			.000				
FONM P1O-1595 (Nov. 6 93)	RECC			ET	U.S. DEPARIMENT	OF COMMETICE	
OMB No. 0051 0011 (axp. 4/94)		10000	7770		i mon tha	Tridesilark Cilicu	
Tab settings ⇔ ⇔ ⇔ ▼	▼	100902	2119	▼	•	<b>T</b>	
To the Honorable Commiss	sloner of Patents and	Frademarks: Pla	ease record the attacl	red orlakial	documents or conv	lliereat	
	1.	RO					
1. Name of conveying party(le	is):		2. Name and add	liess of rec	elving party(les)	₽ ₫	
(1)Norifumi TODO		- 30- 98	u PHTT	merr TTI	AT MEN	^ <u></u>	
(2)Masaharu YAMA		. 1	Name: FUJI	120 116	11.1 ED	<del>vi ⇔</del>	
(3)Wada YOSHIYUK (4)Takehiko FUJI		1	Internal Addres	99.		⊃ <u>∞</u>	
Additional name(s) of conveying party		0K 110				86	
						v. 0	
3. Nature of conveyance:		ŀ	·		· ·		
M Assignment	☐ Meige	91	Street Address: 1-1, Kamikodanaka 4-chome,				
Cl Security Agreement	□ Chanç	je of Name	Nakahara	-ku, Kas	rasaki-shi,		
U Other			City: Kanaga	wa	Slale:	ZIP: 211-8588	
			Country: J			ļ	
Execution Date: October	20, 1998		A 2 (04 ).			<b></b>	
			Noomonai nameti	a) o unniesal	os) attached? (1 Yes	-0H 110	
4. Application number(s) or pa	alent number(e).	09/18:	3.371				
t. raplication range (b) or pa	nom namiyor(s).	01710	5 / 5 .,				
If this document is being fil	ied together with a n	ew application	, the execution date	of the app	lication is: Octob	er 20, 1998	
A. Patent Application No.(	(s) . ,		B. Patent No	.(s) ,			
		i					
	Addir	ita eradinun lanol	nched? U Yes U No				
DOCKET NO.: FUJZ 15	5.561						
5. Name and address of party	y to whom correspor	idence	6. Total number	of applicati	ons and patents in	volved: 1	
concerning document show	•			••	•	السا	
					<del></del>		
Name: HELFGOTT &	KARAS, P.C.		7. Total fee (37	CFR 3.41)	\$ 40.00	)	
		1	<b>,</b>		•	<del></del> _	
Internal Address:_ <b>EMPI</b> R	E STATE BUL	LDING	🛛 Enclosed	·			
60тн	FLOOR	į					
	THANK		<b>19</b> Authorize	id to be chi	arged to deposit a	ccount	
Charl Address 350 5	ти хиемпе		0.15				
Street Address: 350 5	THE TENUE		8. Deposit acco	ount numbe	91.		
11/05 44000			08-	-1634			
/11/06/1998 BALEXAND 00000025 091							
03 FC:SMy: New York	Slale: N. Y. ZI	P: <u>10118</u>	(Attach duptice	to copy of this	s page if paying by dej	iosit account)	
Tel. No.: (212) 643							
		no Hot na	E THIS SPACE	,			
7		//	<del></del>	/1			
9. Statement and signature.		//	/ /	/ ,			
To the best of my knowled	dge and belief, the fo	ər <b>egβing i</b> nfom	nation is true and/co	oyegt and i	gny attached copy	is a true copy of	
the original document.		Mee	- 1/C	4/	· •		
G		4		110			
<u>Samson Helfgot</u> Name of Person Sign			Slaveture /	<i>I</i>	1	0/30/98	
•		سناليناميا المانية	Signaturé / /		2	Date	
Reg. No.: 23,072	· · · · · · · · · · · · · · · · · · ·		cover shoot, attachma				
			required coversheet		ito;		

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

Any for due with this paper, not fully covered by an anclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail (Receipt No. 1136) pursuant to 37 C.F.R 1.10.

> **PATENT REEL: 9581 FRAME: 0606**

## UNITED STATES

## ASSIGNMENT

Docket No. FUJZ 15.561

(check one) [N] an application is being filled concurrently herewith,  [ ] and given Application Serial No. [ ] and given Application Serial No. [ ] FUJITSU LIMITED  and WHEREAS, 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 aptients 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 filled 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 any Official of any authorizes and requests the Commissioner of	WHEREAS, the	below named inventor, ASSIGNOR, has made a certain new and useful invention in: _ANSMISSION SYSTEM	
[ ] an application for a Patent of the United States was filed on [ ] and given Application Serial No. [ ] and given Application Serial No. [ ] and given Application Serial No. [ ] Avaing a place of business at [ ] 1-1, Kamilkodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, ASSIGNEE is destrous 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 patients of the United States supplications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be repaired thereon and all resistess and extensions thereof; and all applications for finder patents 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 protection, including, without limitation, patents, utility models, as may be applications and designs which may be granted for said invention in any country or countries foreign to the United States, and all different or industrial property protection, including, without limitation, patents, utility models, invention and little states, and testigns, and face states, and all different patents or other evidence or forms of industrial property protection on applications are all visits to succeed the understance of industrial property protection o	for which		· · · · · · · · · · · · · · · · · · ·
[ ] an application for a Patent of the United States was filed on [ ] and given Application Serial No. [ ] and given Application Serial No. [ ] and given Application Serial No. [ ] Avaing a place of business at [ ] 1-1, Kamilkodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, ASSIGNEE is destrous 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 patients of the United States supplications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be repaired thereon and all resistess and extensions thereof; and all applications for finder patents 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 protection, including, without limitation, patents, utility models, as may be applications and designs which may be granted for said invention in any country or countries foreign to the United States, and all different or industrial property protection, including, without limitation, patents, utility models, invention and little states, and testigns, and face states, and all different patents or other evidence or forms of industrial property protection on applications are all visits to succeed the understance of industrial property protection o	(abaalaasa) f	X1	
and WHEREAS, FUJITSU LIMITED  having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku,  Kawasaki-shi, Kanagawa 211-6588, Japan ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said Invention and the said splications:  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 SIGNOE, 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 United States which may be granted thereon and all relssues and extensions thereof, and all applications and the right to claim for the same the priority rights derived from said United States application under the Flieth of 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 agreement or the domestic laws of the country in which any such applications is filed, as the applications and the right to claim for the same the priority in which any such applications is filed, as the applications and all extensions, renewals and reissues thereof;  ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States and all extensions, renewals and reissues thereof; and all right to convey the entire interest herein assigned, and any Official of any country or countries foreign to the United States, and any Official of any country or countries foreign to the United States, and any Official of any country or countries foreign to the Unit	• •	· · · · · · · · · · · · · · · · · · ·	
naving 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 schowledged, 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 the said under the said the said under the said u		- · · · · · · · · · · · · · · · · · · ·	
The start was of the United States, generale to the United States, and industrial property protection, including, without limitational generale to the United States, and all Ormso of industrial property protection, including without property protection, including she with may be granted for said invention in an applicable, and assigns, the recommendation of the said when the said invention in an applicable and states application and all divisions, renewals and condituations thereof, and all patients of the United States and SSIGNOR, has sold, assigned, transferred and set over, and by the where presents does hereby self, assign, transfer and set over, unto the said SSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby self, assign, transfer and set over, unto the said SSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby self, assign, transferred and set over, and by these presents does hereby self, assign, transferred and set over, and by these presents does hereby self, assign, transferred and set of the control of the set of the said under the said under the said under the present cause 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 applicable in its field, 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, whose duty it so issue patents or other evidence or 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 any country or countries foreign to the United States, and any country or countries foreign to the United States		DUTTMOU TENTON	<del></del>
is desirous of obtaining the entire right, title and interest in, to and under the said Inventions 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 under the said under the said and under the said and under the said and under the said and under the said invention in any country or countries foreign to the United States, deplications 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 Unitation, patents, utility models and all forms of industrial property protection, including, without Unitation, patents, utility models utility and said extensions, renewals and resistes 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 i		1 1 Kandlandan A abasa Malabasa la	
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 ASSIGNEE, 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 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 supplication and the right to claim for the same the priority rights derived from said United States, which may be granted 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 sail right to convey the entire interest herein	having a place o	r dasinoss at	
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 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 applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filled 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 applications and the right to claim for the same the priority rights derived from said United States application under the riternational agreement or the domestic laws of the country in which any such application is filled, as may be applicated and all forms of industrial property protection, including, without limitation, patents, utility and the riternational agreement or the domestic laws of the country in which any such application is filled, as may be applicated and all forms of industrial property protection and all forms of industrial property protection and all forms of industrial property protection of patents and Trademarks of 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, any facts known respecting said invention and tentre in the said applications and ass	is desirous of ob		
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 awful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally to everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.  Full name of sole or first inventor  Norifumi Todogawa  Inventor's signature  Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of second joint inventor, if any  Masaharu Yamamoto  Second Inventor's signature  Masaharu Yamamoto  Second Inventor's signature  Kanagawa, Japan  Citizenship	said United Stat which may be protection, inclu filed for said in applications and Patent Laws of international agr and all forms of cates and design all extensions, re ASSIGNOR Official of any of	es application and all divisions, renewals and continuations thereof, and all Patents of the granted thereon and all reissues and extensions thereof; and all applications for individing, without limitation, all applications for patents, utility models, and designs which mention in any country or countries foreign to the United States, together with the right to claim for the same the priority rights derived from said United States application the United States, the International Convention for the Protection of Industrial Propert element or the domestic laws of the country in which any such application is filed, as may industrial property protection, including, without limitation, patents, utility models, in swhich may be granted for said invention in any country or countries foreign to the United States and Trademarks of the United country or countries foreign to the United States, whose duty it is to issue patents or othical property protection on applications as aforesaid, to issue the same to the said A	ne United States ustrial property may hereafter be ght to file such cation under the ty, or any other y be applicable; ventor's certifinited States and States, and any her evidence or
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 caths, and generally to everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.  Full name of sole or first inventor Norifumi Todogawa			signed, and has
Residence Kanagawa, Japan Citizenship Japan  Cost Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of second joint inventor, if any  Second Inventor's signature Massiliaru Yamamoto  Residence Kanagawa, Japan Citizenship Japan  Cost Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any  Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any  Third Inventor's signature Wada Yadayaka Date October 20, 1998  Residence Kanagawa, Japan Citizenship Japan  Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,  Residence Kanagawa, Japan Citizenship Japan  Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,	legal representati lawful papers, ex do everything po	ives and assigns, any facts known respecting said invention, and testify in any legal procedure all divisional, continuing, reissue and foreign applications, make all rightful oaths ssible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain	eeding, sign all s, and generally
Residence Kanagawa, Japan Citizenship Japan  Cost Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of second joint inventor, if any  Full name of second joint inventor, if any  Full name of second joint inventor, if any  Full name of third joint inventor, if any  Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any  Full name of third joint inventor, i	Full name of sole	or first inventor Norifumi Todogawa	
Cost Office Address  Control Full name of second joint inventor, if any  Cost Office Address  Control Full name of second joint inventor, if any  Cost Office Address  Control Full name of second joint inventor, if any  Cost Office Address  Control Full name of second joint inventor, if any  Cost Office Address  Control Full name of second joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Control Full name of third joint inventor, if any  Cost Office Address  Cont	Inventor's signat	ure Norifumi Todogawa Date October	20 <b>,</b> 1998
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of second joint inventor, if any Second Inventor's signature Massifiatry / a many / 2  Residence Kanagawa, Japan Citizenship Japan  Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,  Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any Third Inventor's signature Mada Yoshiyaki  Residence Kanagawa, Japan Citizenship Japan  Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,	Residence		
Second Inventor's signature Masaharu Yamamata Date October 20, 1998 Residence Kanagawa, Japan Citizenship Japan Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any Third Inventor's signature Wada Yoshiyaki Residence Kanagawa, Japan Citizenship Japan Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,	Post Office Addr	ess c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chom Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588,	ne, , Japan
Residence Kanagawa, Japan Citizenship Japan Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any Third Inventor's signature Wada Yoshiyaki Residence Kanagawa, Japan Citizenship Japan Post Office Address C/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,		ond joint niventor, it any	
Post Office Address	Second Inventor		<u>20, 1998</u>
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan  Full name of third joint inventor, if any Third Inventor's signature	Residence		
Full name of third joint inventor, if any Third Inventor's signature Wada Yodiyaka Date October 20, 1998 Residence Kanagawa, Japan Citizenship Japan Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,	Post Office Addi		
Third Inventor's signature Warda Yndiyuka Date October 20, 1998 Residence Kanagawa, Japan Citizenship Japan Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,		Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588,	, Japan
Third Inventor's signature Warda Yndiyuka Date October 20, 1998 Residence Kanagawa, Japan Citizenship Japan Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,			
Third Inventor's signature Wayda Yndiyaka Date October 20, 1998  Residence Kanagawa, Japan Citizenship Japan  Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,	Full name of this	d joint inventor, if anyWada_Yoshiyuki	
Residence Kanagawa, Japan Citizenship Japan Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,			20, 1998
Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,			
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan			
	-	Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588.	Japan

PATENT REEL: 9581 FRAME: 0607

Full name of fourth j	oint inventor, if	any Take	Takehiko Fujiyama			
Inventor's Signature	Takehiko Fuji,	ama	Date	October	20 ,	1998
Residence Kanagawa						
<del>- 1</del>		Citi:	zenship	Japan		
Post Office Address	c/o FUJITSU	LIMITED,	1-1,	Kamikoda	ınaka	4-chome,
	Nakahara-ku, K	awasaki-sl	ni, Ka	nagawa 2	11-85	88, Japa
Full name of fifth jo	int inventor, if	any				
Inventor's Signature			Date			
Residence						· · · · · · · · · · · · · · · · · · ·
			zenship			
Post Office Address _						
Full name of sixth jo	int inventor, if	any				i
Inventor's Signature			_ Date			
Residence						
			zenship			<u></u>
Post Office Address _						
Full name of seventh	joint inventor, i	f any				
Inventor's Signature						
Residence				•		·
		Citi	zenship			,
Post Office Address						
Full name of eighth j	oint inventor, if	any				
Inventor's Signature				,		
Residence			_			
		Citi:	zenship			
			-			

PATENT REEL: 9581 FRAME: 0608