06-04-2001 FORM PTO-1619A **U.S. Department of Commerce** Patent and Trademark Office OMB 0651-0027 **PATENT** 101737517 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type X New **Assignment** Security Agreement Resubmission (Non-Recordation) License **Change of Name** Document ID# Correction of PTO Error Merger Other Reel# Frame # U.S. Government **Corrective Document** (For Use ONLY by U.S. Government Agencies) Reel # Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year Name (line 1) Kanta YAMAMOTO 05 09 01 Name (line 2) Execution Date Month Day Year Second Party Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached Name (line 1) FUJITSU LIMITED If document to be recorded is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic Address (line 1) 1-1, Kamikodanaka 4-chome representative is attached. (Designation must be a separate document from Address (line 2) Nakahara-ku, Kawasaki-shi Assignment.)

Japan State/Country

05/30/2001 HLE333 00000039 09864995

Address (line 4)

Address (line 3)

FOR OFFICE USE ONLY

02 FC:501

40.00 DP

Kanagawa

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

211-8588

REEL: 011847 FRAME: 0095

FORM PTO-1 Expires 06/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Corresponder	nt Name and Addres	S Area Code and Telephone Nun	nber (212)643-5000		
Name []	Helfgott & Karas, P.C.				
Address (line 1)	Empire State Building				
Address (line 2)	60th Floor				
Address (line 3)	New York, New York 101	18			
Address (line 4)	Attorney Docket No.: FUSA 18.695				
Pages Enter the total number of pages of the attached conveyance document including any attachments.					
Application Number(s) ar Patent Number(s) Mark if additional numbers attached					
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s)					
19/864995	nt Application Number(s				
,					
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was <u>Month Day Year</u> signed by the first named executing inventor.					
Patent Coope	eration Treaty (PCT)	PCT PCT	PCT		
	PCT application number	r			
	f a U.S. Application Numot been assigned.	nber PCT PCT	PCT		
Number of Properties Enter the total number of properties involved. #					
Fee Amount	Fee Amo	unt for Properties Listed (37 CFR 3.	41): \$ 40.00		
Method of Payment: Enclosed X Deposit Account Deposit Account					
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 08-1634					
		Authorization to charge additional fe	es: Yes X No		
Statement an	d 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. Charges to deposit account are authorized, as indicated herein.					
	mson Helfgott	A / / \	5/24/01		
Name of Person Signing Signature					
L	1.17.41				

PATENT REEL: 011847 FRAME: 0096

Docket No. FUSA 18.695

ASSIGNMENT

	ow named inventor, ASSIGNOR, has made a cer ANSMITTING APPARATUS	rtain new and useful invention in :
for which		•
(check one) [v]	an application is being filed concurrently herew	vith,
[]	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 bu	isiness at 1-1, Kamikodanaka 4-	chome, Nakahara-ku, Kawasaki-
shi, Kana	gawa 211-8588 Japan ning the entire right, title and interest in, to and u	, ASSIGNEE
is desirous of obtain	ning the entire right, title and interest in, to and u	nder the said invention and the said application:
valuable considerate ferred and set over, successors, legal regaid United States a which may be graportection, includin filed for said inversapplications and the Patent Laws of the international agreement and all forms of in cates and designs wall extensions, rene ASSIGNOR at Official of any cout forms of industrial successors, legal resuccessors, legal resuccessors, legal resuccessors, and set over the successors of the s	ion, the receipt of which is hereby acknowledge, and by these presents does hereby sell, assign, presentatives and assigns, the entire right, title are application and all divisions, renewals and continued thereon and all reissues and extensions to ge, without limitation, all applications for patents attion in any country or countries foreign to the cright to claim for the same the priority rights of the United States, the International Convention for ment or the domestic laws of the country in which dustrial property protection, including, without which may be granted for said invention in any evals and reissues thereof; uthorizes and requests the Commissioner of Patentry or countries foreign to the United States, will property protection on applications as aforest presentatives and assigns, in accordance with the IOR covenants and agrees that he has full right	to convey the entire interest herein assigned, and has
AND ASSIGN legal representative lawful papers, exect do everything poss	es and assigns, any facts known respecting said i	communicate to the said ASSIGNEE, its successors, invention, and testify in any legal proceeding, sign all applications, make all rightful oaths, and generally egal representatives and assigns, to obtain and enforce
Full name of sole of	or first inventor Kanta Yamamoto	
	e Kanta Jananate	Date May 09, 2001
	asaki, Japan	Citizenship Japanese
		, Kamikodanaka 4-chome,
	Nakahara-ku, Kawasaki-sh	i, Kanagawa 211-8588 Japan
Full name of secon	d joint inventor, if any	D.
Second Inventor's	signature	Date
		Citizenship
Post Office Addres		
Full name of third	joint inventor, if any	
Third Inventor's s	ignature	Date

RECORDED: 05/24/2001

PATENT REEL: 011847 FRAME: 0097