

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT4838411

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JASON CRAWFORD	07/30/2013
NATHANIEL B. SCHOLL	12/06/2013
JOSHUA PUCKETT	12/12/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GROUPON, INC.
<b>Street Address:</b>	600 W. CHICAGO AVE., SUITE 620
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60654
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61706664
<b>Application Number:</b>	13839414
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	704-444-1000
<b>Email:</b>	patent-mail@alston.com
<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	101 S TRYON ST, SUITE 4000
<b>Address Line 2:</b>	BANK OF AMERICA PLAZA
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280-4000
<b>ATTORNEY DOCKET NUMBER:</b>	058407/431022
<b>NAME OF SUBMITTER:</b>	BRIAN C. ELLSWORTH
<b>SIGNATURE:</b>	/Brian C. Ellsworth/
<b>DATE SIGNED:</b>	02/23/2018
<b>Total Attachments: 6</b>	
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**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each 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 invention in **"ONLINE ORDERING FOR IN-SHOP SERVICE"**

as set forth in this United States Patent Application

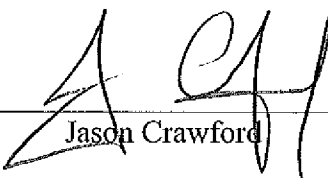
- executed concurrently herewith
- executed on \_\_\_\_\_
- Application No. 13/839,414; filed March 15, 2013
- Application claims priority from Application No. 61/706,664, filed September 27, 2012, all applications listed above being hereinafter referred to as the "application(s)";

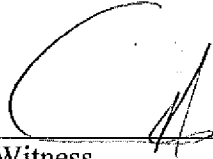
said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, 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.

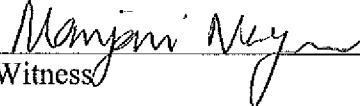
This Assignment is deemed to be effective at least as early as September 27, 2012 (the earliest priority date).

7/30/2013  
Date

  
Jason Crawford

  
Witness

Date: 07,30,13

  
Witness

Date: 07-30-2013

**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.

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12/6/2013  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Nathaniel B. Scholl

  
\_\_\_\_\_  
Witness

Date: 12/6/2013

\_\_\_\_\_  
Witness

Date: \_\_\_\_\_

## Schedule A

### **Nathaniel B. Scholl**

<b>A&amp;B Matter</b>	<b>Application Number</b>	<b>Title</b>	<b>Filing Date</b>
428907	13/839,226	Deal Generation Using Point-Of-Sale Systems And Related Methods	3/15/2013
431022	13/839,414	Online Ordering For In-Shop Service	3/15/2013

## ASSIGNMENT - WORLDWIDE

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**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.

12/12/2017  
Date

/ Joshua Puckett/  
**Joshua PUCKETT**

**Schedule A**

<b>A&amp;B Matter Nos.</b>	<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>
416990	61/618,338	3/30/2012	Generating Deal Offers And Providing Analytics Data
417699	61/640,647	4/30/2012	Deal Generation Using Point-Of-Sale Systems And Related Methods
420137	61/661,291	6/18/2012	Facilitating Consumer Payments And Redemptions Of Deal Offers
421509	61/707,664	9/28/2012	Facilitating Reward Program For Consumer Transactions And Redemptions Of Deal Offers
423299	61/706,664	9/27/2012	Online Ordering For In-Shop Service
426056	61/715,765	10/18/2012	Facilitating Reward Program For Consumer Transactions And Redemptions Of Deal Offers
428895	13/842,726	3/15/2013	Facilitating Consumer Payments And Redemptions Of Deal Offers
428900	13/833,548	3/15/2013	Generating Promotion Offers And Providing Analytics Data
428907	13/839,226	3/15/2013	Deal Generation Using Point-Of-Sale Systems And Related Methods
431022	13/839,414	3/15/2013	Online Ordering For In-Shop Service
431246	13/842,813	3/15/2013	Facilitating Consumer Payments And Redemptions Of Deal Offers
437756	14/039,453	9/27/2013	Facilitating Reward Program For Consumer Transactions And Redemptions Of Deal Offers