

<b>Mail Stop:</b> Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		<b>U.S. DEPARTMENT OF COMMERCE</b> <b>Patent and Trademark Office</b>	
				Attorney Docket No. <b>140380</b>	
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] Eiji KOMURA [3] Seiichi TAKAYAMA  B. Additional names of conveying parties 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 names & addresses 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 and 2] April 6, 2009</u> <u>[3] April 7, 2009</u>					
4. A. Patent Application No. <u>12/363,010</u> B. Patent No. _____  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No  C. Title of Application: <u>THERMALLY ASSISTED MAGNETIC HEAD HAVING A SEMICONDUCTOR SURFACE-EMITTING LASER</u>					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>James A. Oliff</u>  Address: <b>OLIFF &amp; BERRIDGE, PLC</b> P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			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. <b>Statement and signature.</b> <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            Patrick T. Muffo Registration No. 60,342         </div> <div style="width: 35%; text-align: right;">           Date: <u>April 16, 2009</u> </div> </div>					

CH \$40.00 150461 12363010

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) **Eiji KOMURA**

(c/o) TDK Corporation,

1-13-1, Nihonbashi,  
Chuo-ku, Tokyo 103-8272 Japan3) **Seiichi TAKAYAMA**

(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 HAVING A SEMICONDUCTOR SURFACE-EMITTING LASER**

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

filed on **January 30, 2009**, Serial No. **12/363010**; 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 patent 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 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 title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue application 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 SHIMAZAWAApr. 06. 2009

2):

Name:

Eiji Komura  
Eiji KOMURAApr. 06. 2009

3):

Name:

Seiichi Takayama  
Seiichi TAKAYAMAApr. 07. 2009

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