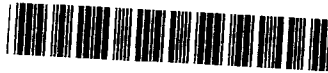


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08-05-2005

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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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**1. Name of conveying party(ies)/Execution Date(s):**Junpei NATSUI  
Yuji TSUZUKI  
Kaoru HAMADA  
Takashi DATEExecution Date(s) 17 December 2004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Nippon Paper Industries Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1-4-1 Oji, Kita-kuCity: Tokyo

State: \_\_\_\_\_

Country: Japan Zip: \_\_\_\_\_Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

01/04/2005 GFREY1 00000106 10519188

04 FC:8021

40.00 OP

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Sherman & Shalloway

Internal Address: \_\_\_\_\_

Street Address: 415 N. Alfred StreetCity: AlexandriaState: Virginia Zip: 22314Phone Number: 703-549-2282Fax Number: 703-836-0106

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**1**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card  
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**9. Signature:**

Signature

Date

Leonard W. Sherman

Name of Person Signing

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
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# ASSIGNMENT

WHEREAS, we, Junpei NATSUI, Yuji TSUZUKI, Kaoru HAMADA, and Takashi DATE all of us residing at c/o Product Development Research Laboratory of Nippon Paper Industries Co., LTD., 5-21-1, Oji, Kita-ku, Tokyo, Japan (hereinafter referred to as INVENTORS), have invented certain new and useful improvement in THERMALLY SENSITIVE RECORDING MEDIUM; for which an application for United States Letter Patent was signed by us on \_\_\_\_\_ and assigned Serial Number \_\_\_\_\_.

WHEREAS, NIPPON PAPER INDUSTRIES CO., LTD., a corporation of JAPAN, having a principle place of business at 1-4-1, Oji, Kita-ku, Tokyo, Japan, (hereinafter referred to as Company), 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 in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, the said Inventors have sold, assigned and transferred, and by the presents do sell, assign and transfer unto said Company, 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 thereof in the United State and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Company, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of the said Company, its successors and assigns.

FURTHER, we agree that we will communicate to said Company or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Company, make all rightful oaths and generally do everything possible to aid said Companies, its successors and assigns, to obtain and enforce proper protection for said Invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand this 17th day of December, 2004.

Signed in the presence of:

Witness: Niraki Tanaka Signed: Junpei Natsui

Witness: Yori Tanaka Signed: Yuji Tsuzuki

Signed: Kaoru Hamada

Signed: Takashi Date