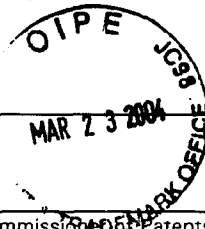


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Execution Date(s): March 23, 2004

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:

(b) The title is: METHOD FOR PROVIDING INFORMATION ON ERRORS OF HARD DISK
DRIVE, HARD DISK DRIVE THEREFOR AND INFORMATION
PROCESSING APPARATUS THEREFOR

OR

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(a) Patent Application No(s). 10/685,709, filed October 16, 2003; or

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

STAAS & HALSEY LLP

Our Docket: 1293.1982

Attention: Michael D. Stein

1201 New York Ave., N.W., Suite 700

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6. Total number of applications and patents involved: 1

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(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 in the invention entitled

METHOD FOR PROVIDING INFORMATION ON ERRORS OF HARD DISK DRIVE, HARD DISK DRIVE THEREFOR AND INFORMATION PROCESSING APPARATUS THEREFOR

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 23 March 2004 (Insert date of execution of application, if not concurrently)

(b) filed on October 16, 2003

Serial No. 10/685,709

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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) Seung-yul JEON
Seung-yul JEON

28/03/2004