FORM PTO-1595					
(flov. 6-93) 1112C 06-01-	1998	HEET	U.S. DEPARTMEN Patent and	Fundemark Office	
OMB No. 0651-0011 (nxp. 4/94)					
To the Honorable Commissioner of Pa. 10072		<u> </u>	<b>Y</b>	<u> </u>	
To the Honorable Commissioner of Pa. 10012	1	aned original	I documents or copy	lliegeol.	
1. Name of conveying party(les):  i) Tatsuya SHOHO 2) Yasuhiko UCHIDA	Name: F	UJITSU LI		/083590 /083590 // // // // // // // // // // // // //	
Additional name(s) of conveying party(los) attached? U. Yes. No.	Internal A	ddress:		JC54	
3. Nature of conveyance:					
21 Assignment U Merger	Street Address: 1-1, Kamikodanaka 4-chome				
U Security Agreement U Change of Name	<u>Naka</u>	hara-ku,	Kavasaki-sh	<u>i</u>	
U Other	City:Kan	agawa	_ State:	ZIP: 211-8588	
Execution Date: 0 <sup>4</sup> /C <sup>1</sup> /98 for both	Country: Japan Additional name(s) & address(es) attached? U Yus 💆 No				
07/08359 0 Additional numbers of	    tached? U⊢Yes t¥	No			
DOCKET NO.: FUHH15.039	1		- 1000 / 1 - 1 11 11 10 10 10 10 10 10 10 10 10 10 1	Marie Control of the	
5.5CHAMBE annough less of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: <u>HELFGOTT &amp; KARAS, P.C.</u>	7. Total fee	(37 CFR 3.41)	\$ 40.00	Paris Secretary	
Internal Address: EMPIRE STATE BUILDING	LX Enclo	Wa Enclosed			
60th FLOOR	Ma. Authorized to be charged to deposit account				
Street Address: 350 5th Avenue	8. Deposit a	ecount numbe	I:		
	08-1	634		b	
City: New York State: NY ZIP: 10118 Tel. No.: (212)643-5000	(Attach dup	licate copy of this	page if paying by depo	sit account)	
	GE THIS SPACE				
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information original document.  Samson Helfgort	nation is true and	Younect and an		s a liue copy o	
Name of Person Signing 23, 072 Total number of pages lacketing	Signature Jeovor shoot, altachi	ments, and docum	neut; 2	Date	

Mail documents to be recorded with required cover sliest information to: Commissions of Palants & Lindemarks, Box Assignments Washington, D.C. 20231

## UNITED STATES

Docket No. FUJH15.039

## ASSIGNMENT

Check one   [x]   an application is being filed concurrently herewith,       and given Application for a Patent of the United States was filed on       and given Application Serial No.			low named inventor, ASSIGNOR, has made a certai		OH III .
(check one) [x] an application is being filed concurrently herewith, [1] and given Application for a Patent of the United States was filed on [1] and given Application Serial No. and WHEREAS, FUITTSU LIMITED having a place of business a		CTIC	N METHOD FOR COMMUNICATION NETWORK	SYSTEM	
and application for a Patent of the United States was filed on  [ ] and given Application Serial No.  PUJTEU 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 applications for industrial property protection, including, without limitation, all applications thereof; and all applications for industrial property protection, including, without limitation, all applications 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 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 thereoft.  ASSIGNOR authorizes and arroguests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign t	tor which				
[ ] and given Application Serial No. and WHEREAS. PIJITISU LIMITED having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japun. 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 schnowledged, 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 which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patients, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with her right to file such papilications of the United States, to the United States, the International agreement of the domestic laws of the country in which any such applications if 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 country or countries foreign to the United States, whose duty it is to issue patients 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 coven	(check one)	[X]	an application is being filed concurrently herewith	,	
and WHEREAS. FUJITSU LIMITED LAWING JAMENGALANKA 4-chome, Nakahara-ku, Kawagaki-shi, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawagaki-shi, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawagaki-shi, Kanagawa, 211-8588 Japan		[]	an application for a Patent of the United States was	filed on	
Navanga a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-lou, Kawanaki-shi, Kanangawa 211-8588 Japan		[]			
Kanagawa, 211–8588 Japan  ASSIGNEE s 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 prelients of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property oretection, including, without limitation, all applications for preatents, 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 palications and the right to claim for the same the priority rights derived from said United States application under the valent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other neternational agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and designs which may be granted for said invention in any country or countries foreign to the United States, whose duty it is to issue patients or other evidence or forms of industrial property protection, including, without limitation, patents, utility models, invention; certificates and designs which may be granted for said invention; and soresald, 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 entir				37 3 3 1 T	7 1 1 1
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, unto the said sasigns, the entire right, title and interest in, to and under the said invention, and the 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 hereafte be altered from said United States, the International applications and the right to claim for the same the priority rights derived from said United States application under the neternational 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 all extensions, renewals and requests the Commissioner of Patents and Trademarks of the United States, and any Difficial of any country or countries foreign to the United States, and any Difficial of any country or countries foreign to the United States, and any Difficial 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 represe					
refuel and set over, and by these presents does hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, unto the said ASSIGNEE, its nuccessors, 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 resistues 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 under the Patent Laws of the United States, the 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 resistues 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 nuccessors, 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	Kanaga is desirous of	obtair	211-8588 Japan sing the entire right, title and interest in, to and unde	r the said invention and t	, ASSIGNEE he said application:
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 countries.  Full name of sole or first inventor Tatsuya SHOHO Inventor's signature	ferred and se successors, le said United S which may be protection, in filed for said applications a Patent Laws international and all forms cates and des hall extensions ASSIGN Difficial of an forms of ind successors, le AND AS not executed, AND AS	t over, gal rejeatates a grant cludin invention invention of the agreement of incident of the agreement of incident over a galaxy countries and we could not be compared to the countries and we countries and we could not be compared to the countries and we could not be compared to the countries and we could not be compared to the countries and we could not be compared to the countries and the countries are considered to the countries are considered to the countries are considered to the countries and the countries are considered to the countries are considere	and by these presents does hereby sell, assign, tra- presentatives and assigns, the entire right, title and in application and all divisions, renewals and continual med thereon and all reissues and extensions there g, without limitation, all applications for patents, ut- tion in any country or countries foreign to the Un- eright to claim for the same the priority rights deriv United States, the International Convention for the nent or the domestic laws of the country in which ar flustrial property protection, including, without limit which may be granted for said invention in any coun- wals and reissues thereof; athorizes and requests the Commissioner of Patents arry or countries foreign to the United States, whos property protection on applications as aforesaid, presentatives and assigns, in accordance with the terr OR covenants and agrees that he has full right to co- ill not execute, any agreement in conflict herewith. OR further covenants and agrees that he will come	nsfer and set over, unto atterest in, to and under the cof; and all applications thereof, and all applications the cof; and all applications and designs and the cof; and all applications are the from said United State and Trademarks of the countries for eight and Trademarks of the countries to issue the same to the convey the entire interest in the convey the entire interest in the convey the entire interest in the convey the said ASS	the said ASSIGNEE, its e said invention, and the ents of the United States for industrial property which may hereafter be the the right to file such tes application under the Il Property, or any other dd, as may be applicable; odels, inventor's certificto the United States and United States, and any ents or other evidence or the said ASSIGNEE, its therein assigned, and has SIGNEE, its successors,
Residence Kohoku-ku, Yokohama-shi, Japan Citizenship  Post Office Address	awful papers lo everything	, exec ; possi	ute all divisional, continuing, reissue and foreign ap ble to aid the said ASSIGNEE, its successors, legal	plications, make all righ	tful oaths, and generally
Residence Kohoku-ku, Yokohama-shi, Japan Citizenship  Post Office Address	Full name of	sole o	first inventor Tatsuya SHOHO		04 /04 /4000
Residence Kohoku-ku, Yokohama-shi, Japan Citizenship  Post Office Address	nventor's sig	nature	Vateura Alsolia	Date [a	
Kohoku-ku, Yokohama-shi, Kanagawa, 222-0033 Japan  Full name of second joint inventor, if any  Yasuhiko UCHIDA  Second Inventor's signature  Yasuhiko UCHIDA  Date  01/04/1998  Residence  Kohoku-ku, Yokohama, Japan  Citizenship  Japan  Post Office Address  c/o FUJITSU COMMUNICATION SYSTEMS LIMITED, 9-18,  Shin-yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa, 222-0033.  Japan  Full name of third joint inventor, if any  Third Inventor's signature  Date  Date	Residence	Koho	ku-ku, Yokohama-shi, Japan	Citizenship	
Full name of second joint inventor, if any  Yasuhiko UCHIDA  Second Inventor's signature  Residence  Kohoku-ku, Yokohama, Japan  Post Office Address  C/o FUJITSU COMMUNICATION SYSTEMS LIMITED, 9-18,  Shin-yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa, 222-0033.  Japan  Full name of third joint inventor, if any  Third Inventor's signature  Date	Post Office A	ddress			
Second Inventor's signature    Yamhika   Mahaila   Date   01/04/1998			Konoku-ku, Yokonama-shi, Kanagawa	, 222-0033 Japan	
Residence Kohoku-ku, Yokohama, Japan Citizenship Japan  Post Office Address					
Post Office Address					
Shin-yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa, 222-0033.  Japan  Full name of third joint inventor, if any  Third Inventor's signature					
Third Inventor's signature Date	Post Office A	ddres	Shin-yokohama 3-chome, Kohoku-ku,		
	Full name of	third j	oint inventor, if any		and the second s
Residence Citizenship					
	Residence			Citizenship	

RECORDED: 05/22/1998 REEL: 9194 FRAME: 0090

PATENT