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S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	9	}	
Docket No.: FUSA 19.314	9	36	
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Tab settings ⇔ ⇔ ♥ ▼ ▼	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	Please record the attached original documents or copy thereof.	
Name of conveying party(ies):  Masatsugu SHIMIZU	Name and address of receiving party(ies)     FUJITSU LIMITED  Internal Address:	
	Internal Address.	
Additional name(s) of conveying party(ies) attached? 🌄 Yes 🛂 No		
3. Nature of conveyance:		
Assignment 📮 Merger	1-1, Kamikodanaka 4-chome Street Address:	
☐ Security Agreement ☐ Change of Name	Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
Q Other	City:State:Zip:	
December 19, 2001  Execution Date:	Additional name(s) & address(es) attached?  Yes  No	
4. Application number(s) or patent number(s): 10 03つ	836	
	January 3, 2002 ication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers at	l tached? ☐ Yes ☐ No	
5. Name and address of party to whom correspondence 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. Internal Address:	Enclosed	
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575 Madsion Avenue Street Address:	50-1290	
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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.  Samson Helfgott  January 3, 2002		
Name of Person Signing	Signature   Date	
Total number of pages including cover	er sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to: 037836 commissioner of Patents & Trademarks, Box Assignments

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Washington, D.C. 20231

## **ASSIGNMENT**

	FUSA 19.314 Docket No
WHEREAS the below n	amed inventor, ASSIGNOR, has made a certain new and useful invention in:
TRANSCI	EIVER APPARATUS AND TRANSCEIVING METHOD IN COMMUNICATION
SYSTEM	
for which	
(check one)	[V] an application is being filed concurrently herewith,
	and given Application Serial No
and WHEREAS, FUJ	
having a place of business	at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki- gawa 211-8588 Japan ASSIGNEE
	ASSIGNEE entire right, title and interest in, to and under the said invention and the said application.
receipt of which is hereby assign, transfer and set over under the said invention, a States which may be grant limitation, all applications to the United States, togeth States application under the international agreement or property protection, includin any country or countries.  ASSIGNOR authorized to the United States application to the United States application under the international agreement or property protection, including any country or countries.	ORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, er, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United ed thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign ner with the right to file such applications and the right to claim for the same the priority rights derived from said United at Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial ing, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in foreign to the United States and all extensions, renewals and reissues thereof;  Interior and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or ited States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;
ASSIGNOR coverexecute, any agreement in	enants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not conflict herewith; and
assigns, any facts known re reissue and foreign applicat	ther covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and especting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, tions, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal, to obtain and enforce proper protection for said invention in all countries.
	rst inventor Masatsugu Shimizu
Inventor's Signature	Munday Shimiya Date Dec. 19, 2001
Residence Kawasa Post Office Address Kawasaki-s	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, shi, Kanagawa 211-8588 Japan
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Full name of second jo	pint inventor, if any
Second Inventor's Sigr Residence	nature Date
Post Office Address_	Citizenship
Full name of third join	t inventor, if any
Third Inventor's Signa Residence	ture Date
Office Address	Citizenship
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