07-27-1999

**FORM PTO-1595** 1-31-92

**V01 FC:581** 

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If this document is being filed together with a new ap	plication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/310,131	
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5. Name and address of party to whom corresponder concerning document should be mailed:	6. Total number of applications and patents involved:  1
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	<ul> <li>7. Total fee (37 CFR 3.41):\$ 40.00</li> <li>■ Enclosed</li> <li>□ Authorized to be charged to deposit account</li> <li>8. Deposit account number: 15-0030</li> </ul>
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PATENT REEL: 010112 FRAME: 0599

	WHEREAS, I (XWEX) Makoto KINOSHITA
SERT NAMES	
ID RESIDENCE DRESSES OF IE INVENTORS:	of c/o RICOH MICROELECTRONICS COMPANY, LTD., 10-3,
	Kitamura, Tottori-shi, Tottori-ken 680-1172, Japan
	, respectively,
ERT TITLE INVENTION:	have invented certain new and useful improvements in: OPTICAL IMAGE FORMING METHOD AND DEVICE, IMAGE FORMING APPARATUS AND ALIGNER
ERT DATE IN- NTORS SIGNED	FOR LITHOGRAPHY , Tuly 5 1999
CLARATION:	for which an application for Letters Patent was executed on July 5, 1999
ERT NAME	(Application No09/310, 131, filedMay 12, 1999), and
D ADDRESS OF MPANY OR HER ASSIGNEE:	WHEREAS, RICOH MICROELECTRONICS COMPANY, LTD.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 10-3, Kitamura,
	Tottori-shi, Tottori-ken 680-1172, 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,

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, continuations, substitutions and renewals thereof.

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.

EXECUT	ED AT: Tottori, Japan
Date! July 5, 1999	maketo kineshita (Signature of Inventor) Makoto KINOSHITA
Date:	(Signature of Inventor)
Date:	Common Clarifornia

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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