FORM PTO-1595   REC

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PATENTS ONLY

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U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1.   Name of conveying party:

      Dong-han LEE

2.   Name and Address of receiving party:

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

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3.   Nature of conveyance:
      __X__ Assignment   ____ Merger
      ____   Security Agreement   ____ Change of Name
      ____   Other: _____
      Execution Date(s): __January 13, 2004__

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: __January 13, 2004__
      (b)   The title is: A METHOD AND APPARATUS TO DISPLAY STATUS OF OPTICAL RECORDING
              AND/OR REPRODUCING APPARATUS
                      OR
      ☐ This document is being filed after filing of the application:
      (a)   Patent Application No(s). ___/_____, filed _____; or
      (b)   Patent No(s).   , issued   .

5.   Name and address of party to whom correspondence concerning document should be mailed:
      STAAS & HALSEY LLP   Our Docket: __1793.1152__
      Attention: Michael D. Stein
      1201 New York Ave., N.W., Suite 700
      Washington, D.C. 20005

6.   Total number of applications and patents involved: __1__

7.   Total fee (37 CFR 3.41)..................... ($ 40.00 per Assignment)
      __X__   Enclosed
      ____   Authorized to be charged to deposit account.

8.   Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
      (Attach duplicate copy of this page if paying by deposit account)

9.   Statement and signature.
      *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.*

Michael D. Stein, Reg. No. 37,240   January 15, 2003
Name of Person Signing   Signature   Date

                                  Total number of pages including cover sheet: _2_

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**PATENT
REEL: 014895 FRAME: 0612**

U.S. ASSIGNMENT

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

(Insert Name(s) & Address(es) of ASSIGNEE(S))

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

(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
(Title of Invention)

A METHOD AND APPARATUS TO DISPLAY STATUS OF AN OPTICAL RECORDING AND/OR REPRODUCING APPARATUS

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 ;   ~~2004~~ °1. 13   *(Insert date of execution of application, if not concurrent)*

(b) filed on ,

Serial No. ;

> *Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) 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) Dong-han I FF _____   ~~2004~~. °1. 13 .   _____

2) _____   _____   _____

3) _____   _____   _____

4) _____   _____   _____

5) _____   _____   _____

6) _____   _____   _____

7) _____   _____   _____