505132554 10/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5179317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOOZWARE, INC.	04/19/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16154909

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: SUITE 4000

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	058407/518118		
NAME OF SUBMITTER:	RUSSELL P. BLAISE		
SIGNATURE:	/Russell P. Blaise/		
DATE SIGNED:	10/09/2018		

Total Attachments: 5

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PATENT REEL: 047105 FRAME: 0980

EXHIBIT B - ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, HOOZWARE, INC. ("Assignor"), a California corporation, having a mailing address of 969-G Edgewater Blvd. #301, Foster City, CA 94404, does hereby sell, assign, transfer, and convey unto GROUPON, INC., a Delaware corporation, having a mailing address of 600 W. Chicago Ave., Suite 420, Chicago, IL 60654 ("Assignee"), or its designees all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, the "Patent Rights"):

- (a) the invention disclosures, provisional patent applications, patent applications and patents listed below (the "Patents");
- (b) all provisional patent applications, patent applications, patents or other governmental grants or issuances (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) to which any of the Patents is terminally disclaimed;
- (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions of any item in the foregoing categories (a) and (b);
- (d) foreign patents, patent applications, and counterparts relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) items in any of the foregoing in categories (a) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) rights to all inventions, invention disclosures, and discoveries described in any item in the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (g) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (a) through (g), including, without limitation, all causes of action and other enforcement rights for

(i) damages, (ii) injunctive relief, and (iii) other remedies of any kind for past,

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current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in the foregoing categories (b) through (h).

Patent, Application , or Publication No.	Country	Filing Date	Title of Patent and First Named Inventor(s)
60/823,573	USA	Aug. 25, 2006	System for Providing A Service to Venues Where People Aggregate, J.F. Kramer
61/313,132	USA	Mar. 12, 2010	System For Providing A Service to Venues Where People Perform Transactions, J.F. Kramer
61/590,733	USA	Jan. 25, 2012	System for embedding real- time demographics into local business listings, J.F. Kramer
7,788,188	USA	Jan. 30, 2006	System for Providing A Service to Venues Where People Aggregate, J.F. Kramer
7,856,360	USA	July 18, 2008	System For Providing A Service to Venues Where People Aggregate, J.F. Kramer
8,103,519	USA	Jul. 30, 2008	System For Marketing Campaign Specification And Secure Digital Coupon Redemption, J.F. Kramer
12/396,467	USA	Mar. 2, 2009	Method For Providing Information to Contacts Without Being Given Contact Data, J.F. Kramer
12/973,947	USA	Dec. 21, 2010	System For Providing A Service to Venues Where People Perform Transactions, J.F. Kramer



Patent, Application , or Publication No.	Country	Filing Date	Title of Patent and First Named Inventor(s)
13/329,307	USA	Dec. 18, 2011	System For Marketing Campaign Specification And Secure Digital Coupon Redemption, J.F. Kramer
13/751,035	USA	Jan. 25, 2013	System and Method For Providing Mobile Alerts to Members Of A Social Network, J.F. Kramer
PCT/US07/61328	PCT	Jan. 30, 2007	System For Providing A Service to Venues Where People Aggregate, J.F. Kramer
WO 2007/090133	WIPO	Aug. 9, 2007	System For Providing A Service to Venues Where People Aggregate, J.F. Kramer

Assignor represents, warrants and covenants that:

- (1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and
- (2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. To Assignor's knowledge, the Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. Assignor is not aware of any actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in

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the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

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IN WITNESS WHEREOF this Assignment of Patent Rights is executed at **ASSIGNOR** By: HOOZWARE, INC. CED Title: (Signature MUST be notarized) STATE OF California COUNTY OF Sem Nates
On April 192613, before me, ALBORT AHOURAI, Notary Public in and for said State, personally appeared JAMES L. KRAMER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature_ (Seal)

Notary / Witnessing Service Provided By

1098 Foster City Blvd., Suite #106 Foster City, CA 94404

Phone: (650) 341-4000 Fax: (650) 341-5005 www.theupsstorelocal.com/4153

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ALBORZ AHOURAI Commission # 1848053 Notary Public - California San Mateo County My Comm. Expires Jun 4, 2013

RECORDED: 10/09/2018