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U.S. PTO 11/723738 03/21/2007

PATENTS ONLY

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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1 Toshinari TAKAHASHI		
2 Kentaro UMESAWA	1) Name: Kabushiki Kaisha Toshiba	
3 Shinji YAMANAKA	Street Address: 1-1, Shibaura 1-chome, Minato-ku	
	City: Tokyo	
	State/Country: Japan Zip:	
Additional name/s of conveying party/ies attached?		
3. Nature of conveyance:		
Assignment Merger		
Security Assignment Change of Name		
Other		
Execution Date: 19 March 2007; 19 March 2007; 19	Additional name/s & address/es attached? Yes No	
March 2007, respectively	7.00.00.00.00.00.00.00.00.00.00.00.00.00	
4. Application number(s) or patent number(s): X This assignment is being filed together with a new application.		
A. Patent Application No(s).	B. Patent No(s).	
(1) To Be Assigned	(1)	
(2)	(2)	
(3)	(3)	
Additional numbers attached Yes No		
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:	
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00	
Name: Michael J. Shea	Enclosed	
Name.	Authorized to be charged to deposit account #14-1140	
Internal Address:		
	8. The Commissioner is hereby authorized to charge any	
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which	
901 North Glebe Road	should have been filed herewith (or with any paper thereafter	
11th Floor	filed in this application by this firm) to our Account No.	
City: Arlington State: VA Zip: 22203	14-1140.	
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9. Statements and signature. To the best of my knowledge and belief, the foregoing information of the original document. Michael J. Shea Name of Person Signing Reg. No. 34,725	March 21, 2007 Date	
9. Statements and signature. To the best of my knowledge and belief, the foregoing information of the original document. Michael J. Shea Name of Person Signing Reg. No. 34,725	ation is true and correct and any attached copy is a true copy March 21, 2007	

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93/22/2007 SZEWDIE1 00000045 11723738 04 FC:8021 40.00 OP

PATENT

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REEL: 019127 FRAME: 0841

ASSIGNMENT OF PATENT APPLICATION

	(1) Toshinari TAKAHASHI
	(2) Kentaro UMESAWA
(Inventors)	(3) Shinji YAMANAKA end
,	(4)
4 .	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(Assignee)	(5) KABUSHIKI KAISHA TOSHIBA
(Address)	(6) of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of
(Other Countries)	(7) in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as
(Tide)	(8) USER AUTHENTICATION METHOD, USER AUTHENTICATING DEVICE (Case No
	for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed
	(9) on or has already filed in
	(10) U.S. appln. Serial Number, filed on
·	(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.
interference whin connection we necessary in congreenents.	indersigned agree(s) to execute all papers and documents necessary in connection with the application or any hich may be declared and any continuing or divisional applications thereof and also to execute separate assignments with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be innection with claims or provisions of the International Convention for Protection of Industrial Property or similar indersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States
patent to the A	ussignee.
United States r Assignee of the assigned, and re 4) The un	indersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as the entire interest, and hereby convenants that he has (they have) full right to convey the entire interest herein that he has (they have) not executed and will not execute, any agreement in conflict herewith. Indersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any leation which may be necessary to desirable in order to comply with the rules of the United States Patent Office for this document.
In witness	whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s),
Date March	19, 2007 Signature of Inventor (1) Tookinasi Takuhashi
Date March	19, 2007 Signature of Inventor (2) Kenzoro Vmenewa 19, 2007 Signature of Inventor (3) Shinip Jamanaha
Date	Signature of Inventor (4)
	l by:
Witness	Date
Witness	Date

PATENT REEL: 019127 FRAME: 0842

RECORDED: 03/21/2007