

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3409679

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
INTERACTIONS LLC	06/16/2015

RECEIVING PARTY DATA

Name:	ARES VENTURE FINANCE, L.P.
Street Address:	245 PARK AVENUE, 44TH FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10167

PROPERTY NUMBERS Total: 87

Property Type	Number
Application Number:	14176439
Patent Number:	7606718
Patent Number:	8332231
Patent Number:	8223944
Patent Number:	8560321
Patent Number:	8484031
Patent Number:	8484042
Patent Number:	8626520
Patent Number:	6804650
Patent Number:	6868383
Patent Number:	7451085
Patent Number:	7305340
Patent Number:	7136818
Patent Number:	7177816
Patent Number:	7146987
Patent Number:	7660400
Patent Number:	7533019
Patent Number:	7454348
Patent Number:	7254383
Patent Number:	7580837

PATENT

Property Type	Number
Patent Number:	7043435
Patent Number:	7337117
Patent Number:	7295975
Patent Number:	7242751
Patent Number:	8131551
Patent Number:	8650033
Patent Number:	7720203
Patent Number:	7995995
Patent Number:	7653549
Patent Number:	8082151
Patent Number:	8103502
Patent Number:	7624017
Patent Number:	8077836
Patent Number:	8239201
Patent Number:	7996220
Patent Number:	7966186
Patent Number:	8073693
Patent Number:	7911976
Patent Number:	8635068
Patent Number:	8024190
Patent Number:	8401851
Patent Number:	8086459
Patent Number:	8374867
Patent Number:	8600749
Patent Number:	8112282
Patent Number:	8175230
Patent Number:	8306192
Patent Number:	8401853
Patent Number:	8812321
Patent Number:	8451754
Patent Number:	8615219
Patent Number:	8155960
Patent Number:	8214212
Patent Number:	8406382
Patent Number:	8296140
Patent Number:	8862470
Patent Number:	8620668
Patent Number:	8504363

Property Type	Number
Patent Number:	8462917
Patent Number:	8355916
Patent Number:	8489400
Patent Number:	8566096
Patent Number:	8626507
Patent Number:	8751232
Patent Number:	8532992
Patent Number:	8913720
Patent Number:	8718242
Patent Number:	8914283
Patent Number:	8781831
Patent Number:	8924215
Application Number:	13644305
Application Number:	13847173
Application Number:	13875909
Application Number:	13943242
Application Number:	14082588
Application Number:	14089874
Application Number:	14262192
Application Number:	14330739
Application Number:	14459719
Application Number:	14488844
Application Number:	14526933
Application Number:	14551739
Application Number:	14554164
Application Number:	13936440
Application Number:	14050658
Application Number:	12618742
Application Number:	14136003

CORRESPONDENCE DATA

Fax Number: (415)773-5759

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Address Line 2: ORRICK, HERRINGTON & SUTCLIFFE LLP

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

PATENT

REEL: 036009 FRAME: 0351

ATTORNEY DOCKET NUMBER:	28633-21
NAME OF SUBMITTER:	DANIEL C. LOPEZ
SIGNATURE:	/Daniel C. Lopez/
DATE SIGNED:	06/23/2015

Total Attachments: 11

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ATTACHMENT 2
TO SECURITY AGREEMENT

GRANT OF SECURITY INTEREST

PATENTS

This GRANT OF SECURITY INTEREST, dated as of June 16, 2015, is executed by Interactions LLC, a Delaware limited liability company ("Grantor"), in favor of Ares Venture Finance, L.P., as administrative agent for the benefit of the Lenders (as defined below) (in such capacity, "Agent").

A. Pursuant to that certain Loan and Security Agreement, No. V15103 dated as of June 16, 2015 (as amended, supplemented or otherwise modified from time to time, the "Loan Agreement"), between Ares Capital Corporation and Ares Venture Finance, L.P., as lenders (in such capacity, "Lenders") and Grantor and Interactions Corporation, a Delaware corporation and parent of Grantor, as borrowers, Lenders agreed to extend loans and other financial accommodations to Grantor upon the terms and subject to the conditions set forth therein.

B. Grantor owns the letters patent of the United States and certain foreign countries, more particularly described on Schedule I-A annexed hereto and made a part hereof (collectively, the "Patents").

C. Grantor and other entities party thereto from time to time have entered into a Security Agreement (Intellectual Property) dated as of June 16, 2015 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement") in favor of Agent.

D. Pursuant to the Security Agreement, Grantor has assigned and granted to Agent a security interest in all right, title and interest of Grantor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof (the "Collateral"), to secure the prompt payment, performance and observance of the Secured Obligations, as defined in the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Grantor does hereby further grant to Agent a security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

Grantor does hereby further acknowledge and affirm that the rights and remedies of Agent with respect to the security interest in the Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

The Agent's address is:

Ares Venture Finance, L.P.
245 Park Avenue, 44th Floor
New York, NY 10167

IN WITNESS WHEREOF, the Grantor has caused this Grant of Security Interest to be executed as of the day and year first above written.

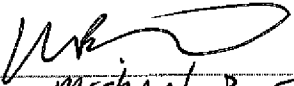
GRANTOR

Interactions LLC,
a Delaware limited liability company

By:

Name:

Title:


Michael B. Jacobucci
CEO

SCHEDULE 1-A TO GRANT OF SECURITY INTEREST
PATENTS AND PATENT APPLICATIONS

US PATENTS AND PATENT APPLICATIONS

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-28436/US	Method of Active Learning for Automatic Speech Recognition	14176439	Feb 10, 2014			Allowed
28151-18387/US	Apparatus and Method for Processing Service Interactions	10839536	May 5, 2004	7606718	Oct 20, 2009	Issued
28151-18511/US	Apparatus and Method for Processing Service Interactions	12551864	Sep 1, 2009	8332231	Dec 11, 2012	Issued
28151-18513/US	Conference Call Management System	12618743	Nov 15, 2009	8223944	Jul 17, 2012	Issued
28151-17643/US	Automated Speech Recognition System for Natural Language Understanding	12985174	Jan 5, 2011	8560321	Oct 15, 2013	Issued
28151-18469/US	Automated Speech Recognition Proxy System For Natural Language Understanding	13070865	Mar 24, 2011	8484031	Jul 9, 2013	Issued
28151-22373/US	Apparatus and Method for Processing Service Interactions	13708264	Dec 7, 2012	8484042	Jul 9, 2013	Issued
28151-23908/US (T)	Apparatus and Method for Processing Service Interactions	13935230	Jul 3, 2013	8626520	Jan 7, 2014	Issued
28151-28413/US	Apparatus and Method for Phonetically Screening Predetermined Character Strings	09742779	Dec 20, 2000	6804650	Oct 12, 2004	Issued
28151-28415/US	Systems and Methods for Extracting Meaning from Multimodal Inputs Using Finite-State Devices	09904252	Jul 12, 2001	6868383	Mar 15, 2005	Issued
28151-28422/US	System and Method for Providing a Compensated Speech Recognition Model for Speech Recognition	09966259	Oct 1, 2001	7451085	Nov 11, 2008	Issued

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-28424/US	System and Method for Configuring Voice Synthesis	10162932	Jun 5, 2002	7305340	Dec 4, 2007	Issued
28151-28429/US	System and Method of Providing Conversational Visual Prosody for Talking Heads	10173184	Jun 17, 2002	7136818	Nov 14, 2006	Issued
28151-28431/US	System and Method of Handling Problematic Input During Context-Sensitive Help for Multi-Modal Dialog Systems	10326629	Dec 19, 2002	7177816	Feb 13, 2007	Issued
28151-28434/US	Method of Active Learning for Automatic Speech Recognition	10329139	Dec 24, 2002	7146987	Dec 12, 2006	Issued
28151-28445/US	Method and Apparatus for Automatically Building Conversational Systems	10742466	Dec 19, 2003	7660400	Feb 9, 2010	Issued
28151-28439/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	10742854	Dec 23, 2003	7533019	May 12, 2009	Issued
28151-28437/US	System and Method for Blending Synthetic Voices	10755141	Jan 8, 2004	7454348	Nov 18, 2008	Issued
28151-28477/US	Voice Over IP Based Biometric Authentication	10902085	Jul 30, 2004	7254383	Aug 7, 2007	Issued
28151-28481/US	System and Method for Targeted Tuning Module of a Speech Recognition System	10917233	Aug 12, 2004	7580837	Aug 25, 2009	Issued
28151-28485/US	System and Method for Optimizing Prompts for Speech-Enabled Applications	10942605	Sep 16, 2004	7043435	May 9, 2006	Issued
28151-28414/US	Apparatus and Method for Phonetically Screening Predetermined Character Strings	10946259	Sep 21, 2004	7337117	Feb 26, 2008	Issued
28151-28416/US	Systems and Methods for Extracting Meaning from Multimodal	10970215	Oct 21, 2004	7295975	Nov 13, 2007	Issued

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
	Inputs Using Finite-State Devices					
28151-28489/US	System and Method for Speech Recognition-Enabled Automatic Call Routing	11005494	Dec 6, 2004	7242751	Jul 10, 2007	Issued
28151-28430/US	System and Method of Providing Conversational Visual Prosody for Talking Heads	11458282	Jul 18, 2006	8131551	Mar 6, 2012	Issued
28151-28435/US	Method of Active Learning for Automatic Speech Recognition	11549395	Oct 13, 2006	8650033	Feb 11, 2014	Issued
28151-28490/US	System and Method for Speech Recognition-Enabled Automatic Call Routing	11809817	Jun 1, 2007	7720203	May 18, 2010	Issued
28151-28478/US	Voice Over IP Based Biometric Authentication	11769469	Jun 27, 2007	7995995	Aug 9, 2011	Issued
28151-28487/US	System and Method for Facilitating Call Routing Using Speech Recognition	11834520	Aug 6, 2007	7653549	Jan 26, 2010	Issued
28151-28449/US	System and Method of Generating Responses to Text-Based Messages	11857036	Sep 18, 2007	8082151	Dec 20, 2011	Issued
28151-28417/US	Systems and Methods for Extracting Meaning from Multimodal Inputs Using Finite-State Devices	11904085	Sep 26, 2007	8103502	Jan 24, 2012	Issued
28151-28425/US	System and Method for Configuring Voice Synthesis	11924682	Oct 26, 2007	7624017	Nov 24, 2009	Issued
28151-28452/US	Transparent Voice Registration and Verification Method and System	12182182	Jul 30, 2008	8077836	Dec 13, 2011	Issued
28151-28469/US	System and Method for Audibly Presenting Selected Text	12257994	Oct 24, 2008	8239201	Aug 7, 2012	Issued

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-28423/US	System and Method for Providing a Compensated Speech Recognition Model for Speech Recognition	12264700	Nov 4, 2008	7996220	Aug 9, 2011	Issued
28151-28438/US	System and Method for Blending Synthetic Voices	12264622	Nov 4, 2008	7966186	Jun 21, 2011	Issued
28151-28459/US	System and Method for Pronunciation Modeling	12328407	Dec 4, 2008	8073693	Dec 6, 2011	Issued
28151-28466/US	Method and Apparatus for Managing Routing in a Network	12339989	Dec 19, 2008	7911976	Mar 22, 2011	Issued
28151-28456/US	System and Method for Recognizing Speech with Dialect Grammars	12343057	Dec 23, 2008	8635068	Jan 21, 2014	Issued
28151-28440/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	12414587	Mar 30, 2009	8024190	Sep 20, 2011	Issued
28151-28482/US	System and Method for Targeted Tuning of a Speech Recognition System	12503586	Jul 15, 2009	8401851	Mar 19, 2013	Issued
28151-28426/US	System and Method for Configuring Voice Synthesis	12607362	Oct 28, 2009	8086459	Dec 27, 2011	Issued
28151-28462/US	System and Method for Standardized Speech Recognition Infrastructure	12618371	Nov 13, 2009	8374867	Feb 12, 2013	Issued
28151-28472/US	System and Method for Training Adaptation-Specific Acoustic Models for Automatic Speech Recognition	12633334	Dec 8, 2009	8600749	Dec 3, 2013	Issued
28151-28488/US	System and Method for Facilitating Call Routing Using Speech Recognition	12634434	Dec 9, 2009	8112282	Feb 7, 2012	Issued
28151-28446/US	Method and Apparatus for Automatically Building Conversational Systems	12644393	Dec 22, 2009	8175230	May 8, 2012	Issued
28151-28491/US	System and Method for Processing	12750792	Mar 31, 2010	8306192	Nov 6, 2012	Issued

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
	Speech					
28151-28473/US	System and Method for Enhancing Voice-Enabled Search Based on Automatic Demographic Identification	12888012	Sep 22, 2010	8401853	Mar 19, 2013	Issued
28151-28475/US	System and Method for Combining Speech Recognition Outputs From a Plurality of Domain-Specific Speech Recognizers via Machine Learning	12895359	Sep 30, 2010	8812321	Aug 19, 2014	Issued
28151-28467/US	Methods, Apparatus and Articles of Manufacture to Manage Routing in Networks	13026948	Feb 14, 2011	8451754	May 28, 2013	Issued
28151-28479/US	Voice Over IP Based Biometric Authentication	13171600	Jun 29, 2011	8615219	Dec 24, 2013	Issued
28151-28441/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	13236167	Sep 19, 2011	8155960	Apr 10, 2012	Issued
28151-28418/US	Systems and Methods for Extracting Meaning from Multimodal Inputs Using Finite-State Devices	13291427	Nov 8, 2011	8214212	Jul 3, 2012	Issued
28151-28453/US	Transparent Voice Registration and Verification Method and System	13292436	Nov 9, 2011	8406382	Mar 26, 2013	Issued
28151-28450/US	System and Method of Generating Responses to Text-Based Messages	13300752	Nov 21, 2011	8296140	Oct 23, 2012	Issued
28151-28460/US	System and Method for Pronunciation Modeling	13302380	Nov 22, 2011	8862470	Oct 14, 2014	Issued
28151-28427/US	System and Method for Configuring Voice Synthesis	13303405	Nov 23, 2011	8620668	Dec 31, 2013	Issued
28151-28442/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	13442350	Apr 9, 2012	8504363	Aug 6, 2013	Issued

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-28447/US	Method and Apparatus for Automatically Building Conversational Systems	13465659	May 7, 2012	8462917	Jun 11, 2013	Issued
28151-28419/US	Systems and Methods for Extracting Meaning from Multimodal Inputs Using Finite-State Devices	13485574	May 31, 2012	8355916	Jan 15, 2013	Issued
28151-28470/US	System and Method for Audibly Presenting Selected Text	13567550	Aug 6, 2012	8489400	Jul 16, 2013	Issued
28151-28451/US	System and Method of Generating Responses to Text-Based Messages	13648647	Oct 10, 2012	8566096	Oct 22, 2013	Issued
28151-28420/US	Systems and Methods for Extracting Meaning from Multimodal Inputs Using Finite-State Devices	13690037	Nov 30, 2012	8626507	Jan 7, 2014	Issued
28151-28483/US	System and Method for Targeted Tuning of a Speech Recognition System	13760897	Feb 6, 2013	8751232	Jun 10, 2014	Issued
28151-28463/US	System and Method for Standardized Speech Recognition Infrastructure	13762978	Feb 8, 2013	8532992	Sep 10, 2013	Issued
28151-28454/US	Transparent Voice Registration and Verification Method and System	13767460	Feb 14, 2013	8913720	Dec 16, 2014	Issued
28151-28448/US	Method and Apparatus for Automatically Building Conversational Systems	13914974	Jun 11, 2013	8718242	May 6, 2014	Issued
28151-28443/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	13959351	Aug 5, 2013	8914283	Dec 16, 2014	Issued
28151-28464/US (T)	System and Method for Standardized Speech Recognition Infrastructure	14018808	Sep 5, 2013	8781831	Jul 15, 2014	Issued

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28151-28457/US (T)	System and Method for Recognizing Speech with Dialect Grammars	14139235	Dec 23, 2013	8924215	Dec 30, 2014	Issued
28151-28492/US	System and Method for Processing Speech	13644305	Oct 4, 2012			Pending
28151-28474/US (T)	System and Method for Enhancing Voice-Enabled Search Based on Automatic Demographic Identification	13847173	Mar 19, 2013			Pending
28151-28468/US (T)	Methods, Apparatus and Articles of Manufacture to Manage Routing in Networks	13875909	May 2, 2013			Pending
28151-28471/US (T)	System and Method for Audibly Presenting Selected Text	13943242	Jul 16, 2013			Pending
28151-28480/US (T)	Voice Over IP Based Voice Biometric Authentication	14082588	Nov 18, 2013			Pending
28151-28428/US (T)	System and Method for Configuring Voice Synthesis	14089874	Nov 26, 2013			Pending
28151-28484/US (T)	System and Method for Targeted Tuning of a Speech Recognition System	14262192	Apr 25, 2014			Pending
28151-28465/US (T)	System and Method for Standardized Speech Recognition Infrastructure	14330739	Jul 14, 2014			Pending
28151-28476/US (T)	System and Method for Combining Speech Recognition Outputs From a Plurality of Domain-Specific Speech Recognizers via Machine Learning	14459719	Aug 14, 2014			Pending
28151-28461/US (T)	System and Method for Pronunciation Modeling	14488844	Sep 17, 2014			Pending
28151-28455/US	Transparent Voice Registration and Verification Method and System	14526933	Oct 29, 2014			Pending

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-28444/US	System and Method for Unsupervised and Active Learning for Automatic Speech Recognition	14551739	Nov 24, 2014			Pending
28151-28458/US (T)	System and Method for Recognizing Speech with Dialect Grammars	14554164	Nov 26, 2014			Pending
28151-23981/US (T)	Automated Speech Recognition Proxy System for Natural Language Understanding	13936440	Jul 8, 2013			Pending
28151-24648/US (T)	Automated Recognition System for Natural Language Understanding	14050658	Oct 10, 2013			Pending
28151-18512/US	Real-Time Transcription System Utilizing Divided Audio Chunks	12618742	Nov 15, 2009			Pending
28151-25248/US (T)	Apparatus and Method for Processing Service Interactions	14136003	Dec 20, 2013			Pending

FOREIGN PATENTS AND PATENT APPLICATIONS

FILE #	TITLE	SERIAL #	FILING DATE	PATENT NUMBER	ISSUE DATE	STATUS
28151-18387/AU	Apparatus and Method for Processing Service Interactions	2004237227	May 5, 2004	2004237227	Oct 27, 2011	Issued
28151-18387/IN	A Method for Operating an Interactive Response System	2875CHENP2005	May 5, 2004	245680	Jan 28, 2011	Issued
28151-18387/NZ	Apparatus and Method for Processing Service Interactions	543885	May 5, 2004	543885	Jan 7, 2010	Issued
28151-28445/CA	Method and Apparatus for Automatically Building Conversational Systems	2490430	Dec 14, 2004	2490430	Jul 21, 2009	Issued
28151-28477/CN	Voice Over IP Based Biometric Authentication	2005800217084	Jul 28, 2005	ZL200580021708.4	Oct 27, 2010	Issued
28151-28477/KR	Voice Over IP Based Biometric Authentication	1020077004005	Jul 28, 2005			Pending
28151-28477/MX	Voice Over IP Based Biometric Authentication	MXa2007001051	Jul 28, 2005			Pending