506097580 06/09/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6144301

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAFIQ SHARIFF	05/14/2013
RAJESH PAREKH	05/17/2013
MATT DELAND	05/22/2013
BRIAN MULLINS	04/22/2020
KRIS URIE	05/28/2013
DEREK NORDQUIST	05/14/2013
SHAWN JEFFERY	05/24/2013
BOB BEATY	05/21/2013

### **RECEIVING PARTY DATA**

Name:	GROUPON, INC.	
Street Address:	600 W. CHICAGO AVE.	
Internal Address:	SUITE 620	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60654	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13803445

### **CORRESPONDENCE DATA**

Fax Number: (704)444-1111

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7044441000

Email: patent-mail@alston.com ALSTON & BIRD LLP Correspondent Name:

Address Line 1: 101 SOUTH TRYON STREET, SUITE 4000

Address Line 2: BANK OF AMERICA PLAZA

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280

ATTORNEY DOCKET NUMBER:	058407/428573
NAME OF SUBMITTER:	RUSSELL P. BLAISE

SIGNATURE:	/Russell P. Blaise/	
DATE SIGNED:	06/09/2020	
Total Attachments: 16		
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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

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its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the inventions as set forth in the United States Patent Application(s) identified on the attached Schedule A and any and all application(s) for United States Letters Patent(s), including all divisional, renewal, substitute, continuation, nonprovisional, continuation-in-part, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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5/14/2013

Date

Withess

Emy g. k. str.

Shafiq Sharif

Date:

Date: 5/14/ 13

A&B Matter Nos.	Serial No.	Filing Date	Title
428571	13/826,333	03/14/2013	Method, Apparatus, And Computer Program Product For Forecasting Demand
428572	13/826,866	03/14/2013	Method, Apparatus, And Computer Program Product For Calculating A Provider Quality Score
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
428579	13/804,316	03/14/2013	Method, Apparatus, And Computer Program Product For Determining Closing Metrics
428581	13/826,464	03/14/2013	Method, Apparatus, And Computer Program Product For Lead Assignment
428585	13/804,403	03/14/2013	Method, Apparatus, And Computer Program Product For Identifying A Service Need Via A Promotional System
428586	13/805,000	03/14/2013	Method, Apparatus, And Computer Program Product For Identification Of Supply Sources
428911	13/841,347	03/15/2013	Unified Payment And Return On Investment System
428912	13/796,635	03/12/2013	Deal Meter
430974	13/841,854	03/15/2013	Method And Apparatus

For Return On Investment
Impact Reporting

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Groupon, Inc. 600 W. Chicago Ave., Suite 620 Chicago, Illinois 60654

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the inventions as set forth in the United States Patent Application(s) identified on the attached Schedule A and any and all application(s) for United States Letters Patent(s), including all divisional, renewal, substitute, continuation, nonprovisional, continuation-in-part, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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5/17/2013

Rajesh Parekh

Witness

Date:\_

7/2013

Witness

Date:

5/17/2013

A&B Matter Nos.	Serial No.	Filing Date	Title
428571	13/826,333	03/14/2013	Method, Apparatus, And Computer Program Product For Forecasting Demand
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
428586	13/805,000	03/14/2013	Method, Apparatus, And Computer Program Product For Identification Of Supply Sources
428909	13/803,275	03/14/2013	Merchant Side Cross- Category Deal Diversity

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5-22-2013	Matt DeLand	
Date	Matt Deland	
Tingting Huang	5-22-2013 Date:	
Witness		
Cindy Zhou	5-22-2013 Date:	
Witness		

A&B Matter Nos.	Serial No.	Filing Date	Title
425360	13/826,757	03/14/2013	Method, Apparatus, And Computer Program Product For Determining A Provider Return Rate
428571	13/826,333	03/14/2013	Method, Apparatus, And Computer Program Product For Forecasting Demand
428572	13/826,866	03/14/2013	Method, Apparatus, And Computer Program Product For Calculating A Provider Quality Score
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
428579	13/804,316	03/14/2013	Method, Apparatus, And Computer Program Product For Determining Closing Metrics
428581	13/826,464	03/14/2013	Method, Apparatus, And Computer Program Product For Lead Assignment
428586	13/805,000	03/14/2013	Method, Apparatus, And Computer Program Product For Identification Of Supply Sources
430869	13/790,763	03/08/2013	Optimizing A Data Integration Process

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its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the inventions as set forth in the United States Patent Application(s) identified on the attached Schedule A and any and all application(s) for United States Letters Patent(s), including all divisional, renewal, substitute, continuation, nonprovisional, continuation-in-part, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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DocuSigned by:	
Brian Mullins	4/22/2020
Brian Mullins	Date

A&B Matter Nos.	Serial No.	Filing Date	Title
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation

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05-28-2013 Date	Kris Urie		
Witness	Date:		
Witness	Date:		

A&B Matter Nos.	Serial No.	Filing Date	Title
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
428581	13/826,464	03/14/2013	Method, Apparatus, And Computer Program Product For Lead Assignment

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211

Date

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Witness

**Derek Nordquist** 

Date: 511413

Date: 5/14/13

A&B Matter Nos.	Serial No.	Filing Date	Title
428571	13/826,333	03/14/2013	Method, Apparatus, And Computer Program Product For Forecasting Demand
428572	13/826,866	03/14/2013	Method, Apparatus, And Computer Program Product For Calculating A Provider Quality Score
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
428581	13/826,464	03/14/2013	Method, Apparatus, And Computer Program Product For Lead Assignment
428586	13/805,000	03/14/2013	Method, Apparatus, And Computer Program Product For Identification Of Supply Sources
428911	13/841,347	03/15/2013	Unified Payment And Return On Investment System
430974	13/841,854	03/15/2013	Method And Apparatus For Return On Investment Impact Reporting

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5/24/13 Date	Shawn Jeffery
Vitness	
Y ILLIESS	Date:
Witness	Date:

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May 21, 2013 Date	Robert E Beaty  Bob Beaty	
Witness	Date:	
Witness	Date:	

A&B Matter Nos.	Serial No.	Filing Date	Title
428572	13/826,866	03/14/2013	Method, Apparatus, And Computer Program Product For Calculating A Provider Quality Score
428573	13/803,445	03/14/2013	Method, Apparatus, And Computer Program Product For Sales Pipeline Automation
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PATENT REEL: 052879 FRAME: 0181

**RECORDED: 06/09/2020**