

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hiroshi IWASA</td><td>10/25/2011</td></tr><tr><td>Hiroyuki FUCHIOKA</td><td>10/26/2011</td></tr><tr><td>Takeshi KATAYAMA</td><td>10/26/2011</td></tr><tr><td>Ryoichi NAOE</td><td>10/26/2011</td></tr></tbody></table>	Name	Execution Date	Hiroshi IWASA	10/25/2011	Hiroyuki FUCHIOKA	10/26/2011	Takeshi KATAYAMA	10/26/2011	Ryoichi NAOE	10/26/2011	
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Hiroyuki FUCHIOKA	10/26/2011										
Takeshi KATAYAMA	10/26/2011										
Ryoichi NAOE	10/26/2011										
RECEIVING PARTY DATA											
Name:	DAINIPPON SCREEN MFG. CO., LTD.										
Street Address:	Tenjinkita-cho 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto-shi,										
City:	Kyoto										
State/Country:	JAPAN										
Postal Code:	602-8585										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13305375</td></tr></tbody></table>	Property Type	Number	Application Number:	13305375							
Property Type	Number										
Application Number:	13305375										
CORRESPONDENCE DATA											
Fax Number:	(202)756-8087										
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ATTORNEY DOCKET NUMBER:	058604-0083										
NAME OF SUBMITTER:	Stephen A Becker/ksa										
Total Attachments: 2 source=0586040083assigntransmittal#page1.tif source=0586040083assign#page1.tif											

CH \$40.00 13305375

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PATENT
REEL: 027286 FRAME: 0435

RECORDATION FORM COVER SHEET

Docket No.: 058604-0083

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)

Hiroshi IWASA, Hiroyuki FUCHIOKA, Takeshi KATAYAMA, Ryoichi NAOE

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

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **October 25, 2011; October 26, 2011; October 26, 2011 and October 26, 2011 respectively**

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

2. Name and address of receiving party(ies)

Name: **DAINIPPON SCREEN MFG. CO., LTD.**

Internal Address:

Address: **Tenjinkita-cho 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto-shi, Kyoto 602-8585 JAPAN**

4. Application or patent number(s):

A. Patent Application No(s).

- ☒ This document is being filed together with a new application.
 B. Patent No(s).

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

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington, D.C.** State: **DC** Zip: **20005-3096**

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address: **mweipdocket@mwe.com**

6. Total number of applications and patents involved:

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 _____
 Expiration Date _____
 b. Deposit Account Number **500417**
 Authorized User Name _____

9. Signature.

Stephen A. Becker 26,527



November 28, 2011

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **2**

(SAB)

Docket No.: _____

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Hiroshi IWASA (4) Ryoichi NAOE
(2) Hiroyuki FUCHIOKA (5) _____
(3) Takeshi KATAYAMA (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

DAINIPPON SCREEN MFG. CO., LTD. Of

Tenjinkita-cho 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto-shi, Kyoto
602-8585, JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

INKJET PRINTING APPARATUS

(a) for which an application for United States Letters Patent was filed on _____,
and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, the right to all benefits under the International Convention for the Protection of Industrial Property, and all rights for past infringement to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Hiroshi Iwasa</u> Name: <u>Hiroshi Iwasa</u>	<u>10/25/2011</u>
2) <u>Hiroyuki Fuchioka</u> Name: <u>Hiroyuki Fuchioka</u>	<u>10/26/2011</u>
3) <u>Takeshi Katayama</u> Name: <u>Takeshi Katayama</u>	<u>10/26/2011</u>
4) <u>Ryoichi Naoe</u> Name: <u>Ryoichi Naoe</u>	<u>10/26/2011</u>
5) _____ Name: _____	_____
6) _____ Name: _____	_____