

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI51236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS

CONVEYING PARTY DATA

Name	Execution Date
JPMORGAN CHASE BANK, N.A.	02/12/2024

RECEIVING PARTY DATA

Company Name:	GROUPON, INC.
Street Address:	35 W. WACKER
Internal Address:	FLOOR 25
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60601
Company Name:	LIVINGSOCIAL, LLC (F/K/A LIVINGSOCIAL, INC.)
Street Address:	35 W. WACKER
Internal Address:	FLOOR 25
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60601

PROPERTY NUMBERS Total: 51

Property Type	Number
Patent Number:	11593836
Patent Number:	11593838
Patent Number:	11593841
Patent Number:	11593832
Patent Number:	11587116
Patent Number:	11587123
Patent Number:	11587104
Patent Number:	11582164
Patent Number:	11579768
Patent Number:	11579891
Patent Number:	11580708
Patent Number:	11574335
Patent Number:	11570574

PATENT

Property Type	Number
Patent Number:	11568440
Patent Number:	11562443
Patent Number:	11544774
Patent Number:	11544728
Patent Number:	11546727
Application Number:	17810395
Patent Number:	11538018
Patent Number:	11538263
Application Number:	17805784
Application Number:	17716785
Application Number:	17842637
Application Number:	17827218
Application Number:	17807520
Patent Number:	11514462
Application Number:	17873837
Application Number:	17662451
Patent Number:	11501361
Patent Number:	11496785
Application Number:	17749525
Patent Number:	11488201
Patent Number:	11481814
Patent Number:	11475483
Patent Number:	11468475
Patent Number:	11468463
Patent Number:	11468456
Patent Number:	11449895
Application Number:	17657058
Application Number:	17647751
Patent Number:	11381488
Patent Number:	11354716
Application Number:	17449880
Application Number:	17574514
Application Number:	17456997
Application Number:	17451997
Application Number:	17452005
Application Number:	17355422
Application Number:	17181061
Application Number:	17443284

CORRESPONDENCE DATA**Fax Number:** 2124552502

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: 2124552592**Email:** ksolomon@stblaw.com**Correspondent Name:** COURTNEY WELSHIMER ESQ.**Address Line 1:** SIMPSON THACHER & BARTLETT LLP**Address Line 2:** 425 LEXINGTON AVENUE**Address Line 4:** NEW YORK, NEW YORK 10017

ATTORNEY DOCKET NUMBER:	036971/0005
NAME OF SUBMITTER:	KIMBERLY SOLOMON
SIGNATURE:	KIMBERLY SOLOMON
DATE SIGNED:	02/26/2024

Total Attachments: 10

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TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS

THIS TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY RIGHTS dated as of February 12, 2024 (this "Release") is granted by JPMorgan Chase Bank, N.A., acting in its capacity as Administrative Agent (in such capacity, the "Secured Party") for the Secured Parties under the Security Agreement referred to below, in favor of GROUPON, INC. (the "Company") and LIVINGSOCIAL, LLC (f/k/a LivingSocial, Inc.) (collectively, the "Grantors" and each, a "Grantor"). Capitalized terms used but not defined herein have the meanings set forth (or incorporated) in the Security Agreement or the IP Security Agreement (each as defined below), as applicable.

W I T N E S S E T H:

WHEREAS, pursuant to (a) the Third Amended and Restated Pledge and Security Agreement dated as of July 17, 2020 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement") among the Company, certain subsidiaries of the Company and the Secured Party and (b) that certain First Amended and Restated Patent and Trademark Security Agreement dated as of March 13, 2023 (the "IP Security Agreement") among the Grantors and the Secured Party, each Grantor pledged, assigned and granted the Secured Party, on behalf of and for the ratable benefit of the Secured Parties, a security interest (the "Security Interest") in all of such Grantor's right, title and interest in, to and under the Patent and Trademark Collateral (as such term is defined in the IP Security Agreement), including, without limitation, those patents and patent applications listed on Schedule I hereto and those trademark registrations and applications listed on Schedule I hereto;

WHEREAS, the IP Security Agreement was recorded (i) by the Commissioner for Patents of the United States Patent and Trademark Office on March 20, 2023 at Reel 063119, Frame 0673 and (ii) by the Commissioner for Trademarks of the United States Patent and Trademark Office on March 20, 2023 at Reel 8025, Frame 0599; and

WHEREAS, the Grantors have requested, and the Secured Party has agreed, to provide this Release in order to terminate and release its Security Interest in the Patent and Trademark Collateral (as such term is defined in the IP Security Agreement), including, without limitation, those patents and patent applications listed on Schedule I hereto and those trademark registrations and applications listed on Schedule I hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Secured Party hereby terminates, releases, discharges and cancels all of its Security Interest in the Patent and Trademark Collateral (as such term is defined in the IP Security Agreement), including, without limitation, those patents and patent applications listed on Schedule I hereto and those trademark registrations and applications listed on Schedule I hereto, and any right, title or interest of the Secured Party in the Patent and Trademark Collateral shall terminate and be of no further force or effect. If and to the extent the Secured Party has acquired any right, title or interest in, to and under the Patent and Trademark Collateral (as such term is defined in the IP Security Agreement), including, without limitation, those patents and patent applications listed on Schedule I hereto and those trademark registrations and applications listed on Schedule I hereto, the Secured Party hereby re-transfers, re-conveys, and re-assigns such right, title or interest to the Grantors. The Secured Party hereby terminates and cancels the IP Security Agreement.

The Grantors or any designee of the Grantors, or their respective designees or counsel, are authorized to file this Release with the United States Patent and Trademark Office in order to evidence the termination and release of the Secured Party's Security Interest with respect to the Patent and Trademark Collateral. The Secured Party agrees that it will (as promptly as practicable) deliver to the Grantors such

other releases and other documents as any Grantor may reasonably request to effect and/or evidence the termination of the Security Interest in the Patent and Trademark Collateral. This Release shall be governed by, and construed in accordance with, the law of the State of New York.

IN WITNESS WHEREOF, the Secured Party has caused this Release to be duly executed and delivered by its officer thereunto duly authorized as of the day and year first above written.

JPMORGAN CHASE BANK, N.A.

By: Ch. Lathrop
Name: Christine Lathrop
Title: Executive Director

Acknowledged and agreed:

GROUPON, INC.

Jiri Ponrt
By: Jiri Ponrt (Feb 21, 2024 16:04 CST)
Name: Jiri Ponrt
Title: Chief Financial Officer

LIVINGSOCIAL, LLC

Jiri Ponrt
By: Jiri Ponrt (Feb 21, 2024 16:04 CST)
Name: Jiri Ponrt
Title: Chief Financial Officer

SCHEDULE 1
TO
TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY
RIGHTS

PATENTS

Country	Title	Status	Filed Date	Serial No.	Patent No.	Issue Date	Owner
United States	Inbox Management System	Issued	1/13/2021	17/148,239	11,593,836	2/28/2023	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Providing A Shared Map Interface	Issued	6/9/2021	17/303,874	11,593,838	2/28/2023	Groupon, Inc.
United States	Promotional System Interaction Tracking	Issued	6/30/2021	17/364,799	11,593,841	2/28/2023	Groupon, Inc.
United States	Deal Scoring System And Method	Issued	8/10/2021	17/444,794	11,593,832	2/28/2023	Groupon, Inc.
United States	Predictive Recommendation System	Issued	10/2/2020	17/062,026	11,587,116	2/21/2023	Groupon, Inc.
United States	Predictive Recommendation System Using Absolute Relevance	Issued	12/17/2020	17/125,158	11,587,123	2/21/2023	Groupon, Inc.
United States	Transaction Processing System	Issued	12/9/2020	17/116,613	11,587,104	2/21/2023	Groupon, Inc.
United States	System And Method For Object-Response Asset Authorization And Pairing	Issued	7/8/2021	17/370,349	11,582,164	2/14/2023	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Facilitating The Playback Of Interface Events	Issued	12/27/2021	17/646,016	11,579,768	2/14/2023	Groupon, Inc.
United States	Mobile Service Applications	Issued	12/31/2020	17/247,938	11,579,891	2/14/2023	Groupon, Inc.
United States	Interactive Virtual Reality System	Issued	8/13/2021	17/445,003	11,580,708	2/14/2023	Groupon, Inc.
United States	Apparatus And Method For Utilizing Immediate Gratification Promotions	Issued	12/9/2020	17/116,871	11,574,335	2/7/2023	Groupon, Inc.
United States	Method And System For Enabling The Creation And Maintenance Of Proximity-Related User Groups	Issued	9/4/2020	17/012,763	11,570,574	1/31/2023	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Automated Approval Of A Promotion Structure	Issued	12/2/2021	17/540,793	11,568,440	1/31/2023	Groupon, Inc.

Country	Title	Status	Filed Date	Serial No.	Patent No.	Issue Date	Owner
United States	Systems And Methods To Implement Point Of Sale (Pos) Terminals, Process Orders And Manage Order Fulfillment	Issued	9/18/2020	17/025,710	11,562,443	1/24/2023	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Device Rendered Object Sets Based On Multiple Objectives	Issued	8/24/2020	17/001,500	11,544,774	1/3/2023	Groupon, Inc. ¹
United States	Facilitating Consumer Payments And Redemptions Of Deal Offers	Issued	1/14/2021	17/148,908	11,544,728	1/3/2023	Groupon, Inc.
United States	Presence Detection Based On Crowd Surfing Signal Strength	Issued	10/6/2021	17/495,194	11,546,727	1/3/2023	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Forecasting Demand Using Real Time Demand	Published	7/1/2022	17/810,395			Groupon, Inc.
United States	Secure Communication Protocols For Proximity-Based Validation In Distributed Multi-Device Frameworks	Issued	5/14/2021	17/320,915	11,538,018	12/27/2022	Groupon, Inc.
United States	Optical Receipt Processing	Issued	12/8/2020	17/115,447	11,538,263	12/27/2022	Groupon, Inc.
United States	Methods And Systems For Programmatic Control Of Transmitted Electronic Content	Published	6/7/2022	17/805,784			Groupon, Inc.
United States	System And Method For Throttling Communications With Consumer Devices	Published	4/8/2022	17/716,785			Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Balancing Network Resource Demand	Published	6/16/2022	17/842,637			Groupon, Inc.
United States	Method And Apparatus For Providing Promotion Vouchers	Published	5/27/2022	17/827,218			Groupon, Inc.

¹ Patent no. 11544774 was incorrectly identified on Schedule A to the IP Security Agreement as owned by Livingsocial, Inc. It is owned by Groupon, Inc.

Country	Title	Status	Filed Date	Serial No.	Patent No.	Issue Date	Owner
United States	Methods And Systems For Generating A Supply Index Indicative Of A Quality Of Available Supply Of Merchant Promotions	Published	6/17/2022	17/807,520			Groupon, Inc.
United States	Computer System And Computer-Executed Method For Inventory Valuation	Issued	12/1/2020	17/108,547	11,514,462	11/29/2022	Groupon, Inc.
United States	Generating Promotion Offers And Providing Analytics Data	Published	7/26/2022	17/873,837			Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Forecasting Demand	Published	5/9/2022	17/662,451			Groupon, Inc.
United States	Systems And Methods For Generating A User Interface Including Item Selection Interface Elements Arranged Based On Relevance Data And Configured For Executing Transition Routines Based On Receipt Of An Expiration Signal	Issued	3/24/2021	17/301,085	11,501,361	11/15/2022	Groupon, Inc.
United States	Method, System, And Apparatus For Programmatically Generating A Channel Incrementality Ratio	Issued	5/17/2021	17/322,384	11,496,785	11/8/2022	Groupon, Inc.
United States	Deal Generation Using Point-Of-Sale Systems And Related Methods	Published	5/20/2022	17/749,525			Groupon, Inc.
United States	Inbox Management System	Issued	9/21/2020	17/027,176	11,488,201	11/1/2022	Groupon, Inc.
United States	Method And Apparatus For Determining Promotion Pricing Parameters	Issued	11/6/2020	17/091,432	11,481,814	10/25/2022	Groupon, Inc.
United States	System For Providing Impressions Based On Consumer Preferences For Future Promotions	Issued	9/11/2020	17/018,744	11,475,483	10/18/2022	Groupon, Inc.
United States	Apparatuses, Computer Program Products, And Methods For Generation Of Augmented Reality Interfaces	Issued	8/14/2020	16/994,027	11,468,475	10/11/2022	Groupon, Inc.

Country	Title	Status	Filed Date	Serial No.	Patent No.	Issue Date	Owner
United States	Method, Apparatus, And Computer Program Product For Auto-Replenishing An Inventory Of Promotions	Issued	7/13/2021	17/374,487	11,468,463	10/11/2022	Groupon, Inc.
United States	Method And System For Generating Purchase Recommendations Based On Purchase Category Associations	Issued	9/4/2020	17/012,776	11,468,456	10/11/2022	Groupon, Inc.
United States	Graph-Based Compression Of Data Records	Issued	4/29/2021	17/302,296	11,449,895	9/20/2022	Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Generating Graphical User Interface For Facilitating Complex User Interactions	Published	3/29/2022	17/657,058			Groupon, Inc.
United States	Modification Of Electronic Content Identified By A Transmission Of An Indication Of The Online Content After The Transmission	Published	1/12/2022	17/647,751			Groupon, Inc.
United States	Centralized, Scalable, Resource Monitoring System	Issued	12/7/2020	17/113,374	11,381,488	7/5/2022	Groupon, Inc.
United States	Systems And Methods For Determining Redemption Time	Issued	6/24/2020	16/910,620	11,354,716	6/7/2022	Groupon, Inc.
United States	System, Apparatus, Method, And User Interface Configured For Transmission Of Data Via A Wireless Ad-Hoc Network	Published	10/4/2021	17/449,880			Groupon, Inc.
United States	Dynamic Time-Based Adjustment Of Predictive Modeling Data	Published	1/12/2022	17/574,514			Groupon, Inc.
United States	Method, Apparatus, And Computer Program Product For Facilitating Dynamic Change Of An Adjustable Size Component Of A Displayed Icon	Published	11/30/2021	17/456,997			Groupon, Inc.
United States	Dynamically Providing Altered Menu Content Data For Display In Response To Real-Time Constraint Data	Published	10/22/2021	17/451,997			Groupon, Inc.
United States	Dynamically Altering Displayed Menu Content Data In Response To Real-Time Event Data	Published	10/22/2021	17/452,005			Groupon, Inc.

Country	Title	Status	Filed Date	Serial No.	Patent No.	Issue Date	Owner
United States	Method, Apparatus, And Computer Program Product For Calculating A Supply Based On Travel Propensity	Published	6/23/2021	17/355,422			Groupon, Inc.
United States	Iterative Process For Intelligently Modeling A Diverse Portfolio Of Available Content	Published	2/22/2021	17/181,061			Groupon, Inc.
United States	Method, Apparatus, And Computer Readable Medium For Providing A Modular Framework Of Asynchronous And Parallel Processes	Published	7/23/2021	17/443,284			Groupon, Inc.

TRADEMARKS

Country	Mark Name	Status	Filed Date	Application No.	Reg. Date	Registration No.	Owner
United States	GRAB LIFE BY THE GROUPON	Registered	7/16/2021	90/833,125	7/26/2022	6,803,689	Groupon, Inc.

PATENT AND TRADEMARK LICENSES

None