

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT8191430

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GASTON L'HUILLIER	01/06/2016
FRANCISCO JOSE LARRAIN	01/31/2016
HERNAN ENRIQUE ARROYO GARCIA	12/10/2015
JUZHENG LI	01/03/2016
DANIEL LANGDON	12/09/2015
JONATHAN ESTERHAZY	12/10/2015
SRINIVASA RAGHAVAN VEDANARAYANAN	12/10/2015
SHAWN JEFFERY	12/21/2015
FERAS KARABLIEH	12/14/2015
BHUPESH BANSAL	01/27/2016
DOR LEVI	01/28/2016
AMIT KOREN	12/23/2015
<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>	17132915
<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>	7044441000
<b>Email:</b>	usptomail@alston.com, lauren.white@alston.com
<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	1120 SOUTH TRYON STREET, SUITE 300

PATENT

**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28203-6818

<b>ATTORNEY DOCKET NUMBER:</b>	058407/553395
<b>NAME OF SUBMITTER:</b>	LAUREN E. WHITE
<b>SIGNATURE:</b>	/Lauren E. White/
<b>DATE SIGNED:</b>	09/27/2023

**Total Attachments: 24**

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

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR PROGRAMMATIC ANALYSIS OF CONSUMER REVIEWS</b>
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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: Gaston L'Huillier

Date: 01/06/2016

  
Witness

Amit Korer  
Witness Name (Printed)

  
Witness

Bhupesh Bansal  
Witness Name (Printed)

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LEGAL NAME OF INVENTOR

  
 \_\_\_\_\_ (Signature)  
 Inventor: **Francisco Jose Larrain**

Date: 1/31/16

\_\_\_\_\_  
 Witness

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

\_\_\_\_\_  
 Witness

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

**DECLARATION AND ASSIGNMENT  
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LEGAL NAME OF INVENTOR

Hernan Arroyo (Signature)  
Inventor: **Hernan Enrique Arroyo Garcia**

Date: 12/10/2015

Taf Paul  
Witness

Taylor Raack  
Witness Name (Printed)

[Signature]  
Witness

Jonathan Esterhazy  
Witness Name (Printed)



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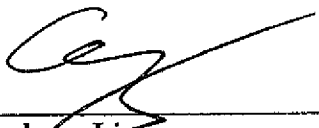
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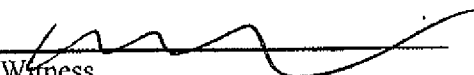
LEGAL NAME OF INVENTOR

  
 \_\_\_\_\_ (Signature)  
 Inventor: Juzheng Li

Date: 1 / 3 / 2016

  
 \_\_\_\_\_  
 Witness

Caijie Zhang  
 \_\_\_\_\_  
 Witness Name (Printed)

  
 \_\_\_\_\_  
 Witness

Yan Sun  
 \_\_\_\_\_  
 Witness Name (Printed)

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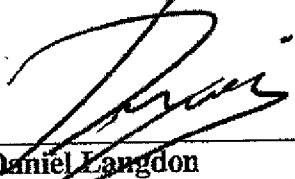
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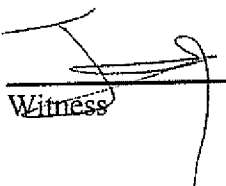
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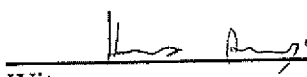
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LEGAL NAME OF INVENTOR

 (Signature) Date: Dec 9, 2015  
Inventor: **Daniel Langdon**

  
Witness

Jonathan Esterhazy  
Witness Name (Printed)

  
Witness

Jonathan Esterhazy  
Witness Name (Printed)

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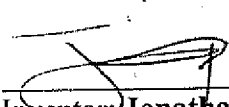
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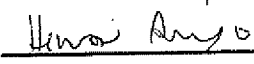
Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns 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.

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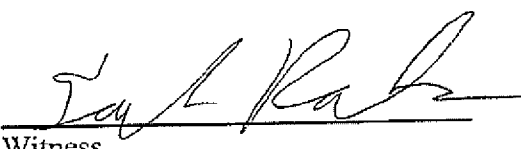
LEGAL NAME OF INVENTOR

  
 \_\_\_\_\_ (Signature)  
 Inventor: Jonathan Esterhazy

Date: 12/10/15

  
 \_\_\_\_\_  
 Witness

HENNI Anny  
 \_\_\_\_\_  
 Witness Name (Printed)

  
 \_\_\_\_\_  
 Witness

Taylor Raack  
 \_\_\_\_\_  
 Witness Name (Printed)

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

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR PROGRAMMATIC ANALYSIS OF CONSUMER REVIEWSr</b>
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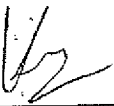
**GROUPON, INC.**  
600 West Chicago Avenue, Suite 620  
Chicago, IL 60654

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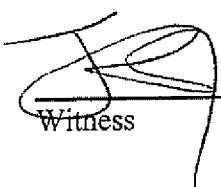
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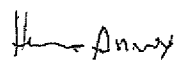
LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Srinivasa Raghavan Vedanarayanan**

Date: 12/10/2015

  
Witness

Jonathan Esterhuysen  
Witness Name (Printed)

  
Witness

HERRMAN ANNOYO  
Witness Name (Printed)



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

<b>Title of Invention</b>	<b>METHOD AND SYSTEM FOR PROGRAMMATIC ANALYSIS OF CONSUMER REVIEWS</b>
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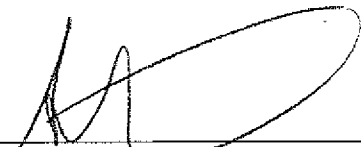
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Chicago, IL 60654

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LEGAL NAME OF INVENTOR

  
 \_\_\_\_\_ (Signature)  
 Inventor: **Shawn Jeffery**

Date: 12/21/15

  
 \_\_\_\_\_  
 Witness

Anna Wolfertman  
 \_\_\_\_\_  
 Witness Name (Printed)

  
 \_\_\_\_\_  
 Witness

Tim Dwyer  
 \_\_\_\_\_  
 Witness Name (Printed)

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

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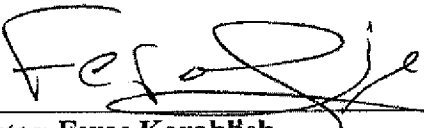
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LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Feras Karablieh**

Date: 12/14/2015

\_\_\_\_\_  
Witness

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

\_\_\_\_\_  
Witness

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

**DECLARATION AND ASSIGNMENT  
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Whereas,


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Chicago, IL 60654

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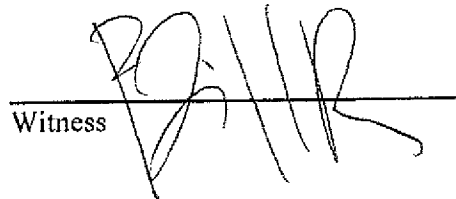
LEGAL NAME OF INVENTOR

 (Signature)  
Inventor: **Bhupesh Bansal**

Date: 01/27/2016

  
Witness

GASTON L'HUILLIER  
Witness Name (Printed)

  
Witness

Ricardo Zillewilo  
Witness Name (Printed)

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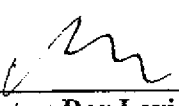
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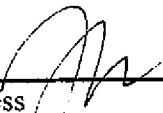
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LEGAL NAME OF INVENTOR

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

28/01/16  
 Date: ~~28/02/16~~

  
 \_\_\_\_\_  
 Witness

JENNIFER PHANNUYEN  
 \_\_\_\_\_  
 Witness Name (Printed)

  
 \_\_\_\_\_  
 Witness

TARIK ABDEL-GAWAD  
 \_\_\_\_\_  
 Witness Name (Printed)



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LEGAL NAME OF INVENTOR

Amit Koren (Signature) Date: 12/23/15  
Inventor: **Amit Koren**

Dena Koren  
Witness  
Dena Koren  
Witness Name (Printed)

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