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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
NAOKI CHIBA		07/07/2015	

RECEIVING PARTY DATA

Name:	RAKUTEN, INC.
Street Address:	4-12-3, HIGASHISHINAGAWA, SHINAGAWA-KU
City:	ТОКҮО
State/Country:	JAPAN
Postal Code:	104-0002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14766166

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:		Q221381			
NAME OF SUBMITTER:		ALEXANDER E. AUERBACH, NEW APP SPEC			
SIGNATURE:		/Alexander E. Auerbach/			
DATE SIGNED:		08/06/2015			
Total Attachments: 1 source=Q221381Assignmentasfiled#page1.tif					

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ASSIGNMENT

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Wh	ereas, Dwe,		
	Name	Address	
1)	Naoki CHIBA	c/o Rakuten, Inz., 4-12-3, Higashishinagewa, Shinagawa-ku, Tokyo 140-0002 Izpau	
~~/	Xinhao LIU	olo Rakoten, Inc., 4-12-3, Higathishinagawa, Shinagawa-ku, Tokyo 140-0002 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 even date herewith unless otherwise indicated below:

filed on <u>August 6, 2015</u>, Serial No. <u>14/766,166</u>; and Whereas

Rakuten, Inc.

4-12-3, Higashishinagawa,

arres y

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, 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):	Martin Clit	July 7, 2015		
Name :	Naoki CHIBA			
2) ;	Xinhao Lin	July 15, 2015		
Name :	Xinhao LIU			

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261) Page 1 of 1

RECORDED: 08/06/2015