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Nobuaki ONAGI, Hiroko TASHIRO, Kiyoto SHIBATA Yasutomo AMAN, Hiroshi MIURA, Wataru OHTANI, Hajime YUZURIHARA and Masaru SHINKAI	Address: 3-6, Nakamag	ome 1-chome, YO 143-8555 JAPAN		
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3. Nature of Conveyance:	□ Yes ⊠ No			
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Execution Date: February 28, 2000	L. L			
4. Application number(s) or patent number(s):	ATFAIT & TO			
If this document is being filed together with a new applicat	ion, the execution date of the applic	ation is:		
A. Patent Application No.(s)	B. Patent No.(s)	B. Patent No.(s)		
09/498,375				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applica	tions and patents involved:		
OBLON, SPIVAK, McCLELLAND,	7. Total fee (37 CFR 3.41)	:\$ 40.00		
		⊠ Enclosed		
MAIER & NEUSTADT, P.C. Attorneys at Law	⊠ Enclosed			
Attorneys at Law Fourth Floor		rged to deposit account		
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PATENT REEL: 010873 FRAME: 0748

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE) Kazunori ITO, Katsunari HANAOKA,
	Hiroshi DEGUCHI, Nobuaki ONAGI, Hiroko TASHIRO,
YSERT NAMES ND RESIDENCE	
DORESSES OF HE INVENTORS:	Kiyoto SHIBATA, Yasutomo AMAN, Hiroshi MIURA,
	Wataru OHTANI, Hajime YUZURIHARA and Masaru SHINKAI of
	c/o Ricoh Co., Ltd., 3-6, Nakamagome 1-chome, Ohta-ku,
	TOKYO 143-8555 JAPAN
	, respectively,
SERT TITLE	have invented certain new and useful improvements in:
F INVENTION:	
	OPTICAL DEVICE SUBSTRATE FILM-FORMATION APPARATUS. OPTICAL DISK
	SUBSTRATE FILM-FORMATION METHOD, SUBSTRATE HOLDER MANUFACTURE
	METHOD, SUBSTRATE HOLDER. OPTICAL DISK AND A PHASE-CHANGE
	RECORDING TYPE OF OPTICAL DISK
SERT DATE IN-	Fahruary 29 2000
ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on February 28, 2000
	(Application No. 09/498, 375 , filed February 4, 2000), and
ISERT NAME ND ADDRESS OF OMPANY OR	WHEREAS, RICOH COMPANY, LTD.
THER ASSIGNEE:	(hereinafter referred to as "ASSIGNEE") having a place of business 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 invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
	NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters

Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continua-

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tions, substitutions and renewals thereof.

PATENT REEL: 010873 FRAME: 0749 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date:	Feb.	28,	2000	Signature of Inventor) Kazunori ITO
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Date:_	Feb.	28,	2000	Historian Hanaoka
				(Signature of Inventor) Katsunari HANAOKA
Date:_	Feb.	28,	2000	(Signature of Inventor) Hiroshi DEGUCHI
				(Signature of Inventor) Hiroshi DEGUCHI
Date:_	Feb.	28,	2000	Signature of Inventor) Nobuaki ONAGI
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Date:_	Feb.	28,	2000	(Signature of Inventor) Hiroko TASHIRO
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Date:_	Feb.	28,	2000	Harine Miguillara (Signature of Inventor) Hajime YUZURIHARA
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Date	Feb.	28,	2000	Masaru Shinkai
Date	·			(Signature of Inventor) Masaru SHINKAI

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