Atty Docket No.: 243019US2 FORM PTO-1595 1-31-92



02-18-2004



S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Off

To the Director of the United States Patent and Trademark Off.	102670545	nents or copy thereof.		
1. Name of conveying party(ies): Hiroyuki MATSUSHIMA	2. Name and address of receiving party(ies):			
Hiroyuki MATSUSHIMA	Name: RICOH COMPANY, LT	D.		
	Address: 3-6, Nakamagome 1-cho 143-8555, Japan	me, Ohta-ku, Tokyo		
Additional name(s) of conveying party(ies) attached? Yes No	, ,			
3. Nature of Conveyance:				
Assignment				
☐ Security Agreement ☐ Change of Name ☐ Other				
Execution Date: October 20, 2003	Additional name(s) and address(es)	attached? 🗆 Yes 🖿 No		
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the e	xecution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
10/665,745				
Additional numbers attach	ed? 🗆 Yes 📕 No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents in	volved:		
Contained Name	7. Total fee (37 CFR 3.41): \$40.0	0		
Customer Number	Enclosed			
22850 Tel. (703) 413-3000	☐ Authorized to be charge	-		
Fax. (703) 413-2220	8. Deposit account number: 15-00 (Attach duplicate copy of this page if payin			
DO NOT USE TI	HIS SPACE			
9. Statement and signature				
To the best of my knowledge and belief, the foregoing information copy of the original document.	is true and correct and any attache			

Marvin J. Spivak

Name of Person Signing

Joseph A. Scafetta, Jr.

Registration No. 26, 803

Total number of pages including this cover sheet: 3

2/17/2004 ECOOPER 00000049 10665745

Registration Number: 24,913

01 +6:8021------40:00 OP-----

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

I:\USER\MICKS\2438\243019US PTO 1595.DOC

PATENT REEL: 014973 FRAME: 0239

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) HIROYUKI MA	TSUSHIMA			
NSERT NAMES IND RESIDENCE						
DDRESS OF HE INVENTORS:		of Kanagawa, Ja	pan			
						
			· · · · · · · · · · · · · · · · · · ·			
NSERT TITLE OF INVENTION:					, resp	ectively,
	have invented certa	in new and useful impr	ovements in: COM	MIINICATION SYST	EM IMPLEMENTING A	
nsert date in- Ventors signed	PLURALITY OF C	OMMUNICATION APPA CHANGING OPERATION	RATUSES AS COM	MUNICATION CLU	ENT AND COMMUNICATION)N
DECLARATION:		ation for Letters Patent				
NSERT NAME IND ADDRESS OF COMPANY OR OTHER ASSIGNEE	(Application No.	10/665,745		September 22, 20	 02) an
		 		September 22, 20	03), an
	WHEREAS,	RICOH COMPANY,	LTD.			
	(hereinafter referre	d to as "ASSIGNEE") I	naving a place of bu	siness at: 3-6, Nal	amagome 1-chome, Ohta-l	cu,
	Tokyo 143-8555,	Iapan				
	is desirous of acqui may be granted the	iring the entire right, tit refore in the United Sta	le and interest in ar tes and its territoria	nd to said invention Il possessions and in	and in and to any Letters P any and all foreign countri	atent tha

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.

10/01

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 1940 Duke 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: October 20, 2003	Pouroguki	Matsushima
Date:	(Signature of Inventor)	HIROYUKI MATSUSHIMA
Dota	(Signature of Inventor)	
Date:	(Signature of Inventor)	
	(Signature of Inventor)	
Date:	(Signature of Inventor)	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Attest:

authorite - An

10/01

PATENT REEL: 014973 FRAME: 0241

RECORDED: 02/11/2004