

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4503443

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
PNC BANK, NATIONAL ASSOCIATION	06/30/2017

RECEIVING PARTY DATA

Name:	YP INTERACTIVE LLC
Street Address:	2200 WEST AIRFIELD DRIVE
City:	DFW AIRPORT
State/Country:	TEXAS
Postal Code:	75261

PROPERTY NUMBERS Total: 134

Property Type	Number
Application Number:	13421785
Application Number:	13517754
Application Number:	11077516
Application Number:	11467148
Application Number:	11504838
Application Number:	11505053
Application Number:	11536616
Application Number:	11536624
Application Number:	11536628
Application Number:	11556668
Application Number:	11558859
Application Number:	11559860
Application Number:	11559866
Application Number:	11565546
Application Number:	11565554
Application Number:	11624631
Application Number:	11678032
Application Number:	11738170
Application Number:	11738300
Application Number:	11738364

PATENT

Property Type	Number
Application Number:	11862111
Application Number:	11863208
Application Number:	11876704
Application Number:	12121668
Application Number:	12114556
Application Number:	12127585
Application Number:	12128571
Application Number:	12269010
Patent Number:	7366683
Patent Number:	7428497
Patent Number:	7505920
Patent Number:	8024224
Patent Number:	8121898
Patent Number:	8140389
Patent Number:	8140392
Patent Number:	8209225
Application Number:	11738235
Application Number:	12027208
Application Number:	11505225
Application Number:	10956571
Application Number:	12117697
Patent Number:	6801899
Patent Number:	6636590
Patent Number:	7876886
Application Number:	11123566
Application Number:	11274453
Application Number:	11467129
Application Number:	11467146
Application Number:	11563464
Application Number:	11688245
Application Number:	11692739
Application Number:	11696151
Application Number:	11696153
Application Number:	11696159
Application Number:	11697932
Application Number:	11733751
Application Number:	11737975
Application Number:	11752267

Property Type	Number
Application Number:	11761800
Application Number:	11761932
Application Number:	11761987
Application Number:	11778878
Application Number:	11864808
Application Number:	11960638
Application Number:	12027144
Application Number:	11678012
Application Number:	12098387
Application Number:	12101098
Application Number:	12121670
Application Number:	12128449
Application Number:	12130901
Application Number:	12130960
Application Number:	12130966
Application Number:	12130984
Application Number:	12130987
Application Number:	12270460
Application Number:	13179121
Application Number:	13470159
Application Number:	13472249
Application Number:	13494817
Application Number:	13494819
Application Number:	13603067
Application Number:	13631221
Patent Number:	5907677
Patent Number:	6223165
Patent Number:	6519570
Patent Number:	6523010
Patent Number:	6546372
Patent Number:	6549889
Application Number:	12098382
Patent Number:	7224781
Patent Number:	7249045
Patent Number:	7289612
Patent Number:	7289623
Patent Number:	7308422
Patent Number:	7359498

Property Type	Number
Patent Number:	7453998
Patent Number:	7475149
Patent Number:	7519170
Patent Number:	7542936
Patent Number:	7580850
Patent Number:	7657013
Patent Number:	7698183
Patent Number:	7720091
Patent Number:	7729938
Patent Number:	7886009
Patent Number:	7937439
Patent Number:	7979308
Patent Number:	7995723
Patent Number:	8027453
Patent Number:	8027878
Patent Number:	8027898
Patent Number:	8069082
Patent Number:	8077849
Patent Number:	8125931
Patent Number:	8180676
Patent Number:	8185437
Patent Number:	8200534
Patent Number:	8204191
Patent Number:	8280018
Patent Number:	8295465
Patent Number:	8320368
Patent Number:	8396054
Patent Number:	8396735
Patent Number:	8437256
Patent Number:	7424442
Application Number:	13666771
Application Number:	11738374
Application Number:	11696156
Application Number:	13945845
Application Number:	13961779
Application Number:	13972626
Application Number:	13973912
Application Number:	14023240

CORRESPONDENCE DATA**Fax Number:** (713)651-5246

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.

Email: MARLON.PATTON@NORTONROSEFULBRIGHT.COM**Correspondent Name:** MARLON PATTON NORTON ROSE FULBRIGHT**Address Line 1:** 1301 MCKINNEY SUITE 5100**Address Line 4:** HOUSTON, TEXAS 77010**ATTORNEY DOCKET NUMBER:** 11705194**NAME OF SUBMITTER:** MARLON PATTON**SIGNATURE:** /Marlon Patton/**DATE SIGNED:** 07/14/2017**Total Attachments: 9**

source=Patent_Release_YP_Interactive_LLC Feb 2014#page1.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page2.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page3.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page4.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page5.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page6.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page7.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page8.tif

source=Patent_Release_YP_Interactive_LLC Feb 2014#page9.tif

RELEASE OF SECURITY INTEREST - - PATENTS

YP INTERACTIVE LLC

WHEREAS, pursuant to and as reflected in (i) that certain Grant of Security Interest -- Patents, dated as of February 20, 2014 (the "Patent Security Agreement"), recorded in the United States Patent and Trademark Office at Reel 032372, Frame 0639 on February 28, 2014, and (ii) the Security Agreement (as defined in the Patent Security Agreement), YP INTERACTIVE LLC (formerly known as Ingenio LLC), a Delaware limited liability company ("Releasee"), pledged, conveyed, sold, transferred, assigned, set over and granted to PNC BANK, NATIONAL ASSOCIATION ("Releasor"), as collateral agent for certain lenders, a continuing security interest in the Collateral (as defined in the Patent Security Agreement), including without limitation, those patents and patent applications listed on Schedule I hereto (the "Patents"); and

WHEREAS, Releasee has requested and Releasor has agreed to provide a document suitable for recording in the United States Patent and Trademark Office evidencing and effecting the release, relinquishment and discharge of its continuing security interest in the Collateral (including the Patents) and the assignment and transfer to Releasee of all of Releasor's rights in and to the Collateral (including the Patents).


NOW, THEREFORE, in consideration of and in exchange for good and valuable consideration, Releasor hereby, without any representation and warrant and without any recourse to Releasor, releases, relinquishes and discharges its continuing security interest in the Collateral (including the Patents) and assigns and transfers to Releasee all of Releasor's rights in and to the Collateral (including the Patents).

Dated as of June 30, 2017

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties have caused this Release of Security Interest --
Patents to be duly executed as of the date first written above.

PNC BANK, NATIONAL ASSOCIATION, as
Collateral Agent

By: 
Name: David B. Thayer
Title: Vice President

SCHEDULE I

Patent and Patent Applications

Title	Patent or Application Number
Methods and apparatuses for pay for deal advertisements	13/421785
Method and apparatuses for offline selection of pay-per-call advertisers	13/517754
System and method to merge pay-for-performance advertising models	11/077516
Systems and methods to convert a call generated from an advertisement	11/467148
Systems and methods to connect marketing participants and marketers	11/504838
Systems and methods to connect customers and marketers	11/505053
Methods and apparatuses for offline selection of pay-per-call advertisers	11/536616
Methods and apparatuses for offline selection of pay-per-call advertisers via visual advertisements	11/536624
Methods and apparatuses for advertisements on mobile devices for communication connections	11/536628
Methods and apparatuses to manage multiple advertisements	11/556668
Systems and methods to provide a communication reference in a representation of a geographical region	11/558859
Methods and apparatuses for prioritizing advertisements for presentation	11/559860
Methods and apparatuses to track keywords for establish communication links	11/559866
Methods and apparatuses to select communication tracking mechanisms	11/565546
Methods and apparatuses to provide prompts in connecting customers to advertisers	11/565554
System and method for providing advertisement	11/624631
Methods and systems for pay for performance advertisements	11/678032
Methods and systems to search in virtual reality for real time communications	11/738170
Methods and systems to determine availability for real time communications via virtual reality	11/738300
Methods and systems to connect people for virtual meeting	11/738364

Title	Patent or Application Number
in virtual reality	
Systems and methods to facilitate the specification of a complex geographic area	11/862111
Systems and methods to provide communication references from different sources to connect people for real time communications	11/863208
Systems and methods to provide information and connect people for real time communications	11/876704
Systems and methods to manage presentations of advertisements	12/121668
Systems and methods to provide advertisements for real time communications	12/114556
Systems and methods for dynamic pay for performance advertisements	12/127585
Systems and methods to connect people for real time communications via directory assistance	12/128571
Methods and apparatuses for pay-per-call advertising in mobile/wireless applications	12/269010
Methods and apparatuses for offline selection of pay-per-call advertisers	7366683
Methods and apparatuses for pay-per-call advertising in mobile/wireless applications	7428497
Methods and apparatuses for pay-per-call advertising in mobile/wireless applications	7505920
Method and apparatus to provide pay-per-call advertising and billing	8024224
Methods and apparatuses for geographic area selections in pay-per-call advertisement	8121898
Methods and apparatuses for pay for deal advertisements	8140389
Methods and apparatuses for pay for lead advertisements	8140392
Methods and apparatuses for offline selection of pay-per-call advertisers	8209225
Methods and Systems to Facilitate Real Time Communications in Virtual Reality	11/738235
Methods and Apparatuses to Connect Users of Mobile Devices to Advertisers	12/027208
Methods and apparatuses for advertisement presentation	11/505225
Method and system to connect consumers to information	10/956571

Title	Patent or Application Number
Systems and methods to connect people via videos for real time communications	12/117697
Assistance method and apparatus	6801899
Apparatus and method for specifying and obtaining services through voice commands	6636590
Method and apparatus to provide pay-per-call performance based advertising	7876886
Methods and apparatuses for delivery of advice to mobile/wireless devices	11/123566
Methods and apparatuses to access advertisements through voice over internet protocol (VoIP) applications	11/274453
Methods and apparatuses for scheduling pay-per-call advertising	11/467129
Systems and methods to manage a queue of people requesting real time communication connections	11/467146
Methods and apparatuses to provide application programming interface for retrieving pay per call advertisements	11/563464
Methods and apparatuses for prioritizing featured listings	11/688245
Systems and methods to connect buyers and sellers	11/692739
Systems and methods to facilitate searches	11/696151
Systems and methods to facilitate transition from communication to commerce	11/696153
Systems and methods to prioritize a queue	11/696159
Systems and methods to provide connections via callback acceptance	11/697932
Systems and methods to collect information just in time for connecting people for real time communications	11/733751
Methods and systems to connect people via virtual reality for real time communications	11/737975
Methods and apparatuses to connect people for real time communications via voice over internet protocol (VoIP)	11/752267
Methods and apparatuses to track information using call signaling messages	11/761800
Methods and apparatuses to track information via passing information during telephonic call process	11/761932
Methods and apparatuses to track information via telephonic apparatuses	11/761987

Title	Patent or Application Number
Systems and methods to provide voice connections via local telephone numbers	11/778878
Systems and methods to provide telephonic connections via concurrent calls	11/864808
Systems and methods to dynamically generate listings to selectively track user responses	11/960638
Systems and methods to facilitate communications	12/027144
Systems and methods to confirm initiation of a callback	11/678012
Systems and methods to facilitate real time communications between members of a social network	12/098387
Systems and methods to facilitate real time communications and commerce via answers to questions	12/101098
Systems and methods to connect people via videos for real time communications	12/117697
Systems and methods to provide communication references to connect people for real time communications	12/121670
Systems and methods to convert a real time communication connection	12/128449
Methods and apparatuses to initiate telephone connections	12/130901
Systems and methods to generate leads to connect people for real time communications	12/130960
Systems and methods to selectively provide telephonic connections	12/130966
Systems and methods to connect people for real time communications	12/130984
Systems and methods to provide alternative connections for real time communications	12/130987
Apparatus and method for online advice customer relationship management	12/270460
Methods and apparatuses for sorting lists for presentation	13/179121
Systems and methods to provide communication connections via partners	13/470159
System and methods to connect people in a marketplace environment	13/472249
Method and apparatus to allocate and recycle telephone numbers in a call-tracking system	13/494817
Apparatus and method for ensuring a real-time connection between users and selected service provider using voice mail	13/494819

Title	Patent or Application Number
Systems and methods to provide information via connections for real time communications between people	13/603067
Systems and methods to connect members of a social network for real time communication	13/631221
Method for establishing anonymous communication links	5907677
Method and apparatus to connect consumer to expert	6223165
System and method for conducting a time auction	6519570
Assistance method and apparatus	6523010
Assistance method and apparatus	6546372
Assistance method and apparatus	6549889
Systems and methods to facilitate real time communications and commerce via a social network	12/098382
Method and system to connect consumers to information	7224781
Method and system to connect consumers to information	7249045
Apparatus and method for ensuring a real-time connection between users and selected service provider using voice mail	7289612
System and method for an online speaker patch-through	7289623
System for recording and distributing recorded information over the internet	7308422
Systems and methods for arranging a call	7359498
Methods and systems to connect consumers to information	7453998
Apparatus and method for specifying and obtaining services through an audio transmission medium	7475149
Systems and methods for arranging a call	7519170
Method, apparatus and system for marketing, delivering, and collecting payment for information	7542936
Apparatus and method for online advice customer relationship management	7580850
Apparatus and method for ensuring a real-time connection between users and selected service provider using voice mail	7657013
Method and apparatus for prioritizing a listing of information providers	7698183
Systems and methods to arrange call back	7720091
Method and system to connect consumers to information	7729938
Gate keeper	7886009
Apparatus and method for scheduling live advice communication with a selected service provider	7937439

Title	Patent or Application Number
Methods and apparatuses for sorting lists for presentation	7979308
Methods and systems to connect consumers to information	7995723
System and method for an online speaker patch-through	8027453
Method and apparatus to compensate demand partners in a pay-per-call performance based advertising system	8027878
Method and apparatus for prioritizing a listing of information providers	8027898
Methods and apparatuses to determine prices of communication leads	8069082
Systems and methods to block communication calls	8077849
Systems and methods to provide availability indication	8125931
Systems and methods to connect people in a marketplace environment	8180676
Systems and methods to provide communication connections via partners	8185437
Method and apparatus to allocate and recycle telephone numbers in a call-tracking system	8200534
Apparatus and method for ensuring a real-time connection between users and selected service provider using voice mail	8204191
Systems and methods to provide information via connections for real time communications between people	8280018
Systems and methods to connect members of a social network for real time communication	8295465
Systems and methods to provide communication references based on recommendations to connect people for real time communications	8320368
Systems and methods to facilitate searches of communication references	8396054
Method and system to connect consumers to information	8396735
Systems and methods to provide communication connections	8437256
Systems and methods to facilitate real time communications and commerce via a social network	8452655
Systems and methods to confirm initiation of a callback	8451825
Method and apparatus to allocate and recycle telephone numbers in a call-tracking system	7424442
Systems and methods to provide communication references based on recommendations to connect people for real time communications	13/666771

Title	Patent or Application Number
Methods and systems to connect people to services via virtual reality	11/738374
Systems and methods to manage privilege to speak	11/696156
Systems And Methods To Connect People For Real Time Communications	13/945,845
Method And Apparatuses For Offline Selection Of Pay-Per-Call Advertisers	13/961,779
Systems And Methods To Provide Telephonic Connections Via Concurrent Calls	13/972,626
Methods And Apparatuses For Delivery Of Advice To Mobile/Wireless Devices	13/973,912
Systems And Methods To Provide Alternative Connections For Real Time Communications	14/023,240

Schedule I