

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5648737

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|---|------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>   |                              |
| <b>Name</b>   | <b>Execution Date</b>        |
| STUBHUB, INC.   | 09/19/2018                   |
| <b>RECEIVING PARTY DATA</b>   |                              |
| <b>Name:</b>  | EBAY INC.                    |
| <b>Street Address:</b>  | 2145 HAMILTON AVENUE         |
| <b>City:</b>  | SAN JOSE                     |
| <b>State/Country:</b>   | CALIFORNIA                   |
| <b>Postal Code:</b>   | 95125                        |
| <b>PROPERTY NUMBERS Total: 1</b>  |                              |
| <b>Property Type</b>  | <b>Number</b>                |
| <b>Application Number:</b>  | 16423457                     |
| <b>CORRESPONDENCE DATA</b>  |                              |
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| <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> |                              |
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| <b>Email:</b>   | adouglas@merchantgould.com   |
| <b>Correspondent Name:</b>  | MERCHANT & GOULD P.C.        |
| <b>Address Line 1:</b>  | P.O. BOX 2903                |
| <b>Address Line 4:</b>  | MINNEAPOLIS, MINNESOTA 55402 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | IP-P664US5/17666.0365USC4    |
| <b>NAME OF SUBMITTER:</b>   | ALLISON DOUGLAS              |
| <b>SIGNATURE:</b>   | /Allison Douglas/            |
| <b>DATE SIGNED:</b>   | 08/01/2019                   |
| <b>Total Attachments: 5</b>   |                              |
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**U.S. PATENT AND TRADEMARK OFFICE**

**PATENT ASSIGNMENT**

**THIS PATENT ASSIGNMENT** (this "Assignment") is made and entered into as of September 19, 2018 ("Effective Date"), by and between **StubHub, Inc.**, a California corporation ("Assignor"), and **eBay Inc.**, a California corporation ("Assignee").

**WHEREAS**, Assignor is the sole and exclusive owner of the entire right, title and interest in, to and under the patents and patent applications set forth on Schedule A hereof (collectively, the "Patents"); and

**WHEREAS**, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor, all right, title and interest to the Patents;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably sells, conveys, assigns, transfers and delivers to Assignee its entire right, title and interest in and to the Patents, for the United States and for all foreign countries, and the inventions they claim (including subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding relating to any of the Patents and subject matter that could have been included as a claim in any of the Patents), and any and all continuations, divisionals, continuations-in-part, provisionals, reissues, reexaminations, extensions, international applications or foreign equivalents thereof which may be obtained therefrom, and the priority rights thereto, for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all income, royalties, or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives. Assignor hereby requests the Commissioner for Patents in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign jurisdictions, to record and register Assignee as the assignee and owner of the Patents.

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ASSIGNOR

STUBHUB, INC.

By: 

Name: Tod Cohen

Title: General Counsel, StubHub

ASSIGNEE

EBAY INC.

By: 

Name: Aaron Johnson

Title: Vice President, eBay Legal

[Signature Page to Patent Assignment]

**SCHEDULE A****PATENTS**

| Patent No. | Issue Date        | Title   | Country | Owner         |
|------------|-------------------|---|---------|---------------|
| 8,032,442  | October 4, 2011   | SYSTEM AND METHOD FOR PROVIDING LOGISTICS FOR A SALE OF GOODS   | US      | StubHub, Inc. |
| 8,326,686  | December 4, 2012  | SYSTEM AND METHODS FOR A PERSONAL SEAT LICENSE AUCTION  | US      | StubHub, Inc. |
| 8,731,526  | May 20, 2014      | SYSTEM AND METHODS FOR UPCOMING EVENT NOTIFICATION AND MOBILE PURCHASING  | US      | StubHub, Inc. |
| 8,732,007  | May 20, 2014      | SYSTEM AND METHODS FOR PROVIDING LOCATION-BASED UPCOMING EVENT INFORMATION USING A CLIENT-SIDE WEB APPLICATION IMPLEMENTED ON A CLIENT DEVICE | US      | StubHub, Inc. |
| 8,738,409  | May 27, 2014      | SYSTEM AND METHODS FOR PRIORITIZING AND PROCESSING UPDATED INVENTORY INFORMATION FOR EVENT LISTINGS   | US      | StubHub, Inc. |
| 8,870,089  | October 28, 2014  | SYSTEM AND METHODS FOR VARIABLE DISTRIBUTION AND ACCESS CONTROL FOR PURCHASED EVENT TICKETS   | US      | StubHub, Inc. |
| 9,230,288  | January 5, 2016   | USER-SPECIFIC EVENT POPULARITY MAP  | US      | StubHub, Inc. |
| 9,310,205  | April 12, 2016    | INTERACTIVE VENUE ASSISTANT   | US      | StubHub, Inc. |
| 9,367,848  | June 14, 2016     | DYNAMIC INTERACTIVE SEAT MAP  | US      | StubHub, Inc. |
| 9,398,410  | July 19, 2016     | LOCATION-BASED COMMUNICATIONS ACROSS TIME   | US      | StubHub, Inc. |
| 9,652,592  | January 24, 2017  | SYSTEM AND METHODS FOR UPCOMING EVENT NOTIFICATION AND MOBILE PURCHASING  | US      | StubHub, Inc. |
| 9,600,781  | March 21, 2017    | ENHANCED SEAT SELECTION   | US      | StubHub, Inc. |
| 9,805,394  | October 31, 2017  | SYSTEM AND METHODS FOR UPCOMING EVENT NOTIFICATION AND MOBILE PURCHASING  | US      | StubHub, Inc. |
| 9,836,755  | December 5, 2017  | DETERMINING A USER'S EVENT EXPERIENCE THROUGH USER ACTIONS  | US      | StubHub, Inc. |
| 9,891,056  | February 13, 2018 | INTERACTIVE VENUE ASSISTANT   | US      | StubHub, Inc. |
| 9,911,085  | March 6, 2018     | VENUE SEAT AND FEATURE MAP  | US      | StubHub, Inc. |
| 9,911,086  | March 6, 2018     | SYSTEM AND METHODS FOR VARIABLE DISTRIBUTION AND ACCESS CONTROL FOR PURCHASED EVENT TICKETS   | US      | StubHub, Inc. |
| 9,990,593  | June 5, 2018      | SYSTEMS AND METHODS FOR EVENT ADMISSIONS BASED ON FINGERPRINT RECOGNITION   | US      | StubHub, Inc. |

**PATENT APPLICATIONS**

| <b>Application No.</b> | <b>Issue Date</b>  | <b>Title</b>  | <b>Country</b> | <b>Owner</b>  |
|------------------------|--------------------|---|----------------|---------------|
| 13/221,619             | August 30, 2011    | SYSTEM AND METHOD FOR PROVIDING LOGISTICS FOR A SALE OF GOODS   | US             | StubHub, Inc. |
| 13/547,456             | July 12, 2012      | USER PREFERRED VENUE SEATING  | US             | StubHub, Inc. |
| 13/559,979             | July 27, 2012      | INTERACTIVE VENUE SEAT MAP  | US             | StubHub, Inc. |
| 13/732,025             | December 31, 2012  | ENHANCED TWO-DIMENSIONAL SEAT MAP   | US             | StubHub, Inc. |
| 13/966,649             | August 14, 2013    | USER-SPECIFIC SEAT RECOMMENDATIONS BASED ON COMMON INTERESTS  | US             | StubHub, Inc. |
| 14/039,933             | September 27, 2013 | THREE-DIMENSIONAL INTERACTIVE SEAT MAP  | US             | StubHub, Inc. |
| 14/055,750             | October 16, 2013   | SYSTEMS AND METHODS FOR GROUPED SEAT SELECTION  | US             | StubHub, Inc. |
| 14/073,713             | November 6, 2013   | SYSTEMS AND METHODS FOR TICKETED EVENT NOTIFICATIONS  | US             | StubHub, Inc. |
| 14/096,335             | December 4, 2013   | SYSTEMS AND METHODS FOR DYNAMIC EVENT ATTENDANCE MANAGEMENT   | US             | StubHub, Inc. |
| 14/097,119             | December 4, 2013   | SYSTEMS AND METHODS FOR ENHANCED TICKET SALES   | US             | StubHub, Inc. |
| 14/141,219             | December 26, 2013  | TICKET LISTING TRIGGERED BY URL LINKS   | US             | StubHub, Inc. |
| 61/925,089             | January 8, 2014    | SYSTEMS AND METHODS FOR A VALIDITY DETERMINATION AND AUTOMATIC POPULATION OF EVENT ADMISSION TICKET INFORMATION                               | US             | StubHub, Inc. |
| 14/152,956             | January 10, 2014   | SYSTEMS AND METHODS FOR TICKET CHECK-IN AND TRACKING  | US             | StubHub, Inc. |
| 14/152,958             | January 10, 2014   | SYSTEMS AND METHODS FOR TICKET LISTING TRACKING   | US             | StubHub, Inc. |
| 14/178,142             | February 11, 2014  | SYSTEMS AND METHODS FOR MANAGING SEATING LOCATIONS AND PREFERENCES  | US             | StubHub, Inc. |
| 14/186,487             | February 21, 2014  | SYSTEMS AND METHODS FOR EXCHANGING TICKETS  | US             | StubHub, Inc. |
| 14/187,200             | February 21, 2014  | SYSTEMS AND METHODS FOR REAL TIME UPGRADES  | US             | StubHub, Inc. |
| 14/190,925             | February 26, 2014  | SYSTEMS AND METHODS FOR EVENT PURCHASE AND UPGRADE OPTIONS BASED ON USER PARAMETERS   | US             | StubHub, Inc. |
| 14/251,342             | April 11, 2014     | SYSTEMS AND METHOD FOR IMPLEMENTING TOUR EVENT COMPARISON   | US             | StubHub, Inc. |
| 14/280,536             | May 16, 2014       | SYSTEM AND METHODS FOR PROVIDING LOCATION-BASED UPCOMING EVENT INFORMATION USING A CLIENT-SIDE WEB APPLICATION IMPLEMENTED ON A CLIENT DEVICE | US             | StubHub, Inc. |

|            |                   |   |    |               |
|------------|-------------------|---|----|---------------|
| 14/284,179 | May 21, 2014      | SYSTEM AND METHODS FOR PRIORITIZING AND PROCESSING UPDATED INVENTORY INFORMATION FOR EVENT LISTINGS | US | StubHub, Inc. |
| 14/302,597 | June 12, 2014     | SYNCHRONIZED MEDIA CAPTURING FOR AN INTERACTIVE SCENE   | US | StubHub, Inc. |
| 14/485,632 | August 21, 2014   | CROWDSOURCING SEAT QUALITY IN A VENUE   | US | StubHub, Inc. |
| 14/514,347 | October 14, 2014  | SOCIALLY INTERACTIVE WAGERING SYSTEM  | US | StubHub, Inc. |
| 14/534,063 | November 5, 2014  | DETERMINING A STATUS TO SECURE AN EVENT TICKET  | US | StubHub, Inc. |
| 14/588,764 | December 30, 2014 | EVENT ADMISSION TICKET UPGRADES THROUGH DISPLAYABLE CODES AT AN EVENT VENUE                         | US | StubHub, Inc. |
| 14/588,794 | December 30, 2014 | VALIDITY DETERMINATION OF AN EVENT TICKET AND AUTOMATIC POPULATION OF ADMISSION INFORMATION         | US | StubHub, Inc. |
| 14/614,345 | February 4, 2015  | CROWD SENTIMENT DETECTION AND ANALYSIS  | US | StubHub, Inc. |
| 14/633,087 | February 26, 2015 | DETERMINING INTEREST AREAS AT A VENUE LOCATION OF AN EVENT  | US | StubHub, Inc. |
| 14/675,500 | March 31, 2015    | FAN IDENTIFICATION ON A COMMUNICATION DEVICE FOR A PERFORMER DURING A PERFORMANCE                   | US | StubHub, Inc. |
| 14/987,891 | January 4, 2016   | USER-SPECIFIC EVENT POPULARITY MAP  | US | StubHub, Inc. |
| 15/159,383 | May 19, 2016      | DYNAMIC INTERACTIVE SEAT MAP  | US | StubHub, Inc. |
| 15/287,540 | October 6, 2016   | USER PREFERRED VENUE SEATING  | US | StubHub, Inc. |
| 15/462,374 | March 17, 2017    | ENHANCED SEAT SELECTION   | US | StubHub, Inc. |
| 15/783,912 | October 13, 2017  | SYSTEM AND METHODS FOR UPCOMING EVENT NOTIFICATION AND MOBILE PURCHASING                            | US | StubHub, Inc. |
| 15/832,768 | December 5, 2017  | DETERMINING A USER'S EVENT EXPERIENCE THROUGH USER ACTIONS  | US | StubHub, Inc. |
| 15/895,911 | February 13, 2018 | INTERACTIVE VENUE ASSISTANT   | US | StubHub, Inc. |
| 15/997,474 | June 4, 2018      | SYSTEMS AND METHODS FOR EVENT ADMISSIONS BASED ON FINGERPRINT RECOGNITION                           | US | StubHub, Inc. |

PATENT

RECORDED: 08/04/2018

REEL: 049938 FRAME: 0880