To the Honorable Commissioner of Patents and Trademark. 101534290 To the Honorable Commissioner of Patents and Trademark. 101534290 I. Name of conveying party(ies): (1) Hideto Yasuda (2) To the Honorable Commissioner of Patents and Trademark. (2) Tomohito Osawa 2. Name and address of receiving party(ies): Fujitsu Limited 1.1. Kamikodanaka 4-Chome Nakhara ku, Kawasaki-shi Kanagawa 211-8588, JAPAN S. 3. Nature of conveyance:	(Rev. 6-9	91	ECORD		U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic
(1) Hideto Yasuda (2) Tomohito Osawa 2. Name and address of receiving party(ies): Fujitsu Limited 11, Kamikodanaka 4-Chome Nakkahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN 3. Nature of conveyance:				101534290	
(1) Hideto Yasuda (2) Tomohito Osawa 2. Name and address of receiving partylies): Fujitsu Limited 1-1, Kamikodanaka 4-Chome Nakabara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN 3. Nature of conveyance:	1.	Name of conveying party(ies):			
Fujitsu Limited 1-1, Kamikodanaka 4-Chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN 3. Nature of conveyance:		(1) Hideto Yasuda	(2)	Tomohito Osawa	
1-1, Kamikodanaka 4-Chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN 3. Nature of conveyance:	2.	Name and address of receiving p	arty(ies):		
 Assignment Merger Change of Name		1-1, Kamikodanaka 4-Chome Nakahara-ku, Kawasaki-shi			
Security Agreement Change of Name X Other: Correction of Error - Reel 010991/Frame 0879 Execution Date(s): July 26, 2000 4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are:	3.	Nature of conveyance:			
 4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: (b) The title is: +** OR *** This document is being filed after filing of the application: (a) Patent Application No(s). <u>09/542,908</u>, filed <u>April 4, 2000</u>; or (b) Patent No(s). (c) Patent No(s).<td></td><td>Security Agreeme</td><td></td><td>Change of Name</td><td></td>		Security Agreeme		Change of Name	
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 (a) The execution date(s) of the application is/are:	4.	Application number(s) or patent r	number(s):		
 (b) Patent No(s), issued 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 21.1958 Attention: Mehdi Sheikerz 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved:1		 (a) The execution date(s) of (b) The title is:	the application is/	are:	
STAAS & HALSEY LLP Our Docket: 21.1958 Attention: Mehdi Sheikerz 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. 6. Total number of applications and patents involved: 7. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Acco (Attach duplicate copy of this page if paying by deposit account) 8. 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. Mehdi Sheikerz , Reg. No. 41,307 November 14, Date					
Attention: Mehdi Sheikerz 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: 7. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Acco (Attach duplicate copy of this page if paying by deposit account) 8. 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. Mehdi Sheikerz , Reg. No. 41,307 November 14, Name of Person Signing Signature Date	5.	Name and address of party to whether the second sec	nom corresponden	ce concerning documer	nt should be mailed:
 Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Acco (Attach duplicate copy of this page if paying by deposit account) 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. <u>Mehdi Sheikerz , Reg. No. 41,307</u> Name of Person Signing 		Attention: Mehdi Sheiker: 700 Eleventh Street, N.W	/., Suite 500	Our Docket: 21.195	8
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To the	e Honorable Comn	nissioner of Patents and			l original docum	ents or copy thereof.
	Name of con	veying party(ies):				
	(1) Hidet	to YASUDA	(2) Tom	ohito OSAW	Ą	
•	Name and ac	dress of receiving p	party(ies). OIPE	J.		
	1-1, Naka	TSU LIMITED Kamikodanaka 4-ch hara-ku, Kawasaki-s gawa 211-8588, JA	apan ta	APRA C		
-	Nature of co	nveyance:	TRADE			
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	This documer (a) Paten	nt is being filed afte t Application No(s). t No(s).	09/542,908, file	d <u>April 4, 2</u>	<u>000;</u> or	
	STAA Atten 700 E	dress of party to wh S & HALSEY LLP tion: Mehdi Sheiker Eleventh Street, N.W ington, D.C. 2000	z /., Suite 500	Our Docke	t: 21.1958/ f	
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	Mehdi Sheik	erz, Reg. No. 41,30)7	Nan	Stal	August 10, 2000
	Name o	f Person Signing		Signature		Date
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

 FUJITSU LIMITED	<u> </u>
 1-1, Kamikodanaka 4-chome	
 Nakahara-ku, Kawasaki-shi	
 Kanagawa 211-8588, JAPAN	<u>.</u>

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

USER AUTHENTICATION APPARATUS, METHOD OF USER AUTHENTICATION, AND STORAGE MEDIUM THEREFOR

relating to International Patent Application PCT/JP____/ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on;	(Insert date of execution of application, if not concurrent)
(b) filed on <u>April 4, 2000</u> , Serial No. <u>09/542,908</u> ;	Any registered attorney of STAAS & HALSEY ILP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

\mathcal{C}	Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
1)	Hideto Yasula Hideto YASUDA	July 26, 2000	Yoshimi SHINDO
2)	Tomohito Osasva Tomohito Osawa	July 26, 2000	<u>Ipeshimu Alindo</u> Yoshimi SHINDO
3)			
4)			

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RECORDED: 11/14/2000