FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

11-1-

10-10-2000



101482157

RECORDATION FORM COVER SHEET

U.S. Department of Commerce Patent and Trademark Office PATENT



MRD 9(25/00 PATENTS ONLY						
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).						
Submission	Туре	Conveya	ance]	Гуре (29/100	8945
X New		X Assi	gnmen	Secur	ity Agreemen	nt
Resubmis Documen	ssion (Non-Recordation) t ID#	Lice	nse	Chang	e of Name	
Reel #	n of PTO Error Frame #	Merg		U.S. Gove	rnment	
Reel #	Prame #		(F	or Use ONLY by U.S. G Departmental File	—-ī	ecret File
Conveying P	Party(ies)	Mark	if addition	onal names of conve	ying parties att	CXecuton Date
Name (line 1)	Katsue KOЛMA					9/12/00 Year
Name (line 2)						1
Second Party						Execution Date Month Day Year
Name (line 1)	Yasuhiro UCHIDA					9/12/00
Name (line 2)						
Receiving Pa	arty			Mark if additional	names of receiv	ving parties attached
Name (line 1)	FUJITSU LIMITED					If document to be recorded is an assignment and the receiving party is not
Name (line 2)						domiciled in the United States, an appointment
Address (line 1)	1-1, Kamikodanaka 4-chome, Na	kahara-ku,				of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)	Kawasaki-shi,					Assignment.)
Address (line 3)	Kanagawa City	Si	Japa ate/Count		211-8588 Zip Code	3
Domestic Re	epresentative Name and Ad			ter for the first Recei	ving Party only	1.
Name	Historia de la companya della companya de la companya de la companya della compan					
Address (line 1)	(-)					
Address (line 2)						
Address (line 3)						
Address (line 4)						
		OR OFFICE	USE C	NLY		

Public burden reporting for this collection of information is estimated to average approximately 30 milnutes 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 (9651-0027), 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

REEL: 011130 FRAME: 0193

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce	•
Patent and Trademark Office	U
PATENT	

Conveying Pa	rty(ies)	rk if additional names of conveying parties attach	ed &
Enter additional C			Execution Date O
Name (line 1)	ınehiro DATE		9/12/00
Name (line 2)			Execution Date
Name (line 1)	shiyuki AKITA		Month Day Year 9/12/00
Name (line 2)			Execution Date Month Day Year
Name (line 1)			
Name (line 2)			
Receiving Pa	ty(ies)	Mark if additional names of receiving	parties attached
_	eceiving Party(ies)		
Name (line 1)			If document to be recorded is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment
Address (line 1)			of a domestic representative is attached. (Designation must be a separate document from
Address (line 2)			Assignment.)
Address (line 3)	City	State/Country Zij	o Code
Name (line 1)			if document to be recorded is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment of a domestic representative is
Address (line 1)			attached. (Designation must be a separate document from Assignment.)
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code
Application N	umber(s) or Patent Number	r(s) Mark if additional numbers attac	hed
Enter either the	Patent Application Number or the Paten	It Number (DO NOT ENTER BOTT Hambers of	umber(s)
Pa	tent Application Number(s)		

PATENT

REEL: 011130 FRAME: 0194

FORM	PTO-1619B
Expires 06/3	30/99
OMB 0651-	002 7

Page 2

U.S. Department of Commerce Patent and Trademark Office

<u> </u>	ı		
4	2		
			00
7.0	6		2
	2	E	7
Ģ	6		2
≺			

OMB 0651-0027		PATENT	
Correspondent Name and Address	Area Code and Telephone Number	(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 10113	8		
Address (line 4) Attorney Docket No.: FUJI	H 17.788		
Pages Enter the total number of procluding any attachment	pages of the attached conveyance docume s.	ent # 3	
Application Number(s) or Patent Nu		Iditional numbers attached	
Enter either the Patent Application Number or th	e Patent Number (DO NOT ENTER BOTH numbers fo	or the same property).	
Patent Application Number(s)	Patent	Number(s)	
If this document is being filed together with a new Pasigned by the first named executing inventor.	atent Application, enter the date the patent application	n was Month Day Y	ear
Detact Connection Treaty (PCT)			
Patent Cooperation Treaty (PCT)	PCT PCT	РСТ	
Enter PCT application number			
only if a U.S. Application Numb	Der PCT PCT	PCT	
has not been assigned.			
Number of Properties Enter the	total number of properties involved. #	1	
Fee Amount Fee Amour	nt for Properties Listed (37 CFR 3.41): \$	40.00	
Democit Account	closed X Deposit Account		
(Enter for payment by deposit account or if a	ndditional fees can be charged to the account.) Deposit Account Number: #	08-1634	1
	Authorization to charge additional fees:	Yes X No	
Statement and Signature			
	belief, the foregoing information is true an	nd correct and any	.
10 the best of thy knowledge that	belief, the foregoing information is that the dispersion of the position of the control of the c	account are autnorized, a	23
indicated herein.			
	() () () () () () () () () ()	9/25/00	
Aaron B. Karas	Levery and	Date	
Name of Person Signing	Signature	Date	

ASSIGNMENT

Docket No. 474 17 788

DATA MANAGEMI	ENT APPARATUS OF SWITCHING SY	STEM
for which		
(check one) [x] an	application is being filed concurrently here	-with
	application for a Patent of the United State	•
	d given Application Serial No.	·
	JJITSU LIMITED	
naving a place of busine Kanagawa, 211-8		me, Nakahara-ku, Kawasaki-shi, ,ASSIGNEE
		under the said invention and the said application:
valuable consideration, ferred and set over, and successors, legal repressaid United States appliable which may be granted protection, including, we filed for said invention applications and the riginaternational agreement and all forms of industrates and designs which all extensions, renewals ASSIGNOR author forms of industrational of any country forms of industrial pro-	the receipt of which is hereby acknowled by these presents does hereby sell, assignentatives and assigns, the entire right, title action and all divisions, renewals and conthereon and all reissues and extensions it in any country or countries foreign to that to claim for the same the priority rights for the domestic laws of the country in which are the domestic laws of the country in which are the granted for said invention in any and reissues thereof; rizes and requests the Commissioner of Property protection on applications as afore the countries and assigns in accordance with the	ollar (\$1.00) to me in hand paid, and other good and diged, the said ASSIGNOR, has sold, assigned, transfer, transfer and set over, unto the said ASSIGNEE, its and interest in, to and under the said invention, and the tinuations thereof, and all Patents of the United States thereof; and all applications for industrial property its, utility models, and designs which may hereafter be the United States, together with the right to file such derived from said United States application under the for the Protection of Industrial Property, or any other ich any such application is filed, as may be applicable; it limitation, patents, utility models, inventor's certificountry or countries foreign to the United States and vatents and Trademarks of the United States, and any whose duty it is to issue patents or other evidence or esaid, to issue the same to the said ASSIGNEE, its me terms of this instrument.
AND ASSIGNOR legal representatives an lawful papers, execute	for the covenants and agrees that he will dassigns, any facts known respecting said	with. communicate to the said ASSIGNEE, its successors, invention, and testify in any legal proceeding, sign all ign applications, make all rightful oaths, and generally legal representatives and assigns, to obtain and enforce
proper protection to a	Katsue KOJIMA	
Full name of sole or fir	st inventor Katsue KOJIMA	Date September 12, 2000
Inventor's signature	Ta-shi, Japan C/O FUJITSU COMMUNICATION SY	Citizenship Japanese
Residence YOKOHAI	C/O FUJITSU COMMUNICATION SY	STEMS LIMITED, 3-9-18, Shinyokohama,
Post Office Address	Kohoku-ku, Yokohama-shi, Kar	nagawa 222-0033 Japan
Full name of second june Second Inventor's sig	oint inventor, if any Yasuhiro UCHI	Date September 12, 2000 Citizanshin Japanese
Post Office Address	c/o FUJITSU COMMUNICATION S	YSTEMS LIMITED, 3-9-18, Shinyokohama,
Post Office Address	Kohoku-ku, Yokohama-shi, Ka	nagawa 222-0033 3-L
Full name of third jo	int inventor, if any Munehiro DATE	Date September 12, 2000
Third Inventor's Sign	lature Munerica Ca	Citizenshin Japanese
ResidenceY	OROHANIA SITT COMMUNICATION S	SYSTEMS LIMITED, 3-9-18, Shinyokohama,
Post Office Address	Kohoku-ku, Yokohama-shi, Ka	anagawa, 222-0033 Japan
•	KOHOKU-KU, TOKOHUMA DITT	

PATENT REEL: 011130 FRAME: 0196

Full name of fourth joint inventor, if any _	Toshiyuki AKI	TA	
Inventor's Signature Toshiyah akita	Date	September '	12, 2000
Residence Kawasaki-shi, Japan			
	Citizenship	Japanese	
Post Office Address c/o FUJITSU LIMITED, 1-	1, Kamikodana	ka 4-chome,	Nakahara-ku,
Kawasaki-shi,Kanagawa,	211-8588 Japa	ın	
Full name of fifth joint inventor, if any			
Inventor's Signature	Date		
Residence			
Post Office Address			
Full name of sixth joint inventor, if any _			
Inventor's Signature	Date		
Residence			
	Citizenship		
Post Office Address			
Full name of seventh joint inventor, if any			
Inventor's Signature	Date		
Residence			
	Citizenship		
Post Office Address			
Full name of eighth joint inventor, if any _			
Inventor's Signature	Date	·	
Residence			
·	Citizenship		
Post Office Address			

PATENT REEL: 011130 FRAME: 0197