	13724283																						
CORRESPONDENCE DATA																							
Fax Number:	7038164100																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
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OP \$40.00 13724283

ATTORNEY DOCKET NUMBER:	4593-411
NAME OF SUBMITTER:	Joseph S. Presta
Signature:	/Joseph S. Presta/
Date:	04/09/2013
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ASSIGNMENT OF PATENT APPLICATION

(Inventors) Yasutoshi FUJITA
 Ryuji FUJII
 Hideki TANZAWA
 Natsuo NISHIJIMA
 Tai Boon LEE
 Jian Hui HUANG
 Huan Chao LIANG
 Koji SHIMAZAWA

Kei HIRATA
 Daisuke MIYAUCHI

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, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong, CN
 (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) THERMALLY ASSISTED MAGNETIC HEAD SLIDER, HEAD GIMBAL ASSEMBLY, AND HARD DISK DRIVE WITH THE SAME, AND MANUFACTURING METHOD THEREOF (Case No. 4593-411)
 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. Appl. No. 13/724,283, filed on December 21, 2012.
 The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.



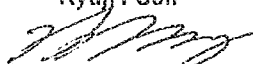
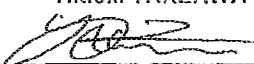
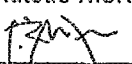
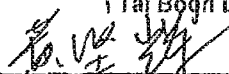
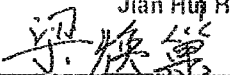
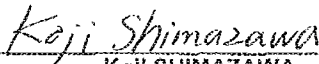
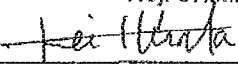
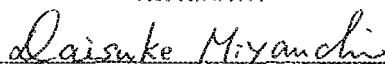
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem 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>1/09/2013</u>	Signature of inventor	<u></u> Yasutoshi FUJITA
Date	<u>1/07/13</u>	Signature of inventor	<u></u> Ryuu FUJII
Date	<u>Jan. 8, 13</u>	Signature of inventor	<u></u> Hideki TANZAWA
Date	<u>2013 Jan 7</u>	Signature of inventor	<u></u> Natsuo NISHIJIMA
Date	<u>8-Jan 2013</u>	Signature of inventor	<u></u> Tai Boon LEE
Date	<u>1/7/2013</u>	Signature of inventor	<u></u> Jian Hu HUANG
Date	<u>Jan-07-2013</u>	Signature of inventor	<u></u> Huan Chao LIANG
Date	<u>Jan-07-2013</u>	Signature of inventor	<u></u> Koji SHIMAZAWA
Date	<u>Jan. 7 2013</u>	Signature of inventor	<u></u> Kei HIRATA
Date	<u>Jan. 7 2013</u>	Signature of inventor	<u></u> Daisuke MIYAUCHI