

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3267575

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
INTERNATIONAL BUSINESS MACHINES CORPORATION	12/29/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAKUTEN, INC.
<b>Street Address:</b>	4-12-3, HIGASHISHINAGAWA, SHINAGAWA-KU,
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	140-0002
<b>PROPERTY NUMBERS Total: 7</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7181195
Patent Number:	7197635
Patent Number:	8495506
Patent Number:	7958547
Patent Number:	8527760
Patent Number:	8086618
Patent Number:	7899614
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	L149058
<b>NAME OF SUBMITTER:</b>	AIKO KITAHARA
<b>SIGNATURE:</b>	/Aiko Kitahara/
<b>DATE SIGNED:</b>	03/17/2015

**Total Attachments: 3**

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Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in the Patent Assignment Agreement Reference No. L149058 between the parties with an effective time and date of 11:59pm United States Eastern Time on December 29, 2014 ("Effective Time and Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at Armonk, New York (hereinafter "ASSIGNOR"), hereby grants and assigns to RAKUTEN, INC, a Japanese corporation having a place of business at Shinagawa Seaside Rakuten Tower , 4-12-3 Higashi-shinagawa, Shinagawa-ku, 140-0002, Tokyo , Japan (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the United States Letters Patents identified in Exhibit A and the United States patent applications identified in Exhibit C, attached hereto, (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including all damages for infringement of any of the Assigned Patents accruing on and after the Effective Time & Date and the sole right to sue therefore under such Assigned Patents, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment and Reservation to be duly signed on its behalf.

Signature: Lisa M Regan

Date: 12/29/14

Name: Lisa M Regan  
Title: Director of Finance, Research + Intellectual Property

State of New York     )  
                                  ) S.S.  
County of Westchester)

Before me this 29 day of December, 2014, personally appeared Lisa M Regan, to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of his/her own free will for the purpose therein expressed.

Mary Dee McMahon     Notary Public

MARY DEE McMAHON  
Notary Public, State of New York  
No. 93-4701005  
Qualified in Westchester County  
Commission Expires 8-31-2017

**EXHIBIT A**

**LISTED PATENTS (United States)**

<b>Country</b>	<b>IBM Docket Number</b>	<b>Patent Number</b>	<b>Patent Issue Date</b>
US	AUS920010775US1	7181195	02/20/07
US	AUS920030639US1	7197635	03/27/07
US	AUS920080131US1	8495506	07/23/13
US	END920020055US2	7958547	06/07/11
US	ROC920100310US1	8527760	09/03/13
US	RPS920080193US1	8086618	12/27/11
US	SVL920080012US1	7899614	03/01/11

**END OF EXHIBIT A**

**EXHIBIT C**

**ASSIGNED PATENT APPLICATIONS**

US Assigned Patent Applications

None

**END OF EXHIBIT C**