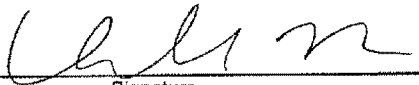


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3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): A. Patent Application No.(s) <div style="text-align: center; font-size: 1.2em;">13/411,666</div> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Donald J. Daley</u> <u>HARNESS, DICKEY & PIERCE, P.L.C.</u> Internal Address: <u>Atty. Dkt.: 6164-000596/US</u> Street Address: <u>P.O. Box 8910</u> City: <u>Reston</u> State: <u>VA</u> Zip: <u>20195</u> Phone Number: <u>(703) 668-8000</u> Fax Number: <u>(703) 668-8200</u> Email Address: <u>dcmalroom@hdp.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
9. Signature: <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">  </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> Signature <u>Donald J. Daley - 34,313</u> Name of Person Signing </div> <div style="text-align: center;"> Date <u>March 5, 2012</u> </div> </div>	8. Payment Information Deposit Account Number <u>08-0750</u> Authorized User Name <u>Donald J. Daley</u> Total number of pages including cover sheet, attachments, and documents: 2

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PATENT
REEL: 027840 FRAME: 0916

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

RICOH COMPANY, LIMITED

3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

IMAGE FORMING APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND

IMAGE FORMING METHOD

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. / _____

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

<p>1) <u>Takayuki Ito</u> (Signature)</p>	<p>Takayuki ITO (Type Name)</p>	<p><u>February 23, 2012</u> (Date)</p>
<p>2) <u>Shigetaka Sakakibara</u> (Signature)</p>	<p>Shigetaka SAKAKIBARA (Type Name)</p>	<p><u>February 27, 2012</u> (Date)</p>
<p>3) _____ (Signature)</p>	<p>_____ (Type Name)</p>	<p>_____ (Date)</p>
<p>4) _____ (Signature)</p>	<p>_____ (Type Name)</p>	<p>_____ (Date)</p>
<p>5) _____ (Signature)</p>	<p>_____ (Type Name)</p>	<p>_____ (Date)</p>