502312902 04/16/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yuji NAGAI	03/11/2013
Taku KATO	03/19/2013
Tatsuyuki MATSUSHITA	03/19/2013
Toshihiro SUZUKI	03/11/2013
Noboru SHIBATA	03/11/2013

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
Street Address:	1-1, Shibaura 1-chome, Minato-Ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13766940

CORRESPONDENCE DATA

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000
Email: bpalmer@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	411950US2S	
NAME OF SUBMITTER:	Brian Palmer	
Signature:	/Brian Palmer/	PATENT

502312902 REEL: 030225 FRAME: 0896

OP \$40.00 13766940

Date:	04/16/2013
Total Attachments: 2 source=411950USassn#page1.tif source=411950USassn#page2.tif	

PATENT REEL: 030225 FRAME: 0897

ASSIGNMENT

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DEVICE AND AUTHENTICATION METHOD THEREFOR

have sold and assigned and do hereby sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) [X] executed concurrently herewith
[] executed on ;
[X] Application No. 13/766,940, filed February 14, 2013;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA 22314

PATENT REEL: 030225 FRAME: 0898

ASSIGNMENT

AMG062556-USA-C (12S0286-1A1)

[1st Inventor] Residence Address: Sagamihara-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Citizenship: Japan	
Tuje Nagar	Mar. 11, 2013 Date:
Yuji Nagai	Date:
[2nd Inventor] Residence Address: Kamakura-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Take Kato	March 19 2013
Taku Kato	March 19, 2013 Date:
[3rd Inventor] Residence Address: Tokyo, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	
Tatsuyuki Matsushita	Mar. 19, 2013
Tatsuyuki Matsushita	Date:
[4th Inventor] Residence Address: Tokyo, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Toshihira Suzuhi	Mar. 11, 2013
Toshihiro Suzuki	Date:
[5th Inventor] Residence Address: Kawasaki-shi, Japan Mailing Address: c/o Intellectual Property Division, Minato-ku, Tokyo 105-8001, Japan Citizenship: Japan	Toshiba Corporation, 1-1, Shibaura 1-chome,
Noborn Shihata	Mar. 11, 2013
Noboru Shibata	Date:

PATENT REEL: 030225 FRAME: 0899

RECORDED: 04/16/2013