1. Name of conveying party(ies): Takash SHNZAKI Yusaku FUJII 2. Name and address of receiving party(ies): FUJITSU LIMITED 1-11, Kamakodanaka 4-chome, Nakahara-ku Kawasaki-shi, Kanagawa 211-8588 JAPAN 3. Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): August 1, 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: August 1, 2000 (b) The title is: PERSONAL AUTHENTICATION SYSTEM USING BIOMETRICS INFORMATION OR: This document is being filed after filing of the application: (a) Patent Application No(s). Deposit Account No: STAAS & HALSEY LLP Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: Total fee (37 CFR 3.41)	FORM (Rev. 6	(/.14.11)	08-30-2000	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Takashi SHINZAKI Yusaku PUJIT Name and address of receiving party(ies). FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku Kawasaki-shi, Kanagawa 211-8588 JAPAN Nature of conveyance: X Assignment	To th	ne Honorable Commissioner of Patents and Tradema	101446278	s or copy thereof.
Yusaku FUJII Name and address of receiving party(ies): FUJITSU LIMITED 1-1. Kamikodanaka 4-chome, Nakahara-ku Kawaseki-shi, Kanagewa 211-8588 JAPAN Nature of conveyance: X Assignment Security Agreement Other: Execution Date(s): August 1, 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 August 1, 2000 (b) The title is: PERSONAL AUTHENTICATION SYSTEM USING BIOMETRICS INFORMATION ****Off *** This document is being filed after filing of the application: (a) Patent Application No(s). (b) Patent No(s). (c) Patent No(s). (d) Fatent Application No(s). (e) Patent No(s). (f) For Management System Using Biometrics Information *** Our Docket: 1075.1133/JDH Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: 1 Total fee (37 CFR 3.41)	1.	• • • •		
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1-1, Kamikodanaka 4-chome, Nakahara-ku Kawasaki-shi, Kanagawa 211-8588 JAPAN 3. Nature of conveyance: X Assignment	2.	Name and address of receiving party(ies):		o ==
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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: August 1, 2000 (b) The title is: PERSONAL AUTHENTICATION SYSTEM USING BIOMETRICS INFORMATION ****OR **** This document is being filed after filing of the application: (a) Patent Application No(s). / , filed; or (b) Patent No(s) / , issued, or (c) Patent No(s) / , issued, or (d) Patent No(s) / , issued, or (e) Patent No(s) / , issued, or (filed, or (g) Patent No(s) / , issued, or (h) Patent No(s) / , or (h) Patent No(s)		Security Agreement		b E
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(a) The execution date(s) of the application is/are: August 1, 2000 (b) The title is: PERSONAL AUTHENTICATION SYSTEM USING BIOMETRICS INFORMATION ****Og**** This document is being filed after filing of the application: (a) Patent Application No(s)/, filed; or (b) Patent No(s)/_, issued O9639893 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1075.1133/JDH Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: Total fee (37 CFR 3.41)	4.	Application number(s) or patent number(s):		
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undersigned inventor(s) (hereinafter, "ASSIG (Insert Name(s) & Address(es) of ASSIGNEE		
FUJITSU LIMITED		
	Nakahara-ku,Kawasaki-	-shi, Kanagawa 211-8588 Japa
(hereinafter, "ASSIGNEE"), the receipt of whand transfers to ASSIGNEE the entire and extended in the continuous of the continuous and the continuous conti	cclusive right, title and interest to t	
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relating to International Patent Application PC States was executed on even date herewith	or, if not so executed, was:	
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(b) filed on;		ney of STAAS & HALSEY, 700 Eleventh ington, D.C. 20001 (202/434-1500) is
Serial No.	hereby authorized to known.	insert in (b) the specified data, when
and to said application and all Letters Patent(s renewal, substitute, reissue or reexamination Patent(s) may be granted and including any Patent(s)").	n application based thereon, for the	full term or terms for which the said Letters
The ASSIGNOR agree(s), when requested to do all acts which the ASSIGNEE may de protection for said invention, including in the patent(s), in any interference, reissue, reexar which may arise or be declared in relation to separate assignments and declarations, takievidence.	em necessary, desirable or expedi preparation and prosecution of said mination, or public use proceeding, same, such acts to include but no	application(s) and the issuance of said Letters and in any litigation or other legal proceeding t be limited to executing all papers, including
IN WITNESS WHEREOF, the undersigned	l inventor(s) has (have) affixed his/	her/their signature(s).
(Typed Name & Signature of Inventor(s,)) (Date)	(Typed Name & Signature of Witness(es),
1) Januari Shinyaki Takashi SHINZAKI	August 1, 2000	Masaharu Tadokoro Masaharu TADOKORO
2) Yusaku Fuyu'	August 1, 2000	masaharu Jadokoro
Yusaku FUJII		Masararu TADONONO
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