

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5342746

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARASH SHIVA	09/24/2013
MARIUS G. CIOCIRLAN	09/27/2013
FABIO SISINNI	10/03/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GROUPON, INC.
<b>Street Address:</b>	600 W. CHICAGO AVE
<b>Internal Address:</b>	SUITE 620
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60654
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16257335
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	usptomail@alston.com
<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	101 S TRYON STREET
<b>Address Line 2:</b>	BANK OF AMERICA PLAZA
<b>Address Line 4:</b>	CHARLOTTE, UNITED STATES 28280-4000
<b>ATTORNEY DOCKET NUMBER:</b>	058407/523938
<b>NAME OF SUBMITTER:</b>	BRIAN C. ELLSWORTH
<b>SIGNATURE:</b>	/Brian C. Ellsworth/
<b>DATE SIGNED:</b>	01/25/2019
<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, the undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

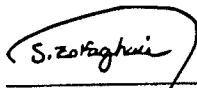
Groupon, Inc.  
600 W. Chicago Ave., Suite 620  
Chicago, Illinois 60654

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.

Sept 24, 2013  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Arash Shiva

  
\_\_\_\_\_  
Witness

Date: Sept 24, 2013

\_\_\_\_\_  
Witness

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

## **Schedule A**

<b>Arash Shiva</b>			
<b>A&amp;B Matter</b>	<b>Application Number</b>	<b>Title</b>	<b>Filing Date</b>
433596	61/840,939	Interactive Personalized Graphical Feedback Overlay	6/28/2013

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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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09/27/2013

Date

  
Marius G. Ciocirlan

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

Witness

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

Witness

## **Schedule A**

<b>Marius G. Ciocirlan</b>			
<b>A&amp;B Matter</b>	<b>Application Number</b>	<b>Title</b>	<b>Filing Date</b>
433596	61/840,939	Interactive Personalized Graphical Feedback Overlay	6/28/2013

## ASSIGNMENT - WORLDWIDE

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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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10/3/2013

Date

GURUBARAN V SETHUPATHI

V. S. Gurubaran.

Witness

  
\_\_\_\_\_  
Fabio Sisinni

Date: 10/3/2013.

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

Witness

## **Schedule A**

<b>Fabio Sisinni</b>			
<b>A&amp;B Matter</b>	<b>Application Number</b>	<b>Title</b>	<b>Filing Date</b>
425364	13/773,184	Method For Testing Mobile Application And Associated Apparatus And System	2/21/2013
433596	61/840,939	Interactive Personalized Graphical Feedback Overlay	6/28/2013