

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Toru YAMAGUCHI</td> <td>09/12/2013</td> </tr> <tr> <td>Kotaro ITO</td> <td>09/12/2013</td> </tr> <tr> <td>Sota MIZUSHIMA</td> <td>09/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Toru YAMAGUCHI	09/12/2013	Kotaro ITO	09/12/2013	Sota MIZUSHIMA	09/10/2013				
Name	Execution Date												
Toru YAMAGUCHI	09/12/2013												
Kotaro ITO	09/12/2013												
Sota MIZUSHIMA	09/10/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>DeNA Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2-21-1 Shibuya Hikarie</td> </tr> <tr> <td>Internal Address:</td> <td>Shibuya, Shibuya-ku</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>150-8510</td> </tr> </table>		Name:	DeNA Co., Ltd.	Street Address:	2-21-1 Shibuya Hikarie	Internal Address:	Shibuya, Shibuya-ku	City:	TOKYO	State/Country:	JAPAN	Postal Code:	150-8510
Name:	DeNA Co., Ltd.												
Street Address:	2-21-1 Shibuya Hikarie												
Internal Address:	Shibuya, Shibuya-ku												
City:	TOKYO												
State/Country:	JAPAN												
Postal Code:	150-8510												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14031707</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14031707								
Property Type	Number												
Application Number:	14031707												
CORRESPONDENCE DATA													
Fax Number: 6192350398 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 6192381900 Email: docketing@procopio.com Correspondent Name: PROCOPIO, CORY, HARGREAVES & SAVITCH LLP Address Line 1: 525 B STREET Address Line 2: SUITE 2200 Address Line 4: SAN DIEGO, CALIFORNIA 92101													
ATTORNEY DOCKET NUMBER:	120920-DCL010												
NAME OF SUBMITTER:	Mainak H. Mehta												
Signature:	/Mainak H. Mehta/												
Date:	09/19/2013												
Total Attachments: 1 source=DCL010_Assignment#page1.tif													

CH \$40.00 14031707

PATENT

## Assignment

Whereas, We, Toru YAMAGUCHI of Tokyo; Kotaro ITO of Tokyo; Sota MIZUSHIMA of Tokyo, hereinafter called assignor, have invented certain improvements in AUTHENTICATION METHOD, AUTHENTICATION SYSTEM, AND SERVICE DELIVERY SERVER and executed an application for Letters Patent of the United States of America therefor; and

Whereas, DeNA Co., Ltd. of 2-21-1 Shibuya Hikarie, Shibuya, Shibuya-ku, Tokyo, Japan, 150-8510 (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request my attorneys PROCOPIO, CORY, HARGREAVES & SAVITCH LLP of 525 B Street Suite 2200, San Diego, CA 92101 to insert here in parentheses (Application number 14/031,707 and Confirmation number 1117, filed September 19, 2013) the application number, confirmation number and filing date of said application when known.

Date: Sep 12, 2013 | Toru Yamaguchi  
s/Toru YAMAGUCHI

Date: Sep 12, 2013 | Kotaro Ito  
s/Kotaro ITO

Date: Sep 10, 2013 | Sota Mizushima  
s/Sota MIZUSHIMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)