

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5635626

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMIT AGGARWAL	01/30/2014
DAVID THACKER	08/13/2013
SEAN O'BRIEN	05/30/2013
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:	16397333
CORRESPONDENCE DATA	
Fax Number:	(704)444-1111
<i>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.</i>	
Phone:	704-444-1000
Email:	grace.rippy@alston.com
Correspondent Name:	BRIAN C. ELLSWORTH
Address Line 1:	101 S. TRYON STREET
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280
ATTORNEY DOCKET NUMBER:	058407/528857
NAME OF SUBMITTER:	BRIAN C. ELLSWORTH
SIGNATURE:	/Brian C. Ellsworth/
DATE SIGNED:	07/25/2019
Total Attachments: 7	
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ASSIGNMENT - WORLDWIDE

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

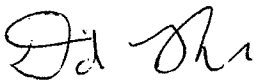
Groupon, Inc.
600 W. Chicago Ave., Suite 620
Chicago, Illinois 60654

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.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

8/13/2013

Date



David Thacker

Schedule A

Serial No.	Filing Date	Title
61/695,857	08/31/2012	Promotion Offering System
13/829,581	03/14/2013	Promotion Offering System
61/832,467	06/07/2013	Method, Apparatus, And Computer Program Product For Facilitating Dynamic Pricing
13/930,527	06/28/2013	Method And Apparatus For Generating An Electronic Communication
13/930,519	06/28/2013	Method And Apparatus For Generating An Electronic Communication
13/930,532	06/28/2013	Method And Apparatus For Generating An Electronic Communication
61/593,262	01/31/2012	Pre-Feature Promotion System
13/756,145	01/31/2013	Pre-Feature Promotion System
61/635,162	04/18/2012	Throttling System for Consumer Deals
13/839,142	03/15/2013	Throttling System for Consumer Deals
61/644,352	05/08/2012	Dynamic Promotion Analytics
13/839,360	03/15/2013	Dynamic Promotion Analytics
61/666,556	06/29/2012	Inbox Management System
13/839,958	03/15/2013	Inbox Management System
61/675,769	07/25/2012	Reimpression Promotion System
13/838,874	03/15/2013	Reimpression Promotion System
61/707,781	09/28/2012	Deal Program Life Cycle
13/839,499	03/15/2013	Deal Program Life Cycle
13/838,711	03/15/2013	Cadence Management System for Consumer Promotions
13/838,452	03/15/2013	Inbox Management System

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of Santa Clara

On 8/13/2013 before me,

T. Tucker

Here Insert Name and Title of the Officer

personally appeared

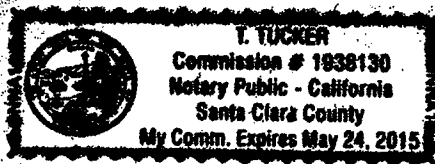
David Thacker

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature:

T. Tucker

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Corporate Officer — Title(s): _____

☐ Individual

☐ Individual

☐ Partner — ☐ Limited ☐ General

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Attorney in Fact

☐ Trustee

☐ Trustee

☐ Guardian or Conservator

☐ Guardian or Conservator

☐ Other: _____

☐ Other: _____

Signer Is Representing: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

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RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

PATENT

REEL: 049856 FRAME: 0584

ASSIGNMENT

WHEREAS, **Amit Aggarwal, David Thacker and Sean O'Brien** (hereinafter called the "Assignors"), have made the invention described in the United States patent application entitled **CADENCE MANAGEMENT SYSTEM FOR CONSUMER PROMOTIONS**, for a full description of which reference is here made to U.S. Utility Application Serial No. 13/838,711, filed on March 15, 2013, which claims priority to U.S. Provisional Application No. 61/666,556, filed on June 29, 2012.

WHEREAS, **Groupon, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at **600 West Chicago Avenue, Suite 620, Chicago, Illinois 60654**, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent applications identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: _____
WITNESSED: _____
AMIT AGGARWAL

DATE: _____
DATE: _____

DATE: _____
WITNESSED: _____
DAVID THACKER

DATE: _____
DATE: _____

DATE: 5/30/13 _____
WITNESSED: _____
SEAN O'BRIEN

DATE: 5/30/13 _____
DATE: 5/30/13 _____

ASSIGNMENT - WORLDWIDE

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.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

JAN 30, 2014
Date

Amit Aggarwal
Amit Aggarwal

Gupta
Witness

Date: 1/30/2014

[Signature]
Witness

Date: 1/30/2014

Schedule A

A&B Matter Nos.	Serial No.	Filing Date	Title
426664	61/593,262	01/31/2012	PRE-FEATURE PROMOTION SYSTEM
426664	61/635,162	04/18/2012	THROTTLING SYSTEM FOR CONSUMER DEALS
426664	61/644,352	5/8/2012	DYNAMIC PROMOTION ANALYTICS
426664	61/675,769	7/25/2012	REIMPRESSION PROMOTION SYSTEM
426664	61/666,556	6/29/2012	INBOX MANAGEMENT
426796	61/702,431	9/18/2012	CONSUMER CROSS- CATEGORY DEAL DIVERSITY
428898	13/829,581	3/14/2013	Promotion Offering System
436861	13/460,745	4/30/2012	SALES ENHANCEMENT SYSTEM
436866	61/707,781	9/28/2012	DEAL PROGRAM LIFE CYCLE
436867	13/756,145	1/31/2013	PRE-FEATURE PROMOTION SYSTEM
436870	13/839,142	3/15/2013	THROTTLING SYSTEM FOR CONSUMER DEALS
436876	13/839,360	3/15/2013	DYNAMIC PROMOTION ANALYTICS
436887	13/839,499	3/15/2013	DEAL PROGRAM LIFE CYCLE
436889	13/839,036	3/15/2013	PROMOTION SYSTEM FOR DETERMINING AND CORRECTING FOR INSUFFICIENCY OF PROMOTION DATA
436890	13/839,958	3/15/2013	INBOX MANAGEMENT SYSTEM
436891	13/841,433	3/15/2013	CONSUMER CROSS- CATEGORY DEAL DIVERSITY
436895	13/838,874	3/15/2013	REIMPRESSION PROMOTION SYSTEM
436897	13/838,711	3/15/2013	CADENCE MANAGEMENT SYSTEM FOR CONSUMER PROMOTIONS
436898	13/838,452	3/15/2013	INBOX MANAGEMENT SYSTEM
436921	PCT/US2013/048154	6/27/2013	INBOX MANAGEMENT