FORM PTD-1595 1-31-92 7.02.31		U.S. DEPARTMENT OF C			
To the Honorable Commissioner of Patents 101769894 original documents or copy thereof.					
1. Name of conveying party(ies):  Motonobu KOUROGI and Motoichi OH7SU  JUL 0 2 2001		Name and address of receiving party(ies):     Name: RICOH COMPANY, LTD.  Address: 3-6, Nakamagome 1-chome, Ohta-ku			
Additional name(s) of conveying party(ies) and  3. Nature of Conveyance:  Assignment	Addition and application, the execution	Tokyo 143-8555, Japan  onal name(s) and address(es) attached? □Ye.  on date of the application is:  ent No.(s)	s ■No		
09/784,000 Ad	ditional numbers attached?	□Yes ■No	***		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total applications and patents involved: 1			
22850		7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account  8. Deposit account number: 15-0030			
	DO NOT USE THIS SI	duplicate copy of this page if paying by deposit account PACE	11)		
9. Statement and signature					
To the best of my knowledge and belief, the for the original document.  Marvin J. Spivak	regoing information is true		e copy of		
Name of Person Signing Registration Number: 24,913	Suringer Sa Registration No	e achar 0. 34,423			
Total number of pages including this cover sheet: 3					
Mail documents to be recorded with required co	Do not detach this por over sheet information to: nmissioner of Patents and Box Assignments Washington, D.C. 20	Trademarks s			
06/2001 TD:AZ1 00000126 09784000 C:581 40.00 0P					

07-09-2001

Atty Docket No.: 203342US2

PATENT REEL: 011945 FRAME: 0186

	WHEREAS, I (WE) MOTONOBU KOUROGI and MOTOICHI OHTSU					
SERT NAMES ID RESIDENCE DDRESSES OF IE INVENTORS:	of Kanagawa, Japan and					
	Tokyo, Japan					
	, respectively					
SERT TITLE	have invented certain new and useful improvements in: INTERFERENCE DETECTING					
	APPARATUS AND TOMOGRAPHY APPARATUS					
SERT DATE IN- INTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on April 27, 2001					
	(Application No09/784,000, filedFebruary 16, 2001), and					
SERT 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 it 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, continuations, substitutions and renewals thereof.

1/95

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:	April 27,2001	Inotorobu	Hourogi
		(Signature of Inventor)	MOTONOBU KOUROGI
Date:_	April 27, 2001		cth
		(Signature of Inventor)	MOTOICHI OHTSU
Date:_			
		(Signature of Inventor)	
Date:_			
		(Signature of Inventor)	
Date:_			
		(Signature of Inventor)	
Date:_		(Signature of Inventor)	<del></del>
Date:			
		(Signature of Inventor)	
Date:_		(Signature of Inventor)	

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

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

Attest:

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RECORDED: 07/02/2001

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