

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Shumian HE	05/17/2012
Shigaku IWABUCHI	05/17/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAKUTEN, INC.
<b>Street Address:</b>	4-12-3 Higashishinagawa
<b>City:</b>	Shinagawa-ku, Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	140-0002
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13504854
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	Q130644
<b>NAME OF SUBMITTER:</b>	Catherine C. Merino, New Apps Specialist
<b>Total Attachments: 1</b> source=Q130644_Q130644_Assignment#page1.tif	

OP \$40.00 13504854

# Assignment

Whereas, I/We, Shumian HE of Yokohama-shi, Kanagawa, Japan, and Shigaku IWABUCHI of Tsukuba-shi, Ibaraki, Japan hereinafter called assignor(s), have invented certain improvements in IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD AND IMAGE PROCESSING PROGRAM

and executed an application 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

(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,

I/We, the above named assignor(s), 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 the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – 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 I/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.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/504,854 and Confirmation number 5272, filed April 27, 2012) the filing date and application number of said application when known.

Date: May 17, 2012  
s/

何书勉

Date: May 17, 2012  
s/

岩淵志孝

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