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| <b>SAMSUNG ELECTRONICS CO., LTD.</b><br>416, Maetan-dong, Yeongtong-gu<br>Suwon-si, Gyeonggi-do<br>Republic of Korea | And | <b>TDK Corporation</b><br>1-13-1, Nihonbashi, Chuo-ku<br>Tokyo, 103-8272<br>Japan |
|--|-----|---|

2. Name and Address of receiving party(ies):

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

3. Nature of conveyance:

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| <input checked="" type="checkbox"/> Assignment | ___ | Merger         |
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Execution Date(s): June 1, 2009 and June 5, 2009

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I hereby certify that this correspondence is being transmitted via facsimile to: Commissioner for Patents.  
 on June 12, 2009  
 Stein McEwen, LLP  
 By: Barbara T. Dookey  
 Date: 6/12/09

4. Application number(s) or patent number(s):

This document is being filed together with a new application:  
 (a) The execution date(s) of the application is/are:  
 (b) The title is: **WRITING CONDITION OPTIMIZING METHOD AND APPARATUS, AND OPTICAL RECORDING MEDIUM**  
 OR  
 This document is being filed after filing of the application:  
 (a) Patent Application No(s). 11/641,065, filed December 19, 2006; or  
 (b) Patent No(s) , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

**STEIN MCEWEN, LLP** Our Docket: 0001.1313  
 Attention: Michael D. Stein  
 1400 Eye St., N.W., Suite 300  
 Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

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 Date

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**PATENT ASSIGNMENT**

**WHEREAS**, Samsung Electronics Co., Ltd., a corporation of the Country of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, and TDK Corporation, a corporation of the Country of Japan, having a place of business at 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272, Japan, were the owners of the entire right, title and interest in and to U.S. Patent Application No. 11/641,065, filed December 19, 2006, and corresponding patents and patent applications in foreign countries.

**WHEREAS**, TDK Corporation, a corporation of the Country of Japan, having a place of business at 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan, is desirous of acquiring the entire right, title and interest in and to the aforesaid U.S. Patent Application No. 11/641,065, and the inventions therein disclosed and for all improvements therein, including the right to recover for past infringements thereof, and has so acquired the entire right, title and interest in and to the aforesaid U.S. Patent Application No. 11/641,065, and the inventions therein including the right to recover for past infringements thereof, by virtue of an Agreement between Samsung Electronics Co., Ltd. and TDK Corporation, effective 5 June 2009.

**NOW THEREFORE**, said Samsung Electronics Co., Ltd. and TDK Corporation, their successor in interest, in consideration of good and valuable considerations the receipt of which is hereby acknowledged, has sold, assigned, transferred and set over and by these present does hereby sell, assign, transfer and set over unto the said TDK Corporation, its successors and assigns the entire and exclusive right, title and interest in and to all Letters Patents and patent applications, in the United States and its territorial possessions, in any and all foreign countries, and in and to any and all divisions, reissues, renewals, reexaminations, continuations, continuations-in-part and extensions or any legal equivalents thereof in the foreign countries, including the right to recover for past infringements thereof, which were previously owned by Samsung Electronics Co., Ltd. and TDK Corporation related to the aforesaid U.S. Patent Application No. 11/641,065.

AND said Samsung Electronics Co., Ltd. and TDK Corporation, their successor in interest, agree to execute any further papers necessary to secure the assignee in its full and complete enjoyment of its rights to said U.S. Patent Application No.11/641,065, and any reissues, renewals, divisions, reexaminations, continuatfons, continuations-in-part, and extensions, and said equivalents thereof in any and all foreign countries.

IN TESTIMONY WHEREOF Samsung Electronics Co., Ltd. and TDK Corporation have caused their names to be signed by their duly authorized officers.

Samsung Electronics Co., Ltd.

Date: 1 June 2009

By: *D. H. Shim*

Donghyun Shim  
(Senior Manager)

TDK Corporation

Date: 5 June 2009

By: *Monjiro Momoi*

MONJIRO MOMOI  
(Intellectual property related representative)