

12-22-2006

FORM PTO-1595



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U.S. DEPARTMENT OF COMMERCE

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

113277 U.S. PTO
11/641065

121906

1. Name of conveying parties:

Jae-cheol BAE
In-oh HWANG
Kyung-geun LEE
Hui ZHAONarutoshi FUKUZAWA
Takashi KIKUKAWA
Tatsuhiro KOBAYASHI

2. Name and Address of receiving parties:

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do
Republic of KoreaTDK Corporation
1-13-1, Nihonbashi, Chuo-ku
Tokyo, 103-8272
Japan

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____Execution Date(s): December 18, 2006

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

☒ This document is being filed together with a new application:(a) The execution date of the application is: December 18, 2006(b) The title is: WRITING CONDITION OF OPTIMIZING METHOD AND APPARATUS,
AND OPTICAL RECORDING MEDIUM
OR☐ This document is being filed after filing of the application:(a) Patent Application No(s). Not yet assigned, 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 & BUI, LLP
Attention: Michael D. Stein
1400 Eye St., N.W., Suite 300
Washington, D.C. 20005Our Docket: 0001.1313

11/20/2006 HNGUYEN 00000061 11641065

11/20/2006

40.00 OP

6. Total number of applications and patents involved: 1

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

☒ Enclosed
☐ Authorized to be charged to Deposit Account No. 503333.

8. Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)

Michael D. Stein, Reg. No. 37,240
Name of Person Signing
Signature12/19/06
DateTotal number of pages including cover sheet: 3

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U.S. ASSIGNMENT

SMB 12/04

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned Inventor(s) (hereinafter, "ASSIGNOR") by

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do
Republic of Korea

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

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

WRITING CONDITION OPTIMIZING METHOD AND APPARATUS, AND OPTICAL RECORDING MEDIUM

relating to International Patent Application PCT/JP_____/_____, and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on: 18 December 2006 (Insert date of execution of application, if not concurrent)

(b) filed on:

Serial No. Not yet assigned;

Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

- 1) Jaechool Bae 18 December 2006
Jae-chool BAE
- 2) Inoh Hwang 18 December 2006
In-oh HWANG
- 3) Kyung-geun Lee 18 December 2006
Kyung-geun LEE
- 4) ZHAO hui 18 December 2006
Hui ZHAO
- 5) _____
Narutoshi FUKUZAWA
- 6) _____
Takashi KIKUKAWA
- 7) _____
Tatsuhiko KOBAYASHI

PATENT

REEL: 018718 FRAME: 0612

U.S. ASSIGNMENT

SMB 12/04

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned Inventor(s) (hereinafter, "ASSIGNOR") by

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(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) _____ Jae-cheol BAE	_____	_____
2) _____ In-oh HWANG	_____	_____
3) _____ Kyung-goun LEE	_____	_____
4) _____ Hui ZHAO	_____	_____
5) <u>Narutoshi FUKUZAWA</u> Narutoshi FUKUZAWA	18 December 2006	_____
6) <u>Takanori KIKURAWA</u> Takanori KIKURAWA	18 December 2006	_____
7) <u>Tatsuhiko KOBAYASHI</u> Tatsuhiko KOBAYASHI	18 December 2006	_____

PATENT

RECORDED: 12/19/2006

REEL: 018718 FRAME: 0613