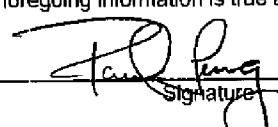


FORM PTO-1595 (Substitute)		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE	
(Rev. 8-96)		PATENTS ONLY		Patent and Trademark Office	
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1. Name of conveying party(ies): Takahiro IKE and Masanori HIRANO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: <u>Ricoh Company, Ltd.</u> Internal Address: _____ Street Address: <u>3-6, Nakamagome 1-chome,</u> <u>Ohta-ku</u> City/State/Zip: <u>Tokyo 143-8555, Japan</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of Conveyance: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Assignment <input type="checkbox"/> Other </div> <div> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </div> </div> Execution Date(s): <u>September 6, 2006 and</u> <u>May 18, 2006</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is (are): _____					
A. Patent Application No.(s) <u>10/584,674; Filed</u> <u>June 26, 2006</u>			B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Ivan S. Kavrukov, Esq.</u> Internal Address: _____ Street Address: <u>Cooper & Dunham LLP</u> <u>1185 Avenue of the Americas</u> City/State/Zip: <u>New York, New York 10036</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR §3.41):\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
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9-27-06

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3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ OtherExecution Date(s): September 13, 2006,
September 13, 2006 and September 13,
2006

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

Name: Ricoh Company, Ltd.

Internal Address:

Street Address: 3-6, Nakamagome 1-chome,
Ohta-ku

City/State/Zip: Tokyo, 143-8555, JAPAN

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

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is (are): September 13, 2006, September 13, 2006 and September 13, 2006

A. Patent Application No.(s)

B. Patent No.(s)

10/594542

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ivan S. Kavrukov, Esq.

Internal Address:

Street Address: Cooper & Dunham LLP
1185 Avenue of the Americas

City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

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Name of Person Signing

Paul Teng

Signature

September 27, 2006

Date

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Appl'n No. 10/584,674; Filed: June 26, 2006
Atty. Docket 2271/76549

Patent Application Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I(we), the undersigned, hereby sell, assign and transfer to RICOH COMPANY, LTD., a corporation of Japan, having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled AN IMAGE-PROCESSING APPARATUS, AN IMAGE-FORMING APPARATUS, AND A PROGRAM, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said

inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Takahiro Ike [L.S.]
TAKAHIRO IKE

Date: September 6, 2006

Witness: Shin Oka

Kyoko Goffi

Masanori Hirano [L.S.]
MASANORI HIRANO

Date: May 18, 2006

Witness: Shin Oka

Kyoko Goffi

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COOPER & DUNHAM LLP

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Patent Application Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I(we), the undersigned, hereby sell, assign and transfer to RICOH COMPANY, LTD., a corporation of Japan, having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled A SEMICONDUCTOR APPARATUS, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent

protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: September 13, 2006 Hideki Agari [L.S.]
HIDEKI AGARI

Date: September 13, 2006 Kohji Yoshii [L.S.]
- KOHJI YOSHII

Date: September 13, 2006 Tsugunori Okuda [L.S.]
TSUGUNORI OKUDA

Witness: [Signature]
[Signature]

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Intellectual and Industrial Property Law including Patent, Trademark, Unfair Competition, Copyright and Antitrust Law. Trials.

EXHIBIT 1

to

REQUEST FOR CORRECTION OF ASSIGNMENT RECORDATION
(Serial No. 10/594,542)

EXHIBIT 2

to
REQUEST FOR CORRECTION OF ASSIGNMENT RECORDATION
(Serial No. 10/594,542)