

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HISANORI YAMAHARA	05/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAKUTEN, INC.
<b>Street Address:</b>	1-14-1 TAMAGAWA, SETAGAYA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	158-0094
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15037203
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-7860
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2022937060
<b>Email:</b>	rknight@sughrue.com, sughrue@sughrue.com
<b>Correspondent Name:</b>	SUGHRUE MION, PLLC
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVENUE NW
<b>Address Line 2:</b>	SUITE 800
<b>Address Line 4:</b>	WASHINGTON, D.C. 20037
<b>ATTORNEY DOCKET NUMBER:</b>	Q225831
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER KNIGHT
<b>SIGNATURE:</b>	/Christopher Knight/
<b>DATE SIGNED:</b>	05/17/2016
<b>Total Attachments: 1</b>	
source=Q225831AssignmentExecuted#page1.tif	

**ASSIGNMENT**Whereas, I/we,  
NameAddress

1) Hisanori YAMAHARA

c/o Rakuten, Inc.,  
1-14-1 Tamagawa,  
Setagaya-ku, Tokyo 158-0094 Japan

hereinafter called assignor(s), have invented certain improvements in  
**INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND INFORMATION  
 PROCESSING PROGRAM**

and executed an application for Letters Patent of the United States of America therefor on even date herewith, unless otherwise  
 indicated below:

filed on 5/17/2016, Serial No. 15/037,203; and

Whereas

Rakuten, Inc.

1-14-1 Tamagawa,  
Setagaya-ku, Tokyo 158-0094 Japan

(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, be it known that, for good and valuable consideration from assignee, the receipt of which is  
 hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer,  
 and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this  
 invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which  
 may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and  
 Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in  
 accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with  
 assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding,  
 sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect  
 the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue  
 applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain  
 and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the  
 execution of such papers shall be borne by the assignee, its successors and assigns.

**INVENTORS****DATE SIGNED**

1):

山内 久雄2016/05/10

Name :

Hisanori YAMAHARA