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Susumu HASHIMOTO  
Katsuhiko KOUI  
Masashi SAHASHI  
Hitoshi IWASAKIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 23, 2003

## 2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

10/659,299

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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## 6. Total applications and patents involved: 1

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*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.*

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Registration No. 26, 803
  
 Date

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PATENT  
 REEL: 015432 FRAME: 0021

242589US2TTCRD

# Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS.

WHEREAS, I (WE) Susumu HASHIMOTO, Katsuhiko KOUI, Masashi SAHASHI and Hitoshi IWASAKI;  
all c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo, Japan

, respectively,

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: MAGNETORESISTANCE EFFECT ELEMENT,  
MAGNETIC HEAD, AND MAGNETIC REPRODUCING APPARATUS

INSERT DATE  
INVENTORS SIGNED  
DECLARATION

For which an application for Letters Patent was executed on \_\_\_\_\_  
 (Application No. 10/659,299, filed September 11, 2003), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo,  
Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent  
 that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
 acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer  
 unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial  
 possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which  
 may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in  
 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions  
 and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  
 assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,  
 its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  
 entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Oct. 23, 2003

Susumu Hashimoto  
(Signature of Inventor) Susumu HASHIMOTO

Date: Oct. 23, 2003

Katsuhiko Kouji  
(Signature of Inventor) Katsuhiko KOUJI

Date: Oct. 23, 2003

Masashi Sahashi  
(Signature of Inventor) Masashi SAHASHI

Date: Oct 23, 2003

Hitoshi Iwasaki ~~Hitoshi~~  
(Signature of Inventor) Hitoshi IWASAKI

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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RECORDED: 06/04/2004

**PATENT**  
REEL: 015432 FRAME: 0023