PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REBECCA ABIGAIL RESNICK KOSSNICK	05/13/2020
MATT WHEELER	05/18/2020
SUDARSHAN SESHADRI	05/18/2020
MEHUL SHAH	09/12/2015

RECEIVING PARTY DATA

Name:	GROUPON, INC.
Street Address:	600 W. CHICAGO AVE., SUITE 620
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60654

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539937

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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.

Phone: 704-444-1000

Email:usptomail@alston.comCorrespondent Name:CHRISTINE W. BENINATIAddress Line 1:101 S. TRYON STREET

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280

ATTORNEY DOCKET NUMBER:	058407/454803
NAME OF SUBMITTER:	CHRISTINE W. BENINATI
SIGNATURE:	/Christine W. Beninati/
DATE SIGNED:	09/15/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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PATENT REEL: 053771 FRAME: 0216

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PATENT REEL: 053771 FRAME: 0217

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of	SOURCING GOODS BASED ON PRE-FEATURE ANALYTICS
Invention	SOURCING GOODS BASED ON FRE-FEATURE ANALT TICS

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

This de	eclaration is directed to:
	the attached application, or United States Application or PCT International Application No. <u>14/539,937</u> , filed on
_	November 12, 2014;
	Application is a <u>Continuation</u> of Application <u>14/446,088</u> , filed <u>July 29, 2014</u> , which claims priority from Application No. <u>61/860,219</u> , filed <u>July 30, 2013</u> , 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.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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;

Page 1 of 2

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

LEGAL NAME OF INVENTOR

/ Rebecca Abigail Resnick Eossnick / (Signature) Date: 5/13/2020

Inventor: Rebecca Abigail Resnick Kossnick

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of	SOURCING GOODS BASED ON PRE-FEATURE ANALYTICS
Invention	SOURCING GOODS BASED ON FRE-TEATURE ANALT TIC.

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This de	eclaration is directed to:
$\overline{\boxtimes}$	the attached application, or United States Application or PCT International Application No. <u>14/539,937</u> , filed on November 12, 2014;
\boxtimes	Application is a <u>Continuation</u> of Application <u>14/446,088</u> , filed <u>July 29, 2014</u> , which claims priority from Application No. <u>61/860,219</u> , filed <u>July 30, 2013</u> , all applications listed above being hereinafter referred to as the "application(s)";

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Page 1 of 2

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

LEGAL NAME OF INVENTOR

Mat Wuter / (Signature) Date: 5/18/2020

Inventor: Matt Wheeler

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of	SOURCING GOODS BASED ON PRE-FEATURE ANALYTICS
Invention	SOURCING GOODS BASED ON FRE-FEATURE ANALT TICS

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

November 12, 2014; Application is a Continuation of Application 14/446,088, filed July 29, 2014, which claims priority from Application No. 61/860,219, filed July 30, 2013, all application	This de	eclaration is directed to:
Application is a <u>Continuation</u> of Application <u>14/446,088</u> , filed <u>July 29, 2014</u> , which claims priority from Application No. <u>61/860,219</u> , filed <u>July 30, 2013</u> , all application		United States Application or PCT International Application No. 14/539,937, filed on
		November 12, 2014; Application is a <u>Continuation</u> of Application <u>14/446,088</u> , filed <u>July 29, 2014</u> , which claims priority from Application No. <u>61/860,219</u> , filed <u>July 30, 2013</u> , all applications listed above being hereinafter referred to as the "application(s)";

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Page 1 of 2

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

LEGAL NAME OF INVENTOR

Sudarshan Seshadri

Inventor: Sudarshan Seshadri

/ (Signature)

Date:5/18/2020

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of	SOURCING GOODS BASED ON PRE-FEATURE ANALYTICS
Invention	

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

This d	eclaration is directed to:
	the attached application, or
X	United States Application or PCT International Application No. <u>14/539,937</u> , filed on 11/12/2014.
\boxtimes	11/12/2014; Application claims priority from Application No. 14/446,088, filed 07/29/2014 and
	Application No. 61/860,219, filed 07/30/2013, 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.

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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

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PATENT REEL: 053771 FRAME: 0224

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

LEGAL NAME OF INVENTOR

Inventor: Mehul Shah	(Signature)	Date: 9-12-2017
Witness	$\overline{\mathrm{W}}$	itness Name (Printed)
Witness	$\overline{\mathrm{W}}$	itness Name (Printed)

PATENT REEL: 053771 FRAME: 0225

RECORDED: 09/15/2020