

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Spelling of assignor Shin Suzuki's name previously recorded on Reel 023669 Frame 0970. Assignor(s) hereby confirms the WHEREAS, We, Ken Takagi of Tokyo, Japan, Jun Makihara of Tokyo, Japan, Akihito Ogino of Tokyo, Japan, Kenji Hirai of Tokyo, Japa.																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ken Takagi</td> <td>08/21/2009</td> </tr> <tr> <td>Jun Makihara</td> <td>08/25/2009</td> </tr> <tr> <td>Akihito Ogino</td> <td>08/25/2009</td> </tr> <tr> <td>Kenji Hirai</td> <td>08/21/2009</td> </tr> <tr> <td>Makoto Hasegawa</td> <td>08/27/2009</td> </tr> <tr> <td>Shin Suzuki</td> <td>08/27/2009</td> </tr> <tr> <td>Takeshi Hirose</td> <td>08/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ken Takagi	08/21/2009	Jun Makihara	08/25/2009	Akihito Ogino	08/25/2009	Kenji Hirai	08/21/2009	Makoto Hasegawa	08/27/2009	Shin Suzuki	08/27/2009	Takeshi Hirose	08/27/2009
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<table border="1"> <tr> <td>Name:</td> <td>Nippon Paper Industries Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>4-1, Ohji 1-chome, Kita-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>1140002</td> </tr> </table>		Name:	Nippon Paper Industries Co., Ltd.	Street Address:	4-1, Ohji 1-chome, Kita-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	1140002						
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Application Number:	12593116																
CORRESPONDENCE DATA																	
Fax Number:	(919)419-0383																
Phone:	(919)493-8000																
Email:	cmartin@jwth.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Arles A. Taylor, Jr.																
Address Line 1:	3100 Tower Boulevard																

OP \$40.00 12593116

Address Line 2: University Tower, Suite 1200
Address Line 4: Durham, NORTH CAROLINA 27707

ATTORNEY DOCKET NUMBER: 1680/35

NAME OF SUBMITTER: Carly Martin

Total Attachments: 6
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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

KEN TAKAGI
JUN MAKIHARA
AKIHITO OGINO
KENJI HIRAI
MAKOTO HASEGAWA
SHIN SUZUKI
TAKESHI HIROSE

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

2. Name and address of receiving party(ies)

Name: Nippon Paper Industries Co., Ltd.

Internal Address: _____

Street Address: 4-1, Ohji 1-chome, Kita-ku

City: Tokyo

State: _____

Country: JAPAN Zip: 1140002

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): _____

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License

Other Correction to the spelling of assignor
Suzuki's name: Reel: 023669, Frame: 0970

4. Application or patent number(s):

A. Patent Application No.(s) 12/593,116

This document is being filed together with a new application.

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Arles A. Taylor, Jr.

Jenkins, Wilson, Taylor & Hunt, P.A.

Internal Address: University Tower, Suite 1200

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City: Durham

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Phone Number: 919-493-8000

Fax Number: 919-419-0383

Email Address: ataylor@jwth.com

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
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1036
Expiration Date September 2015

b. Deposit Account Number _____

Authorized User Name _____

Attorney Docket No.: 1680/35

9. Signature:

Arles A. Taylor, Jr.
Signature

06/07/2012
Date

Arles A. Taylor, Jr.
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Dec. 17. 2009 11:47AM

JENKINS WILSON TAYLOR

No. 3438 P. 1/5

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

12/17/2009
700425307

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

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Name: NIPPON PAPER INDUSTRIES CO., LTD.
Internal Address: _____
Street Address: 4-1, Ohji 1-chome, Kita-ku
City: Tokyo
State: _____
Country: Japan Zip: 1140002
Additional name(s) & address(es) attached? Yes No

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b. Deposit Account Number 50-0426
Authorized User Name JENKINS, WILSON, TAYLOR & HUNT, P.A.
Attorney Docket No. 1680/35

9. Signature: Arles A. Taylor, Jr. Signature Date: 12/17/2009
Name of Person Signing: Arles A. Taylor, Jr.
Total number of pages including cover sheet, attachments, and documents: 5

CPI \$40.00 500426 12593116

03 5200 6007

FS08-505 PCT US

PATENTAtty Docket: 1680/35ASSIGNMENT

WHEREAS, We, Ken Takagi of Tokyo, Japan, Jun Makihara of Tokyo, Japan, Akihito Ogino of Tokyo, Japan, Kenji Hirai of Tokyo, Japan, Makoto Hasegawa of Fukushima, Japan, Shin Suzuki of Fukushima, Japan and Takeshi Hirose of Fukushima, Japan (hereinafter "Assignors"), have invented certain new and useful improvements in THERMOSENSITIVE RECORDING MEDIUM for which application for a U.S. Letters Patent was made as a national phase application based on PCT/JP2008/054719 filed 14 March 2008, which claims priority to Japanese Patent Application No.2007-086823 filed 29 March 2007. We hereby authorize and request our attorneys, Jenkins, Wilson, Taylor, & Hunt, P.A., to insert here in parentheses (application number 12/593,116, filed September 25, 2009) the filing date and application number of said application when known.

AND, WHEREAS, NIPPON PAPER INDUSTRIES CO., LTD., a corporation duly organized and existing under the laws of Japan, having its principal office and place of business at 4-1, Ohji 1-chome, Kita-ku, Tokyo 1140002 Japan (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, their entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers

which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 21 day of 8 2009

KEN TAKAGI
Ken TAKAGI

Witnessed by:

Yoshihiro Kurogawa 4th Sep. 2009
Name Date

Noboru Kondo 4th. Sep. 2009
Name Date

Executed this 25 day of 8 2009

Jun MAKIHARA
Jun MAKIHARA

Witnessed by:

Yoshihiro Kurogawa 4th Sep. 2009
Name Date

Noboru Kondo 4th. Sep. 2009
Name Date

Executed this 25 day of 8 2009.

Akihito Oginno
Akihito OGINO

Witnessed by:

Yoshihiro Awogama 4th Sep. 2009

Name Date

Noboru Kondo 4th Sep. 2009

Name Date

Executed this 21 day of 8 2009.

KENJI HIRAI
Kenji HIRAI

Witnessed by:

Yoshihiro Awogama 4th Sep. 2009

Name Date

Noboru Kondo 4th Sep. 2009

Name Date

Executed this 27 day of 8 2009.

Makoto Hasegawa
Makoto HASEGAWA

Yoshihiro Kuroyama 4th Sep. 2009
Name Date

Noboru Kondo 4th. Sep. 2009
Name Date

Executed this 27 day of 8 2009.

Shin Suzuki
Shin SUZUKI

Witnessed by:

Yoshihiro Kuroyama 4th Sep. 2009
Name Date

Noboru Kondo 4th. Sep. 2009
Name Date

Executed this 27 day of 8 2009.

Takeshi Hirose
Takeshi HIROSE

Witnessed by:

Yoshihiro Kuroyama 4th Sep. 2009
Name Date

Noboru Kondo 4th. Sep. 2009
Name Date