501768580 12/27/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiromi HIRANO	12/05/2011

RECEIVING PARTY DATA

Name:	RAKUTEN, INC.
Street Address:	4-12-3 Higashishinagawa
City:	Shinagawa-ku, Tokyo
State/Country:	JAPAN
Postal Code:	140-0002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13380745

CORRESPONDENCE DATA

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 (202)293-7860

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER:	Q128224
NAME OF SUBMITTER:	Yukiko Williams New App Specialist

Total Attachments: 1

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PATENT REEL: 027444 FRAME: 0960 OF \$40.00 13380/45

Assignment

Whereas, I/W	Je, Hiromi HIRANO of Shinagawa-ku, Tokyo, Japan
	ssignor(s), have invented certain improvements in INFORMATION RETRIEVING
	MATION RETRIEVING METHOD, INFORMATION RETRIEVING PROGRAM, RECORDING
MEDIUM ON WHICH	INFORMATION RETRIEVING PROGRAM IS RECORDED

and executed an ap	plication for Letters Patent of the United States of America therefor on; and
Whereas,	Rakuten, Inc. of 4-12-3 Higashishinagawa, Shinagawa-ku, Tokyo 140-0002 Japan
	lesires to acquire the entire right, title, and interest in the application and ny United States patents to be obtained therefor;
Now therefo	ore, for valuable consideration, receipt whereof is hereby acknowledged,
assignee, its success invention disclosed under 35 U.S.C. § 1 any Letters Patent successors and assi	ove named assignor(s), hereby sell, assign and transfer to the above named sors and assigns, the entire right, title and interest in the application and the therein for the United States of America, including the right to claim priority 19, and I/we request the Director – U.S. Patent and Trademark Office to issue granted upon the invention set forth in the application to the assignee, its gns; and I/we will execute without further consideration all papers deemed signee in connection with the United States application when called upon to be.
I/We hereby	authorize and request our attorneys SUGHRUE MION, PLLC of 2100 ue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number	13/380 745 and Confirmation number
6262	nr 13/380,745 and Confirmation number , filed December 23, 2011) the filing date
and application nur	nber of said application when known.
man with the management of the same	· · · · · · · · · · · · · · · · · · ·
	平野廣美
Date: December 5,	2011

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

PATENT REEL: 027444 FRAME: 0961

s/

RECORDED: 12/27/2011