

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4485734

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AT&T ALEX HOLDINGS, LLC	06/20/2017

RECEIVING PARTY DATA

Name:	INTERACTIONS LLC
Street Address:	31 HAYWARD STREET, SUITE E
City:	FRANKLIN
State/Country:	MASSACHUSETTS
Postal Code:	02038

PROPERTY NUMBERS Total: 14

Property Type	Number
Application Number:	09904253
Application Number:	60240203
Application Number:	09966081
Application Number:	13690636
Application Number:	11697935
Application Number:	13026900
Application Number:	10326629
Application Number:	12267183
Application Number:	11619325
Application Number:	10902076
Application Number:	11948364
Application Number:	11458256
Application Number:	13293919
PCT Number:	US2005026699

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 650-988-8500

Email: lgriffith@fenwick.com

Correspondent Name:	CHRISTOPHER-CHARLES P. KING
Address Line 1:	FENWICK & WEST LLP
Address Line 2:	801 CALIFORNIA STREET
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	28151-01000
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NAME OF SUBMITTER:	CHRISTOPHER-CHARLES P. KING, REG 60,985
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SIGNATURE:	/Christopher King/
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DATE SIGNED:	06/30/2017
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Total Attachments: 7

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CONFIRMATION OF ASSIGNMENT OF PATENT RIGHTS

This Confirmation of Assignment of Patent Rights ("Assignment") is made and entered into on this 20th day of June 2017, by and between:

AT&T Alex Holdings, LLC, a limited liability company formed and existing under the laws of the State of Delaware, AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, AT&T Intellectual Property II, L.P., a partnership organized and existing under the laws of the State of Nevada, AT&T Properties, LLC, a limited liability company formed and existing under the laws of the State of Nevada, and AT&T Corp., a corporation organized and existing under the laws of the State of New York (collectively "Assignor"); and

Interactions LLC, a limited liability company formed and existing under the laws of the State of Delaware ("Assignee").

WHEREAS, Assignor wishes to confirm Assignor's assignment and transfer to Assignee of all right, title and interest in and to, the patents and patent applications set forth on Attachment A1 attached hereto ("Assigned Patents"), e.g., pursuant to the Assignment of Patent Rights recorded at Reel 034642, Frames 0640 - 0656, and subject to the reservation of rights set forth therein, including relating to that certain Patent License and Assignment Agreement ("Patent Agreement") described therein;

WHEREAS, Assignee is desirous of confirming its acquisition of all right, title, and interest in and to the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned, and does hereby assign and confirm assignment to Assignee, or its designees, subject to the reservation of rights set forth in the Patent Agreement, all right, title and interest that existed and may exist in the future in and to all of the following (collectively, the "Assigned Patent Rights"): (a) the Assigned Patents, including: all rights pursuant to 35 U.S.C. § 154 and the right to claim priority from the Assigned Patents in any jurisdiction in the world; (b) all patents or patent applications (i) to which any of the foregoing claim priority and/or (ii) for which any of the foregoing forms a basis for priority; (c) any and all continuing, divisional and continuation-in-part applications of any of the foregoing; (d) all requests for continuing examination, substitutions, reissues, extensions, renewals and reexaminations of any of the foregoing; (e) all foreign patents, patent applications and counterparts to any of the foregoing, including certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and (f) all rights to apply in any country for patents, certification of invention, utility models, industrial design protections, design patent protection or other governmental grants or issuances corresponding to any of the foregoing throughout the world, including, without Limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding; (g) all inventions set forth in any of the Assigned Patents; (h) all past, present and future causes of action (whether currently pending, filed, or otherwise) and other enforcement actions (including, without Limitation, all rights to damages, injunctive remedies and relief, and other remedies of any kind for past, current and future infringement) and all rights to collect royalties (other than royalties or other payments due under agreements entered into by Assignor and third parties prior to the

date of this Assignment), damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions. The assignment of the Assigned Patents includes all documents related to the conception, diligence and reduction to practice of the inventions disclosed in the Assigned Patents and all domestic and international patent filing documents.

Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and any official of any other country whose duty it is to issue patents on the applications included in the Patent Rights, to issue all Letters Patent, patents, certificates of invention, utility models or other governmental grants or issuances for the inventions disclosed therein to Assignee, its successors and assigns, as the assignee to the entire interest therein.

Assignee hereby acknowledges receipt of the entire right, title and interest in and to the Assigned Patent Rights.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment of Patent Rights to be executed by their duly authorized representatives on the date set forth below.

ASSIGNOR:

AT&T Alex Holdings, LLC

By: AT&T Intellectual Property, LLC
Its Manager

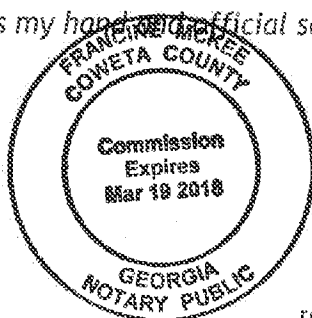
By: Scott Frank

Name: Scott Frank

Title: President & CEO

On this 14th day of June, 2017, before me, a Notary Public, appeared Scott Frank who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:



Francine McKee
Notary Public

[Signature Page to Patent Agreement]

[Signature Pages Continue]

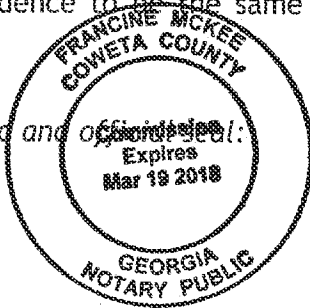
ASSIGNOR:

AT&T Intellectual Property I, L.P.
By: AT&T Intellectual Property, LLC
Its General Partner

By: Scott Frank
Name: Scott Frank
Title: President & CEO

On this 14th day of June, 2017, before me, a Notary Public, appeared Scott Frank who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

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Francine McKee
Notary Public

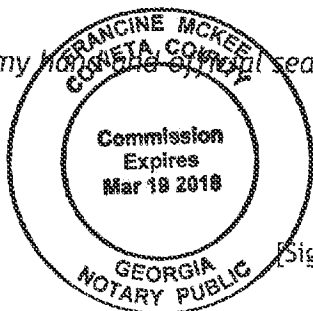
ASSIGNOR:

AT&T Intellectual Property II, L.P.
By: AT&T Intellectual Property, LLC
Its General Partner

By: Scott Frank
Name: Scott Frank
Title: President & CEO

On this 14th day of June, 2017, before me, a Notary Public, appeared Scott Frank who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:



Francine McKee
Notary Public

[Signature Page to Patent Agreement]

PATENT
REEL: 042870 FRAME: 0624

[Signature Pages Continue]

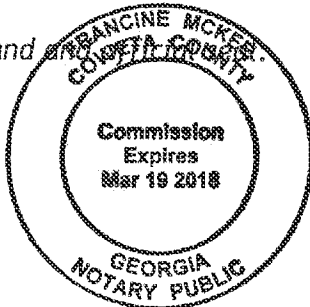
ASSIGNOR:

AT&T Properties, LLC

By: Jeanette Napp
Name: Jeanette Napp
Title: Assistant Secretary

On this 19 day of June, 2017, before me, a Notary Public, appeared Jeanette Napp, who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:



Francine McKee
Notary Public

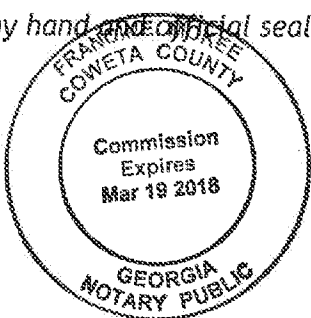
ASSIGNOR:

AT&T Corp.

By: Jeanette Napp
Name: Jeanette Napp
Title: Assistant Secretary

On this 19 day of June, 2017, before me, a Notary Public, appeared Jeanette Napp, who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:



Francine McKee
Notary Public

[Signature Page to Patent Agreement]

PATENT
REEL: 042870 FRAME: 0625

ASSIGNEE:

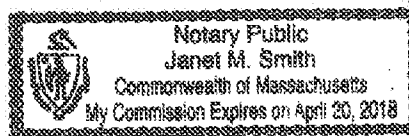
Interactions LLC

By: [Signature]
Name: Michael Iacobucci
Title: Chief Executive Officer

On this 20 day of June, 2017, before me, a Notary Public, appeared Michael Iacobucci, who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:

[Signature]
Notary Public



28151/01000/FW/9603633.3

ATTACHMENT A1

LIST OF PATENTS AND APPLICATIONS

Docket	Country	Sub Status Date	App. No.	Application Date	Grant Date	Next Tax Date	Patent No.	Title
1999-0779	United States	06/27/2006	09/904253	07/12/2001	06/27/2006	12/27/2017	7069215	Systems And Methods For Extracting Meaning From Multimodal Inputs Using Finite-State Devices
2000-0573	United States	10/01/2001	60/240203	10/13/2000				Human-Machine Dialog Tasks Using Concatenated Lattices For Current And Prior ASR Output
2000-0573	United States	05/15/2007	09/966081	10/01/2001	05/15/2007	11/15/2018	7219058	Systems And Methods For Automatic Speech Recognition
2000-0573	United States	10/29/2013	13/690636	11/30/2012	10/29/2013	04/29/2017	8571861	System And Method For Processing Speech Recognition
2000-0573	United States	03/08/2011	11/697935	04/09/2007	03/08/2011	09/08/2016	7904294	System And Method For Processing Speech Recognition
2000-0573	United States	01/01/2013	13/026900	02/14/2011	01/01/2013	07/01/2016	8346550	System And Method For Processing Speech Recognition
2002-0142A	United States	02/13/2007	10/326629	12/19/2002	02/13/2007	06/13/2018	7177816	System And Method Of Handling Problematic Input During Context-Sensitive Help For Multi-Modal Dialog Systems
2002-0142A	United States	02/11/2014	12/267183	11/07/2008				System And Method Of Handling Problematic Input During Context-Sensitive Help For Multi-Modal Dialog Systems
2002-0142A	United States	11/11/2008	11/619325	01/03/2007	11/11/2008	05/11/2020	7451088	System And Method Of Handling Problematic Input During Context-Sensitive Help For Multi-Modal Dialog Systems
IT1048	United States	09/12/2006	10/902076	07/30/2004	09/12/2006	03/12/2018	7107220	Centralized Biometric Authentication

IT1048	Japan	06/15/2011	2007-523787	06/28/2005				Centralized Biometric Authentication
IT1048	Korea South	03/07/2012	7004006/2007	07/28/2005	03/07/2012	03/07/2017	10- 1126775	Centralized Biometric Authentication
IT1048	United States	12/20/2011	11/948364	11/30/2007	12/20/2011	06/20/2019	8082154	Centralized Biometric Authentication
IT1048	Canada	02/25/2010	2565983	07/28/2005		07/28/2016		Centralized Biometric Authentication
IT1048	India	04/12/2013	427/CHENP/2007	07/28/2005				Centralized Biometric Authentication
IT1048	United States	01/29/2008	11/458256	07/18/2006	01/29/2008	07/29/2019	7324946	Centralized Biometric Authentication
IT1048	United States	01/07/2014	13/293919	11/10/2011	01/07/2014	07/07/2017	8626513	Centralized Biometric Authentication
IT1048	European Patent Convention	01/31/2011	05775596.5	07/28/2005		07/31/2016		Centralized Biometric Authentication
IT1048	China P.R.	05/04/2010	200580019939.1	07/28/2005				Centralized Biometric Authentication
IT1048	Mexico	04/22/2009	PA/a/2006/014682	06/28/2005				Centralized Biometric Authentication
IT1048	Patent Cooperation Treaty	02/12/2007	PCT/US05/026699	07/28/2005				Centralized Biometric Authentication