

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4806778

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SRI VISWANATH	03/24/2015
ERIC HYCHE	06/02/2015
PETER BERGSTROM	03/18/2015
MICHAEL BURTON	04/10/2015
DOR LEVI	06/09/2015
FABIO SISINNI	09/19/2015
DON ALBERT CHENNAVASIN	03/31/2015
MARIUS G. CIOCIRLAN	03/13/2015
BEN KIM	06/16/2015
RIAZ RAHIM	03/27/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GROUPON, INC.
<b>Street Address:</b>	600 WEST CHICAGO AVENUE
<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>	14626381
<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>	usptomail@alston.com
<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	BANK OF AMERICA PLAZA
<b>Address Line 2:</b>	101 SOUTH TRYON STREET, SUITE 4000
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280-4000

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	058407/457021
<b>NAME OF SUBMITTER:</b>	ZACHARY A. HIGBEE
<b>SIGNATURE:</b>	/Zachary A. Higbee/
<b>DATE SIGNED:</b>	02/02/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 20**

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**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR DEFINING CONSUMER INTERACTIONS FOR INITIATING EXECUTION OF COMMANDS</b>
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As the below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
- ☒ United States Application or PCT International Application No. 14/626,381, filed on 2/19/2015;
- ☒ Application claims priority from Application No. 62/017,776, filed 6/26/2014, and claims priority from Application No. 62/017,781, filed 6/26/2014, and claims priority from Application No. 62/017,783, filed 6/26/2014, and claims priority from Application No. 62/017,787, filed 6/26/2014, and claims priority from Application No. 62/017,793, filed 6/26/2014, and claims priority from Application No. 62/017,795, filed 6/26/2014, and claims priority from Application No. 61/943,242, filed 2/21/2014, all applications listed above being hereinafter referred to as the "application(s)";

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas,

**GROUPON, INC.**  
600 West Chicago Avenue, Suite 620  
Chicago, IL 60654

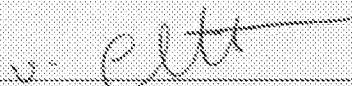
hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in the application identified above, and in and to any and all

Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

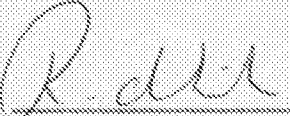
Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, 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.


This Assignment is deemed to be effective at least as early as the earliest priority date.

LEGAL NAME OF INVENTOR

  
\_\_\_\_\_  
Inventor: Sri Viswanath

Date: 3/24/15

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness Name (Printed)

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness Name (Printed)

**DECLARATION AND ASSIGNMENT  
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Whereas,

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600 West Chicago Avenue, Suite 620  
Chicago, IL 60654

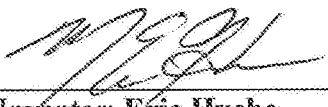
hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in the application identified above, and in and to any and all

Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee 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 identified above, including said application for United States Letters Patent, 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.

This Assignment is deemed to be effective at least as early as the earliest priority date.

LEGAL NAME OF INVENTOR

 (Signature) Date: 6/2/2005  
Inventor: **Eric Hyche**

   
Witness Witness Name (Printed)

\_\_\_\_\_  
Witness Witness Name (Printed)

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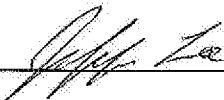
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LEGAL NAME OF INVENTOR

  
Inventor: **Peter Bergstrom** (Signature)

Date: 3/18/2015

  
Witness

Jeffrey Lee  
Witness Name (Printed)

  
Witness

Daniel Beard  
Witness Name (Printed)



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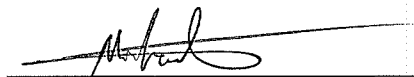
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LEGAL NAME OF INVENTOR

  
Inventor: **Michael Burton** (Signature)

Date: 4/10/15

  
Witness

Jim Ma  
Witness Name (Printed)

  
Witness

Douglas Rendro  
Witness Name (Printed)

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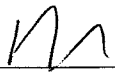
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LEGAL NAME OF INVENTOR

  
\_\_\_\_\_  
Inventor: **Dor Levi** (Signature)

Date: 06/09/15

  
\_\_\_\_\_  
Witness

IZZET SAFER  
\_\_\_\_\_  
Witness Name (Printed)

  
\_\_\_\_\_  
Witness

Sherese Schlosser  
\_\_\_\_\_  
Witness Name (Printed)

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Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas,

**GROUPON, INC.**  
600 West Chicago Avenue, Suite 620  
Chicago, IL 60654

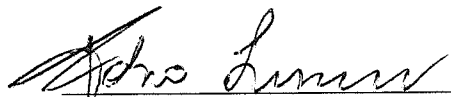
hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in the application identified above, and in and to any and all

Letters Patent which shall be granted therefor in the United States of America and all foreign countries;


Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee 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 identified above, including said application for United States Letters Patent, 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.

This Assignment is deemed to be effective at least as early as the earliest priority date.

LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Fabio Sisinni**

Date: 9/19/2015

  
Witness

CRISTIANA PALMIERI  
Witness Name (Printed)

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness Name (Printed)

**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR DEFINING CONSUMER INTERACTIONS FOR INITIATING EXECUTION OF COMMANDS</b>
-------------------------------	--

As the below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
- ☒ United States Application or PCT International Application No. 14/626,381, filed on 2/19/2015;
- ☒ Application claims priority from Application No. 62/017,776, filed 6/26/2014, and claims priority from Application No. 62/017,781, filed 6/26/2014, and claims priority from Application No. 62/017,783, filed 6/26/2014, and claims priority from Application No. 62/017,787, filed 6/26/2014, and claims priority from Application No. 62/017,793, filed 6/26/2014, and claims priority from Application No. 62/017,795, filed 6/26/2014, and claims priority from Application No. 61/943,242, filed 2/21/2014, all applications listed above being hereinafter referred to as the "application(s)";

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas,

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Chicago, IL 60654

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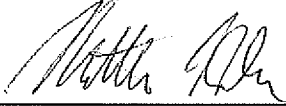
Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, 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.

This Assignment is deemed to be effective at least as early as the earliest priority date.

LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Don Albert Chennavasin**

Date: 3/31/15

  
Witness

Matthew Helmel  
Witness Name (Printed)

  
Witness

RIAZ RAHIM  
Witness Name (Printed)



DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS

Title of Invention	METHOD AND SYSTEM FOR DEFINING CONSUMER INTERACTIONS FOR INITIATING EXECUTION OF COMMANDS
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Application claims priority from Application No. 62/017,776, filed 6/26/2014, and claims priority from Application No. 62/017,781, filed 6/26/2014, and claims priority from Application No. 62/017,783, filed 6/26/2014, and claims priority from Application No. 62/017,787, filed 6/26/2014, and claims priority from Application No. 62/017,793, filed 6/26/2014, and claims priority from Application No. 62/017,795, filed 6/26/2014, and claims priority from Application No. 61/943,242, filed 2/21/2014, all applications listed above being hereinafter referred to as the "application(s)";

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Chicago, IL 60654

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Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby calls

and assigns, unto said assignee 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 identified above, including said application for United States Letters Patent, 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.

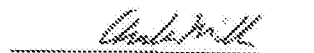
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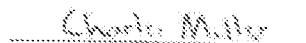
LEGAL NAME OF INVENTOR

 (Signature)

Date: 02/13/15

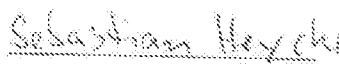
Inventor: Marius G. Ciocirlan





Witness 

Witness Name (Printed)



Witness

Witness Name (Printed)

**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR DEFINING CONSUMER INTERACTIONS FOR INITIATING EXECUTION OF COMMANDS</b>
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- ☒ Application claims priority from Application No. 62/017,783, filed on 02/26/2014, Application No. 62/017,781, filed on 06/26/2014, Application No. 62/017,787, filed on 02/26/2014, Application No. 62/017,795, filed on 02/26/2014, Application No. 62/017,793, filed on 06/26/2014, Application No. 62/017,776, filed on 06/26/2014 and Application No. 61/943,242, filed on 02/21/2014, all applications listed above being hereinafter referred to as the "application(s)";

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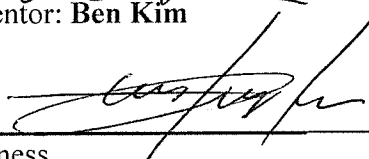
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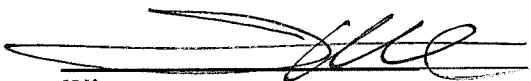
LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Ben Kim**

Date: 6/16/15

  
Witness

8-31-2015  
Witness Name (Printed)

  
Witness

8/31/15  
Witness Name (Printed)

**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

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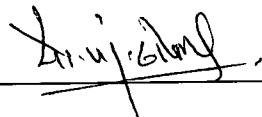
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LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Riaz Rahim**

Date: 3/27/15

  
Witness

YOGESH DHOLE  
Witness Name (Printed)

Michael Yin  
Witness

Michael Yin  
Witness Name (Printed)