

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6071209

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
CRESTLINE DIRECT FINANCE, L.P.	04/16/2020
RECEIVING PARTY DATA	
Name:	EMPIRE TECHNOLOGY DEVELOPMENT LLC
Street Address:	C/O ALLIED INVENTORS, LLC
Internal Address:	520 PIKE STREET, SUITE 1520
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98101
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	9258680
Patent Number:	9894481
Patent Number:	10136258
Patent Number:	8818711
Patent Number:	8457885
Patent Number:	8560238
Patent Number:	8731833
Patent Number:	9743250
Patent Number:	8559927
Patent Number:	9292526
Patent Number:	10223370
Patent Number:	8694023
Application Number:	15428804
Patent Number:	9602610
Patent Number:	9912770
Patent Number:	9302178
Patent Number:	9427666
Patent Number:	8821261

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:** 7044441000**Email:** Laura.Tremont@alston.com**Correspondent Name:** ALSTON & BIRD LLP**Address Line 1:** BANK OF AMERICA PLAZA**Address Line 2:** 101 SOUTH TRYON STREET, SUITE 4000**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28280-4000

NAME OF SUBMITTER:	LAURA TREMONT
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SIGNATURE:	/Laura Tremont/
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DATE SIGNED:	04/21/2020
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Total Attachments: 3source=Crestline_Allied_Notice of Release of Security Interest in Patents (Patent Sales)_LBS Final
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4.16.2020#page2.tifsource=Crestline_Allied_Notice of Release of Security Interest in Patents (Patent Sales)_LBS Final
4.16.2020#page3.tif

NOTICE OF RELEASE OF SECURITY INTEREST IN PATENTS

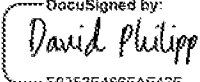
Dated as of April 16, 2020

The lien and security interest evidenced by that certain Patent Security Agreement, dated as of December 28, 2018, executed by, *inter alia*, EMPIRE TECHNOLOGY DEVELOPMENT LLC, a Delaware limited liability company (the "Grantor"), in favor of CRESTLINE DIRECT FINANCE, L.P., as administrative agent (the "Agent"), which was duly recorded on January 29, 2019, at Reel 048373, Frame 0217 in the United States Patent and Trademark Office, and any other right, title or interest granted to the Agent solely in the patents set forth on Schedule 1 attached hereto is hereby terminated, cancelled and released, without representation or warranty, and the Agent hereby re-assigns to the Grantor any right, title or interest it may have in or to any of the patents set forth on Schedule 1.

CRESTLINE DIRECT FINANCE, L.P.,
as Agent

By: Crestline Direct Finance (GP), L.L.C., its general partner

By: Crestline Investors, Inc., its managing member

By: 
Name: David Philipp
Title: Managing Director

SCHEDULE 1

Patent Registrations

Application Number	Publication Number	Patent Number	Country	Title
13/515,001	US20120295636	9,258,680	United States of America	LOCATION-TRANSMITTING DEVICE FOR DETERMINING LOCATION OF A WIRELESS COMMUNICATION DEVICE
14/973,721	US20160112840	9,894,481	United States of America	LOCATION-TRANSMITTING DEVICE FOR DETERMINING LOCATION OF A WIRELESS COMMUNICATION DEVICE
15/877,354	20180146337	10,136,258	United States of America	LOCATION-TRANSMITTING DEVICE FOR DETERMINING LOCATION OF A WIRELESS COMMUNICATION DEVICE
12/642,355	US20110153208	8818711	United States of America	3D PATH ANALYSIS FOR ENVIRONMENTAL MODELING
13/498,556	US20120232796	8,457,885	United States of America	COMPUTING PATHS BETWEEN GEOGRAPHICAL LOCALITIES
13/859,665	US20130226456	8,560,238	United States of America	COMPUTING PATHS BETWEEN GEOGRAPHICAL LOCALITIES
13/949,125	US20130311090	8,731,833	United States of America	COMPUTING PATHS BETWEEN GEOGRAPHICAL LOCALITIES
14/343,653	US20160286359	9,743,250	United States of America	DETERMINATION OF A LOCATION OF A COMMUNICATION DEVICE
13/119,413	US20120309350	8,559,927	United States of America	DUMMY INFORMATION FOR LOCATION PRIVACY IN LOCATION BASED SERVICES
13/642,689	US20130226914	9,292,526	United States of America	CONTEXT-BASED CONTENT LIST GENERATION
15/011,721	US20170212905	10,223,370	United States of America	CONTEXT-BASED CONTENT LIST GENERATION
13/637,322	US20130122927	8,694,023	United States of America	LOCATION MANAGEMENT OF STATIC/LOW SPEED MOBILE DEVICES
15/428,804	US20170156026		United States of America	Real-Time Location Sharing
14/007,635	US20140337409	9,602,610	United States of America	ONLINE DATA MANAGEMENT

Application Number	Publication Number	Patent Number	Country	Title
15/297,434	US20170041438	9,912,770	United States of America	ONLINE DATA MANAGEMENT
13/878,512	US20140169690	9,302,178	United States of America	GAMING SCHEME USING GENERAL MOOD INFORMATION
15/014,072	US20160144277	9,427,666	United States of America	GAMING SCHEME USING GENERAL MOOD INFORMATION
13/702,907	US20130331176	8,821,261	United States of America	SELECTING A WAGER FOR AN EVENT