(10/10/2007)

Assignment

Other

Name:

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Fax Number: Email Address:

9. Signature:

Security Agreement

A. Patent Application No.(s) 11/855,883

1. Name of conveying party(ies):

Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance/Execution Date(s):

Government Interest Assignment

4. Application or patent number(s):

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

Internal Address: Atty. Dkt.: C8391.0018/P018 Street Address: 1825 Eye Street, NW

Mark J. Thronson - 33,082

Name of Person Signing

Signature



To the Director of the U.S. Patent and Trademark Office: Plea

Mitsuo Suzuki (10/10/2007) and Shigeaki Imai

Execution Date(s): in parentheses after inventor name

Executive Order 9424, Confirmatory License

## 11-01-2007



DEPARTMENT OF COMMERCE tates Patent and Trademark Office

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eying party(ies):	2. Name and address of receiving party(ies)		
(10/10/2007) and Shigeaki Imai	Name: Ricoh Company, Ltd.		
	Internal Address:		
onveying party(ies) attached? Yes X No	Street Address:		
eyance/Execution Date(s):	3-6, Nakamagome 1-chome		
in parentheses after inventor name	Ohta-ku, Tokyo 143-8555		
Merger Change of Name	JAPAN		
ment Joint Research Agreement	City:		
terest Assignment	State:		
er 9424, Confirmatory License	Country: Zip:		
	Additional name(s) & address(es) Yes X No attached?		
patent number(s): ion No.(s) ,883	This document is being filed together with a new application.  B. Patent No.(s)		
Additional numbers attached?	Yes X No		
ss to whom correspondence ment should be mailed:	6. Total number of applications and patents involved:		
Mark J. Thronson			
DICKSTEIN SHAPIRO LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
ty. Dkt.: C8391.0018/P018	Authorized to be charged by credit card		
25 Eye Street, NW	Authorized to be charged to deposit account		
	Enclosed		
	None required (government interest not affecting title)		
Washington	8. Payment Information		
DC Zip: 20006-5403	a. Credit Card Last 4 Numbers1002		
(202) 420-4742	Expiration Date 01/11		
(202) 420-2201	b. Deposit Account Number		
ThronsonM@dicksteinshapiro.com			
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Total number of pages including cover

sheet, attachments, and documents:

DSMDB-2341396v01

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## **ASSIGNMENT**

THIS ASSIGNMENT, by Mitsuo SUZUKI and Shigeaki IMAI (hereinafter referred to as "Assignors"), residing at Kawasaki-shi, Kanagawa, Japan and Zama-shi, Kanagawa, Japan, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in OPTICAL SCANNING APPARATUS AND IMAGE FORMING APPARATUS, set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, Ricoh Company, Ltd. (hereinafter referred to as "Assignee"), having offices at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with

PATENT REEL: 020055 FRAME: 0321 any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Director of the United States Patent and Trademark Office to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with Customer Number 24998 (Dickstein Shapiro LLP).

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

October 10, 2007	<u>Mitsuo Scizufri</u> Mitsuo SUZUKI
Date	Mitsuo SUZUKI
October 10, 2007	Shigeaki Qmai
Date	Shigeaki IMAI
Date	
Date	
October 10, 2007  Date	Junich' I heda Witness
October 10, 2007	noriaki Ojima
Date	Witness

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**RECORDED: 10/26/2007**