Form PTO-1595

**REC**(



HEET

U.S. Department of Commerce Patent and Trademark Office

To the Honorable Comm	issioner of Patents and Trademarks: Please	record the attached original documents or copy thereof		
Name of conve		2. Name and address of receiving party(ies):		
Mitsuru Ohgake	MID	Name: Ricoh Company, Ltd.		
	MND 8.11.00	Internal Address:		
Additional name(s party(ies) attache		Street Address: 3-6,Nakamagome 1-chome, Ohta-ku,		
<ol><li>Nature of Conv</li></ol>	veyance:			
x Assignment	Merger	City: Tokyo		
Security Agree	ement Change of Name	State: Zip: 143-8555		
Other	_	Country: Japan		
Execution Date(s		Additional name(s) & Yes address(es) attached?		
4. A !! !!	09/037795			
• •	mber(s) or patent number(s): t is being filed together with a new appli	cation		
	ate(s) of the new application is (are):	7/17/00		
A. Patent Applica	ation No.(s):	B. Patent No.(s):		
		Additional numbers attached? Yes X No		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:		
Name: DICKSTEIN	I SHAPIRO MORIN & OSHINSKY LLP	7. Total fee (37 C.F.R 3.41) \$ \$40.00		
Internal Address:	Atty. Dkt.: R2184.0083/P083	x Enclosed		
Attı	n: Mark J. Thronson	Authorized to be charged to deposit account		
Street Address:	2101 L Street NW	x Credit any overpayment or debit any underpayment		
City: Washington	State:         Zip:           DC         20037 - 1526	8. Deposit account number: 4 - 1073		
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9. Statement an	d signature.			
	- \	oing information is true and correct and any attached		
	copy of the original document	7.		
Mark J. Thro	nson MAT	August 11, 2000		
	Signature	Date		
Reg. No. 33,082				
Total number of pages including cover sheet, attachments, and document: 4				

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by	MITSURU OHGAKE
and	(hereinafter referred to as
"Assignors"), respectively residing at: Ch	iba, Japan
and	
WHEREAS, Assignors have inven	ted certain new and useful improvements in
RECORD MEDIUM WITH MECHANISM	OF SECRECY PROTECTION
set forth in an application for Letters Pate	nt of the United States, executed concurrently
herewith: and	•

WHEREAS, Ricoh Company, Ltd., a corporation organized under and pursuant to the laws of Japan, having its principal place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan (hereinafter referred to as "Assignee"), 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 which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for

PATENT REEL: 011010 FRAME: 0054 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 Assignor, 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 application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions, 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 Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions

PATENT REEL: 011010 FRAME: 0055 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:

## Dickstein Shapiro Morin & Oshinsky LLP

Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28371; Donald A. Gregory, 28,954; James W. Brady, Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence D. Fisher, 37, 131; John R. Fuisz, 37327; Juliana Haydoutova, P43,313; James M. Heintz, P41,828; Herbert V. Kerner, P42,721; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell, III, 39,803; James M. Silbermann, 40,413; Richard Veltman, 36,957 and Darius Gambino, 41,472.

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

Date: July 17, 2000	Assignor: Mitsuru (hgake MITSURU OHGAKE
Date:	Assignor:
Date:	Assignor:
Date:	Assignor:
Witnesses:	
Date: July 17, 2000	Witness: Callil Sh
Date: July 17, 2000	Witness: Curfortist
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**RECORDED: 08/11/2000** 

PATENT REEL: 011010 FRAME: 0056