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1. Name of conveying party(ies):

Akira SAKAWAKI, Masato KOKUBU, and
Hiroshi SAKAI

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

SHOWA DENKO K.K.

13-9, Shiba Daimon 1-chome. Minato-ku, Tokyo 105-8518 JAPAN

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

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Execution Date: September 25, 2001

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)/Confirmation No.(s)
09/940,853 /5028

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.

Suite 800

Washington, D.C. 20037-3213

6. Total number of applications and registration 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
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Sheldon I. Landsman

Reg. No. 25,430

October 11, 2001

Date

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10/17/2001 GTOW11 00000161 09940853

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PATENT
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ASSIGNMENT

Whereas, we, **Akira SAKAWAKI, Masato KOKUBU and Hiroshi SAKAI**, all of Chiba, JAPAN, hereinafter called assignor(s), have invented certain improvements in
MAGNETIC RECORDING MEDIUM, PROCESS AND APPARATUS FOR PRODUCING THE SAME, AND MAGNETIC RECORDING AND REPRODUCING APPARATUS
 and executed an application for Letters Patent of the United States of America therefor on

September 25, 2001; and

Whereas, **Showa Denko Kabushiki Kaisha**
13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 09/940,853, filed August 29, 2001) the filing date and application number of said application when known.

Date: Sep. 25, 2001 s/ Akira Sakawaki
Akira SAKAWAKI

Date: Sep. 25, 2001 s/ Masato Kokubu
Masato KOKUBU

Date: Sep. 25, 2001 s/ Hiroshi Sakai
Hiroshi SAKAI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)