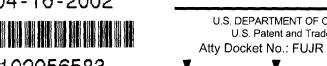
04-16-2002



OMB No. 0651-0027 (exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Atty Docket No.: FUJR 19.571



	583 <u>v v v</u>
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Masayuki YAMANAKA	Name and address of receiving party(ies) Name: Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance:	
Assignment 🖳 Merger	1-1 Kamikodanaka 4-chome
Security Agreement	Street Address: Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
Other	
	City:State:Zip:
Execution Date:	Additional name(s) & address(es) attached? 🖵 Yes 📮 No
4. Application number(s) or patent number(s):	March 1, 2002
If this document is being filed together with a new appli	cation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers att	ached? 📮 Yes 📮 No
	6. Total number of applications and patents involved:
concerning document should be mailed: Rosenman & Colin LLP Name:	7. Total fee (37 CFR 3.41)\$\$
IP Department 15th Fl.	Enclosed
Internal Address:	Authorized to be charged to deposit account
	8. Deposit account number:
575 Madison Avenue Street Address:	50-1290
New York 10022-2585 City:State:Zip:	(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 is a true copy of the original document. Brian S. Myers	information is true and correct and any attached copy March 26, 2002
Name of Person Signing	Signature Date
	er sheet, attachments, and documents:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 012781 FRAME: 0200

ASSIGNMENT

Docket NoFUJR 19.571 WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: COMMUNICATION SYSTEM for which (check one) & I an application is being filed concurrently herewith. [] an application for a Patent of the United States was filed on ______ and given Application Serial No. and WHEREAS, ___ FUJITSU LIMITED having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all courtries.

I dil liallic of soic of first	inventor Masayuki YAMANAKA
Inventor's Signature	Morsonyuki Younguakor Date Mar. 1, 2002
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Post Office Address c/	FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Ka	nagawa 211-8588 Japan
Full name of second joint	inventor, if any
Second Inventor's Signati	
Full name of second joint Second Inventor's Signate Residence_ Post Office Address	ire Date

RECORDED: 03/26/2002

PATENT REEL: 012781 FRAME: 0201