Atty Docket No.:

271837US-2



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kazuhiro YAMADA Name: RICOH COMPANY, LTD. Hideaki KAWASAKI Address: 3-6, Nakamagome 1-chome Ohta-ku, Tokyo 143-8555, JAPAN Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Execution Date: May 13, 2005 Additional name(s) and address(es) attached?

Yes No 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gregory J. Maier Name of Person Signing Surinder Sachar Registration Number: 25,599 Registration No. 34,423 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office **Mail Stop Assignment Recordation Services** Alexandria, Virginia. 22313 05/16/2005 HGUTEMA1 00000101 11128367 05 FC:8021

> PATENT REEL: 016566 FRAME: 0907

Assignment of Application

IT NAMES	WHEREAS, I (WE) Kazubiro YAMADA, re	esiding at Kanagawa, JAPAN	
MATERIAL SECTION SECTI	Hideaki KAWASAKI, r	residing at Kanagawa, JAPAN	
			 -
		, tes	pectively
TITLE OF	have invented certain new and useful improve	ements in: PROVIDING GEOGRAPHICAL DATA IN RESPON	ISE TO
LISCS#	A REQUEST FROM A COMMUNICATION		
	(Application No.	, filed May 13, 2005), and
SANG DORESSOP UNICE ASSIGNEE	WHEREAS, RICOH COMPANY, LTD	D	
	(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;		

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.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions

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.

PATENT

REEL: 016566 FRAME: 0908

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 reissne 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 1940 Duko Street, Alexandria, Virginia 22314 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:	COQ5 (Signature of Invest	Kazuhiro YAMADA	yamada
Date: May 13.2	005 (Signange of Inven	Hideahi Ka	
Date:	(Signature of Invent	Hideales Ka	HK
Date:	(Signature of Invest	or)	
Date:	(Signature of Investo	or)	
Date:	(Signature of Invog)		

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RECORDED: 05/13/2005

PATENT REEL: 016566 FRAME: 0909