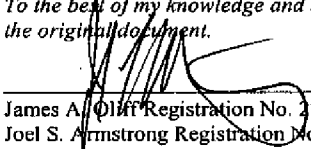


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				Attorney Docket No. <u>137846</u>	
Please record the attached original document or copy thereof.					
Total number of pages including cover sheet, attachments, and document: <u>5</u>					
1. A. Name of conveying parties: (1) Koji SHIMAZAWA (2) Hiraku HIRABAYASHI (3) Kosuke TANAKA (4) Eiji KOMURA B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: TDK CORPORATION 1-13-1, NIHONBASHI CHUO-KU TOKYO 103-8272 JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other Record to correct Assignee address on an <u>assignment document previously recorded on July 18,</u> <u>2008, reel 021261/frame 0877</u> B. Execution Date: <u>[1-3] July 10, 2008;</u> <u>[4] July 14, 2008</u>					
4. A. Patent Application No.(s) <u>12/176,127</u>			B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
C. Title of Application: <u>THERMALLY ASSISTED MAGNETIC HEAD WITH OPTICAL WAVEGUIDE</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: <u>OLIFF & BERRIDGE, PLC</u> <u>P.O. Box 320850</u> <u>Alexandria, VA 22320-4850</u> <u>Phone Number: 703-836-6400</u> <u>Fax Number: 703-836-2787</u>			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  James A. Oliff Registration No. 27,075 Joel S. Armstrong Registration No. 36,430 </div> <div style="width: 35%; text-align: right;"> Date: <u>August 6, 2008</u> </div> </div>					

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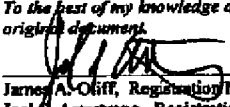
TO: JAMES A. OLIFF COMPANY: OLIFF & BERRIDGE, PLC

07/18/2008 18:33 FAX 7038362787

OLIFF & BERRIDGE, PLC

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				Attorney Docket No. <u>137846</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>2</u>					
1. A. Name of conveying parties: [1] Koji SHIMAZAWA [2] Hiraku HIRABAYASHI [3] Kosuke TANAKA [4] Eiji KOMURA B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: TDK CORPORATION 1-13-1, NIHINBASHI CHUO-KU TOKYO 103-8272 JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>[1-3] July 10, 2008;</u> <u>[4] July 14, 2008</u>					
4. A. Patent Application No. <u>12/176,127</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No C. Title of Application: <u>THERMALLY ASSISTED MAGNETIC HEAD WITH OPTICAL WAVEGUIDE</u>			B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: <u>OLIFF & BERRIDGE, PLC</u> <u>P.O. Box 320850</u> <u>Alexandria, VA 22320-4850</u> <u>Phone Number: 703-836-6400</u> <u>Fax Number: 703-836-2787</u>			6. Total number of applications and patents involved: <u>1</u>		
			7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> .		
			8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i>  James A. Oliff, Registration No. 27,075 Joel R. Armstrong, Registration No. 36,430 Date: <u>July 18, 2008</u>					

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For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we,

NameAddress1) **Koji SHIMAZAWA**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 Japan2) **Hiraku HIRABAYASHI**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 Japan3) **Kosuke TANAKA**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 Japan4) **Eiji KOMURA**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 Japan

hereinafter called assignor(s), have invented certain improvements in
Thermally Assisted Magnetic Head with Optical Waveguide

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless
 otherwise indicated below:

filed on July 18, 2008, Serial No. 12/176,127; and

Whereas

TDK Corporation

1-13-1, Nihonbashi,
 Chuo-ku, Tokyo 103-8272 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, be it known that, for good and valuable consideration from assignee, the receipt of which is
 hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign,
 transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to
 this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States
 which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of
 Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and
 assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with
 assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal
 proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or
 desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional,
 continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its
 successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being
 understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and
 assigns.

INVENTORSDATE SIGNED

1):

Name:

*Koji Shimazawa***Koji SHIMAZAWA***10. July 2008*

2):

Name:

*Hiraku Hirabayashi***Hiraku HIRABAYASHI***10. July 2008*

3):

Name:

*Kosuke Tanaka***Kosuke TANAKA***10. July 2008*

4):

Name:

*Eiji Komura***Eiji KOMURA***14. July 2008*

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