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Additional documents or copy thereof.

1. Name of conveying party(ies): **5-27-03**

- 1) Isamu KURIBAYASHI
- 2) Masanori SHIBAHARA
- 3) Hajime UTSUNOMIYA
- 3) Toshiki AOI

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

Name: TDK CORPORATION
 Address: 13-1, Nihonbashi 1-chome
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 Tokyo, 103-8272, JAPAN

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

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

Execution Date: 05-15-03

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

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

10445341

If this document is being filed together with a new application, the execution date of the application is: 05-15-03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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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.

Gregory J. Maier
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Signature
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Registration Number: 25,599

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10914 U.S. PTO
 10/445341
 05/27/03

Assignment of Application

WHEREAS, I (WE) Isamu KURIBAYASHI, Masanori SHIBAHARA,
Hajime UTSUNOMIYA and Toshiki AOI
of c/o TDK CORPORATION of 13-1, Nihonbashi 1-chome,
Chuo-ku, Tokyo, 103-8272, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

_____, respectively,
have invented certain new and useful improvements in: OPTICAL RECORDING MEDIUM

INSERT TITLE
OF INVENTION

for which an application for Letters Patent was executed on May 15, 2003
(Application No. PCT/JP01/10314, filed 27/11/2001), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, TDK CORPORATION

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 13-1, Nihonbashi 1-chome,
Chuo-ku, Tokyo, 103-8272, 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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: May 15, 2003 Isamu Kuribayashi
 (Signature of Inventor) Isamu KURIBAYASHI

Date: May 15, 2003 Masanori Shibahara
 (Signature of Inventor) Masanori SHIBAHARA

Date: May 15, 2003 Hajime Utsunomiya
 (Signature of Inventor) Hajime UTSUNOMIYA

Date: May 15, 2003 Toshiki AOI
 (Signature of Inventor) Toshiki AOI

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

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