

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroyuki Ryu	07/11/2013
RECEIVING PARTY DATA	
Name:	RAKUTEN, INC.
Street Address:	12-3, HIGASHISHINAGAWA 4-CHOME
City:	SHINAGAWA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	140-0002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6617527
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	wiersch@akpat.com
Correspondent Name:	ASHIDA & KIMURA PATENT ATTORNEYS
Address Line 1:	2-7 KANDANISHIKI-CHO
Address Line 2:	KYOHAN BUILDING 2ND FLOOR
Address Line 4:	CHIYODA-KU TOKYO, JAPAN 101-0054
ATTORNEY DOCKET NUMBER:	A-44-B
NAME OF SUBMITTER:	Michael P. Wiersch
Signature:	/Michael P. Wiersch, Reg. # 55996/
Date:	08/20/2013
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 1 source=Patent Assignment 6617527#page1.tif	

OP \$40.00 6617527

ASSIGNMENT

Hiroyuki Ryu, residing at 9-33, NAKAZATO 2-CHOME, MINAMI-KU, YOKOHAMA-SHI, KANAGAWA, JAPAN 232-0063 (individually and/or collectively Assignor) have invented certain new and useful improvements in Printed circuit board and manufacturing method of the printed circuit board for which a United States patent application was:

- executed on even date herewith.
- filed on October 3, 2001 as Application No. 09/969,032.

RAKUTEN, INC., a company, having a place of business at 12-3, HIGASHISHINAGAWA 4-CHOME, SHINAGAWA-KU, TOKYO, JAPAN 140-0002 (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the invention and all patents that may be granted therefor anywhere in the world.

In consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignor sells, assigns, and transfers unto Assignee the entire right, title, and interest in and to (a) the invention in the United States, (b) the application, (c) all provisional applications from which the application claims priority, (d) all nonprovisionals, divisions, continuations, continuations-in-part, reissues, reexaminations, substitutions, renewals, and extensions claiming priority directly or indirectly from the application including the right to claim for any such application the benefits of the International Convention; and (e) all patents that may be granted on any of the foregoing in the United States.

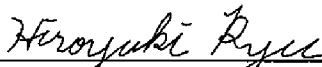
Assignor authorizes and requests the patent office officials in the United States to issue all of the patents, when granted, to Assignee as the owner of the entire right, title, and interest in and to the same.

Assignor agrees to communicate to Assignee or its representatives all facts known to Assignor respecting the invention; to testify in all legal proceedings; to sign all documents; to execute all nonprovisional, divisional, continuation, continuation-in-part, reissue, reexamination, substitution, renewal, and extension applications; to execute all necessary assignment documents to cause all of the patents to be issued to Assignee, to make all rightful oaths, and generally to do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper protection for the invention in the United States.

Witness:



Inventor:


[type name] Hiroyuki Ryu

Date:

July 11, 2013