

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5665530

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	4

CONVEYING PARTY DATA

Name	Execution Date
AT&T INTELLECTUAL PROPERTY II, L.P.	12/14/2016

RECEIVING PARTY DATA

Name:	NUANCE COMMUNICATIONS, INC.
Street Address:	1 WAYSIDE ROAD
City:	BURLINGTON
State/Country:	MASSACHUSETTS
Postal Code:	01803

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16139133

CORRESPONDENCE DATA

Fax Number: (443)964-2201

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: 4439642200

Email: athumann@polsinelli.com

Correspondent Name: NUANCE COMMUNICATIONS - POLSINELLI

Address Line 1: 1 WAYSIDE ROAD

Address Line 4: BURLINGTON, MASSACHUSETTS 01803

ATTORNEY DOCKET NUMBER: 2006-A1409-CON-3 4

NAME OF SUBMITTER: ANGELA THUMANN

SIGNATURE: /Angela Thumann/

DATE SIGNED: 08/13/2019

Total Attachments: 57

source=4-Assignment-ATT-IP-II-to-Nuance#page1.tif

source=4-Assignment-ATT-IP-II-to-Nuance#page2.tif

source=4-Assignment-ATT-IP-II-to-Nuance#page3.tif

source=4-Assignment-ATT-IP-II-to-Nuance#page4.tif

source=4-Assignment-ATT-IP-II-to-Nuance#page5.tif

PATENT

REEL: 050036 FRAME: 0208

source=4-Assignment-ATT-IP-II-to-Nuance#page54.tif
source=4-Assignment-ATT-IP-II-to-Nuance#page55.tif
source=4-Assignment-ATT-IP-II-to-Nuance#page56.tif
source=4-Assignment-ATT-IP-II-to-Nuance#page57.tif

EXHIBIT B2

ASSIGNMENT OF PATENT RIGHTS

This Assignment of Patent Rights ("Assignment") is made and entered into on this 14th day of December, 2016, by and between:

AT&T Intellectual Property II, L.P., a partnership organized and existing under the laws of the State of Nevada, with a place of business at 645 E. Plumb Lane, Reno, Nevada 89502 ("Assignor"); and
Nuance Communications, Inc. with a place of business at 1 Wayside Road, Burlington, Massachusetts 01803 U.S.A. ("Assignee").

WHEREAS, Assignor is the owner of all right, title and interest in and to the has agreed to assign and transfer to Assignee all right, title and interest in and to the patents and patent applications set forth on Attachment A attached hereto ("Assigned Patents");

WHEREAS, Assignee is desirous of acquiring all right, title, and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns to Assignee, or its designees, all right, title and interest that exist today and may exist in the future in and to all of the following (collectively, the "Patent Rights"): (a) the Assigned Patents, including, without limitation: all rights pursuant to 35 U.S.C. § 154; (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, without limitation, 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, without limitation, 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.

The terms and conditions of this Assignment of Patent Rights 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 has caused this Assignment of Patent Rights to be executed by its duly authorized representative on the date set forth below.

ASSIGNOR:

AT&T Intellectual Property II, L.P.

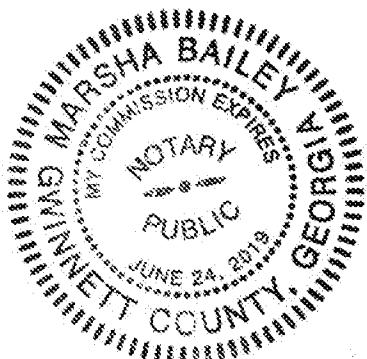
By Jeanette Napp

Jeanette Napp, Assistant Secretary
AT&T Intellectual Property LLC
As General Partner for AT&T Intellectual Property II,
L.P.

On this 14 day of December, 2016, 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:

Marsha Bailey
Notary Public



ATTACHMENT A

LIST OF PATENTS AND APPLICATIONS

Docket Number	Country	Relationship	Application Date	Application Number	Grant Date	Patent Number	Substatus	Patent Title	Assignor
108851	USA	Original Filing	6/26/1996	08/670888	11/10/1998	5835570	Expired	Voice-Directed Telephone Directory With Voice Access To Directory Assistance	AT&T Intellectual Property II, LP
108947	USA	Original Filing	9/29/1995	08/536296			Abandoned	Telephone Network Service For Converting Speech To Touch-Tones	Abandoned
108947	Canada	Original Filing	9/24/1996	2205550	10/17/2000	2205550	Lapsed	Telephone Network Service For Converting Speech To Touch-Tones	Lapsed
108947	European Patent Convention	Original Filing	9/24/1996	96935932.2	1/15/2003	0795170	National Patents Granted	Telephone Network Service For Converting Speech To Touch-Tones	Inactive
108947	France	Original Filing	9/24/1996	96935932.2	1/15/2003	0795170	Lapsed	Telephone Network Service For Converting Speech To Touch-Tones	Lapsed
108947	Great Britain	Original Filing	9/24/1996	96935932.2	1/15/2003	0795170	Lapsed	Telephone Network Service For Converting Speech To Touch-Tones	Lapsed
108947	Germany	Original Filing	9/24/1996	96935932.2	1/15/2003	69625793.9	Lapsed	Telephone Network Service For Converting Speech To Touch-Tones	Lapsed
108947	Japan	Original Filing	9/24/1996	513558/1997			Incur No Further Costs	Telephone Network Service For Converting Speech To Touch-Tones	Inactive
108947	Patent Cooperation Treaty	Original Filing	9/24/1996	PCT/US96/15 283			National Filing Requested	Telephone Network Service For Converting Speech to Touch-Tones	Inactive
108947	USA	File Wrapper Continuation	6/2/1997	08/867773	3/27/2001	6208966	Expired	Telephone Network Service For Converting Speech to Touch-Tones	Expired
109018	USA	Original Filing	12/20/1995	08/575378	9/8/1998	5806022	Expired	Method And System For Performing Speech Recognition	Expired
109018	Canada	Original Filing	12/9/1996	2192397	4/6/2001	2192397	Patented	Method and System for Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Mexico	Original Filing	12/16/1996	966483			Incur No Further Costs	Method And System For Performing Speech Recognition	Inactive
109018	European Patent Convention	Original Filing	12/17/1996	96120278.5			National Patents Granted	Method and System for Performing Speech Recognition	Inactive
109018	France	Original Filing	12/17/1996	96120278.5	11/7/2001	0780828	Patented	Method and System for Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Great Britain	Original Filing	12/17/1996	96120278.5	11/7/2001	0780828	Patented	Method and System for Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Germany	Original Filing	12/17/1996	96120278.5	11/7/2001	69616724.7	Patented	Method and System for Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Japan	Original Filing	12/20/1996	341738/1996	12/7/2007	4050350	Patented	Method And System For Performing Speech Recognition	AT&T Intellectual Property II, LP

EXECUTABLE COPY

109018	European Patent Convention	Division	11/13/2000	00124763.4	8/31/2005	1093112	National Patents Granted	Method And System For Performing Speech Recognition	Inactive
109018	France	Division	11/13/2000	00124763.4	8/31/2005	1093112	Patented	Method And System For Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Great Britain	Division	11/13/2000	00124763.4	8/31/2005	1093112	Patented	Method And System For Performing Speech Recognition	AT&T Intellectual Property II, LP
109018	Germany	Division	11/13/2000	00124763.4	8/31/2005	69635141.2	Patented	Method And System For Performing Speech Recognition	AT&T Intellectual Property II, LP
109134	USA	Original Filing	11/17/1995	08/559900			Abandoned	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Abandoned
109134	Canada	Original Filing	11/13/1996	2209948	12/26/2000	2209948	Patented	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	AT&T Intellectual Property II, LP
109134	European Patent Convention	Original Filing	11/13/1996	96940782.4	8/3/2005	0804850	National Patents Granted	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Inactive
109134	Japan	Original Filing	11/13/1996	519875/1997			Abandoned	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Abandoned
109134	Mexico	Original Filing	11/13/1996	975352	7/19/2001	203124	Lapsed	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Lapsed
109134	Patent Cooperation Treaty	Original Filing	11/13/1996	PCT/US96/18195			National Filing Requested	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Inactive
109134	France	Original Filing	11/13/1996	96940782.4	8/3/2005	0804850	Patented	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	AT&T Intellectual Property II, LP
109134	Great Britain	Original Filing	11/13/1996	96940782.4	8/3/2005	0804850	Patented	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	AT&T Intellectual Property II, LP
109134	Germany	Original Filing	11/13/1996	0804850	8/3/2005	69635015.7	Lapsed	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Lapsed
109134	USA	File Wrapper Continuation	7/24/1997	08/899789	4/11/2000	6049594	Expired	Automatic Vocabulary Generation For Telecommunications Network-Based Voice-Dialing	Expired
109451	USA	Original Filing	9/15/1995	08/528821	9/8/1998	5806029	Expired	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Expired
109451	Canada	Original Filing	9/12/1996	2204866	1/22/2002	2204866	Lapsed	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Lapsed
109451	European Patent Convention	Original Filing	9/12/1996	96930853.5	3/26/2003	0792503	National Patents Granted	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Inactive
109451	France	Original Filing	9/12/1996	96930853.5	3/26/2003	0792503	Lapsed	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Lapsed

Page 108 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0214

EXECUTABLE COPY

109451	Great Britain	Original Filing	9/12/1996	96930853.5	3/26/2003	0792503	Lapsed	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Lapsed
109451	Patent Cooperation Treaty	Original Filing	9/12/1996	PCT/US96/14649			National Filing Requested	Signal Conditioned Minimum Error Rate Training For Continuous Speech Recognition	Inactive
110089	USA	Original Filing	9/15/1995	08/528578	10/7/1997	5675707	Expired	Automated Call Router System and Method	Expired
110089	Canada	Original Filing	9/12/1996	2204868	6/25/2002	2204868	Lapsed	Automated Call Router System And Method	Lapsed
110089	European Patent Convention	Original Filing	9/12/1996	96931575.3	7/17/2002	0797823	National Patents Granted	Automated Call Router System And Method	Inactive
110089	France	Original Filing	9/12/1996	96931575.3	7/17/2002	0797823	Lapsed	Automated Call Router System And Method	Lapsed
110089	Great Britain	Original Filing	9/12/1996	96931575.3	7/17/2002	0797823	Lapsed	Automated Call Router System And Method	Lapsed
110089	Germany	Original Filing	9/12/1996	96931575.3	7/17/2002	69622371.6	Lapsed	Automated Call Router System And Method	Lapsed
110089	Italy	Original Filing	9/12/1996	96931575.3	7/17/2002	0797823	Lapsed	Automated Call Router System And Method	Lapsed
110089	Mexico	Original Filing	9/12/1996	973425	8/10/1999	192958	Lapsed	Automated Call Router System and Method	Lapsed
110089	Patent Cooperation Treaty	Original Filing	9/12/1996	PCT/US96/14743			National Filing Requested	Automated Call Router System and Method	Inactive
110089	Spain	Original Filing	9/12/1996	96931575.3	7/17/2002	0797823	Lapsed	Automated Call Router System And Method	Lapsed
110178	USA	Original Filing	12/4/1996	08/759916	8/28/2001	6282511	Patented	Voiced Interface With Hyperlinked Information	AT&T Intellectual Property II, LP
110178	Canada	Original Filing	8/21/1997	2213591			Abandoned	System And Method For Voiced Interface With Hyperlinked Information	Abandoned
110178	European Patent Convention	Original Filing	10/29/1997	97118811.5			Abandoned	System And Method For Voiced Interface With Hyperlinked Information	Abandoned
110178	Mexico	Original Filing	11/24/1997	979035			Abandoned	System And Method For Voiced Interface With Hyperlinked Information	Abandoned
110178	Japan	Original Filing	12/4/1997	333888/1997	6/2/2006	3811280	Patented	System And Method For Voiced Interface With Hyperlinked Information	AT&T Intellectual Property II, LP
110443	USA	Original Filing	7/16/1997	08/895183	8/8/2000	6101241	Patented	Telephone-Based Speech Recognition for Data Collection	AT&T Intellectual Property II, LP
110443	Canada	Original Filing	4/20/1998	2235361			Abandoned	Telephone-Based Speech Recognition for Data Collection	Abandoned
110832	USA	Original Filing	10/2/1996	08/733245	4/13/1999	5894504	Patented	Advanced Call Waiting and Messaging System	AT&T Intellectual Property II, LP
110832	Canada	Original Filing	9/15/1997	2215651	12/5/2000	2215651	Lapsed	Advanced Call Waiting and Messaging System	Lapsed

Page 109 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0215

EXECUTABLE COPY

110832	European Patent Convention	Original Filing	9/29/1997	97116901.6			Abandoned	Advanced Call Waiting and Messaging System	Abandoned
110832	Japan	Original Filing	9/29/1997	Hei 9-263097	6/6/2003	3437068	Lapsed	Advanced Call Waiting And Messaging System	Lapsed
111063	USA	Original Filing	1/2/1997	08/775914	3/20/2001	6205321	Patented	Pager Having Voice Synthesis Capability And Method For Using The Same	AT&T Intellectual Property II, LP
111063	Canada	Original Filing	6/26/1997	2209097	7/16/2002	2209097	Patented	Remote Retrieval System For Pagers	AT&T Intellectual Property II, LP
111063	India	Original Filing	7/8/1997	1527/MAS/97			Incur No Further Costs	Remote Retrieval System For Pagers	Inactive
111063	Mexico	Original Filing	12/18/1997	9710343	4/29/2002	207628	Patented	Remote Retrieval System For Pagers	AT&T Intellectual Property II, LP
111063	Japan	Original Filing	12/26/1997	358881/1997	7/20/2007	3987180	Lapsed	Remote Retrieval System For Pagers	Lapsed
111063	China P.R.	Original Filing	12/30/1997	97123488.4			Abandoned	Remote Retrieval System For Pagers	Abandoned
111063	European Patent Convention	Original Filing	12/30/1997	97123002.4			Abandoned	Remote Retrieval System For Pagers	Abandoned
111113	USA	Original Filing	3/28/1996	60/014255			Converted	Methods For Improving Automatic Activation Of Speech Processing Features	Inactive
111113	USA	Original Filing	12/18/1996	08/767359	2/1/2000	6021194	Lapsed	Flash-Cut Of Speech Processing Features In A Telephone Call	Lapsed
111113	Canada	Original Filing	3/6/1997	2199309	5/30/2000	2199309	Lapsed	Flash-Cut Of Speech Processing Features In A Telephone Call	Lapsed
111113	European Patent Convention	Original Filing	3/7/1997	97103876.5			Abandoned	Flash-Cut Of Speech Processing Features In A Telephone Call	Abandoned
111113	Mexico	Original Filing	3/25/1997	972228			Abandoned	Flash-Cut Of Speech Processing Features In A Telephone Call	Abandoned
111113	Japan	Original Filing	3/28/1997	77076/1997			Abandoned	Flash-Cut Of Speech Processing Features In A Telephone Call	Abandoned
111113	USA	Continuation	12/30/1998	09/222802	9/17/2002	6453043	Patented	Flash-Cut Of Speech Processing Features In A Telephone Call	AT&T Intellectual Property II, LP
111216	USA	Original Filing	1/21/1997	08/781368			Abandoned	Determinization And Minimization For Speech Recognition	Abandoned
111216	Canada	Original Filing	1/5/1998	2226233	5/9/2006	2226233	Patented	Determinization And Minimization For Speech Recognition	AT&T Intellectual Property II, LP
111216	European Patent Convention	Original Filing	1/9/1998	98300140.5	7/30/2003	0854468	National Patents Granted	Determinization And Minimization For Speech Recognition	Inactive
111216	France	Original Filing	1/9/1998	98300140.5	7/30/2003	0854468	Patented	Determinization And Minimization For Speech Recognition	AT&T Intellectual Property II, LP
111216	Great Britain	Original Filing	1/9/1998	98300140.5	7/30/2003	0854468	Patented	Determinization And Minimization For Speech Recognition	AT&T Intellectual Property II, LP
111216	Germany	Original Filing	1/9/1998	98300140.5	7/30/2003	69816676.0	Patented	Determinization And Minimization For Speech Recognition	AT&T Intellectual Property II, LP

EXECUTABLE COPY

111216	USA	Continuation	10/2/1998	09/165423	6/5/2001	6243679	Patented	Systems And Methods For Determinizing And Minimizing A Finite State Transducer For Speech Recognition	AT&T Intellectual Property II, LP
111216	USA	Division	10/27/2000	09/697139	9/24/2002	6456971	Patented	Systems And Methods For Determinizing And Minimizing A Finite State Transducer For Pattern Recognition	AT&T Intellectual Property II, LP
111268	USA	Original Filing	6/14/1996	08/665182	5/15/2001	6233544	Expired	Method And Apparatus For Language Translation	AT&T Intellectual Property II, LP
111268	Canada	Original Filing	4/15/1997	2202696	2/6/2001	2202696	Patented	Method And Apparatus For Language Translation	AT&T Intellectual Property II, LP
111268	European Patent Convention	Original Filing	6/10/1997	97109411.5	11/26/2003	0813156	National Patents Granted	Method And Apparatus For Language Translation	Inactive
111268	France	Original Filing	6/10/1997	97109411.5	11/26/2003	0813156	Lapsed	Method And Apparatus For Language Translation	Lapsed
111268	Great Britain	Original Filing	6/10/1997	97109411.5	11/26/2003	0813156	Patented	Method And Apparatus For Language Translation	AT&T Intellectual Property II, LP
111268	Germany	Original Filing	6/10/1997	97109411.5	11/26/2003	69726339.8	Lapsed	Method And Apparatus For Language Translation	Lapsed
111268	Mexico	Original Filing	6/10/1997	974287	1/28/2003	212693	Patented	Method And Apparatus For Language Translation	AT&T Intellectual Property II, LP
111721	USA	Original Filing	4/25/1997	08/845732	8/22/2000	6108629	Patented	Method and Apparatus For Voice Interaction Over A Network Using An Information Flow Controller	AT&T Intellectual Property II, LP
111730	USA	Original Filing	12/13/1996	08/763382	10/24/2000	6137863	Patented	Statistical Database Correction of Alphanumeric Account Numbers For Speech Recognition And Touch-Tone Recognition	AT&T Intellectual Property II, LP
111730	Canada	Original Filing	11/19/1997	2221913	3/5/2002	2221913	Patented	Statistical Database Correction of Alphanumeric Account Numbers for Speech Recognition and Touch-Tone Recognition	AT&T Intellectual Property II, LP
111730	European Patent Convention	Original Filing	11/19/1997	97309311.5	6/9/2005	0848536	National Patents Granted	Statistical Database Correction Of Alphanumeric Account Numbers For Speech Recognition And Touch-Tone Recognition	Inactive
111730	France	Original Filing	11/19/1997	97309311.5	6/9/2005	0848536	Lapsed	Statistical Database Correction Of Alphanumeric Account Numbers For Speech Recognition And Touch-Tone Recognition	Lapsed
111730	Great Britain	Original Filing	11/19/1997	97309311.5	6/9/2005	0848536	Lapsed	Statistical Database Correction Of Alphanumeric Account Numbers For Speech Recognition And Touch-Tone Recognition	Lapsed
111730	Germany	Original Filing	11/19/1997	97309311.5	6/9/2005	69733740.5	Lapsed	Statistical Database Correction Of Alphanumeric Account Numbers For Speech Recognition And Touch-Tone Recognition	Lapsed

Page 111 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0217

EXECUTABLE COPY

111731	USA	Original Filing	12/16/1996	08/771356	5/9/2000	6061654	Patented	System And Method Of Recognizing Letters And Numbers By Either Speech Or Touch Tone Recognition Utilizing Constrained Confusion Matrices	AT&T Intellectual Property II, LP
111791	USA	Original Filing	4/14/1997	08/837174	4/9/2002	6370375	Patented	Voice-Response Paging Device And Method	AT&T Intellectual Property II, LP
111791	Canada	Original Filing	1/30/1998	2228232	10/14/2003	2228232	Patented	Voice-Response Paging Device And Method	AT&T Intellectual Property II, LP
111791	European Patent Convention	Original Filing	2/9/1998	98300910.1			Incur No Further Costs	Voice-Response Paging Device And Method	Inactive
111791	India	Original Filing	3/18/1998	569/MAS/98	9/18/2006	202220	Patented	Voice-Response Paging Device And Method	AT&T Intellectual Property II, LP
111791	Japan	Original Filing	4/7/1998	Hei 10-094452			Incur No Further Costs	Voice-Response Paging Device And Method	Inactive
111791	China P.R.	Original Filing	4/10/1998	98106483.3			Abandoned	Voice-Response Paging Device And Method	Abandoned
111791	Mexico	Original Filing	4/13/1998	982859			Incur No Further Costs	Voice-Response Paging Device And Method	Inactive
111791	USA	Division	6/25/2001	09/887447			Abandoned	Voice-Response Paging Device And Method	Abandoned
111791	European Patent Convention	Division	9/28/2001	01122816.0			Incur No Further Costs	Voice-Response Paging Device And Method	Inactive
111853	USA	Original Filing	4/14/1997	08/833210	6/20/2000	6078886	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Canada	Original Filing	2/5/1998	2228917	3/19/2002	2228917	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Mexico	Original Filing	4/7/1998	982754			Incur No Further Costs	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	Inactive
111853	European Patent Convention	Original Filing	4/8/1998	98106446.2	4/6/2005	0872827	National Patents Granted	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	Inactive
111853	Japan	Original Filing	4/8/1998	Hei 10-95930			Incur No Further Costs	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	Inactive
111853	France	Original Filing	4/8/1998	98106446.2	4/6/2005	0872827	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP

Page 112 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0218

EXECUTABLE COPY

111853	Great Britain	Original Filing	4/8/1998	98106446.2	4/6/2005	0872827	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Germany	Original Filing	4/8/1998	98106446.2	4/6/2005	69829604.4	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Italy	Original Filing	4/8/1998	5020059013 19206	4/6/2005	0872827	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	3/24/2000	09/533820	4/2/2002	6366886	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	2/5/2002	10/067464	8/5/2003	6604077	Patented	System And Method For Providing Remote Automatic Speech Recognition And Text To Speech Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Japan	Division	5/29/2002	2002-156302			Incur No Further Costs	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	Inactive
111853	USA	Continuation	1/21/2003	10/347977	2/15/2005	6856960	Patented	System And Method For Providing Remote Automatic Speech Recognition And Text-To-Speech Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Mexico	Division	1/31/2003	PA/a/2003/0 00956	4/20/2009	266146	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Mexico	Division	1/31/2003	PA/a/2003/0 00957	12/13/2006	242648	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	1/7/2005	11/031386	11/21/2006	7139715	Patented	System And Method For Providing Remote Automatic Speech Recognition And Text-To-Speech Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Japan	Division	1/18/2006	2006-010432	10/28/2011	4849894	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	10/12/2006	11/548882	6/26/2012	8209184	Patented	System And Method Of Providing Generated Speech Via A Network	AT&T Intellectual Property II, LP
111853	Mexico	Division	10/18/2007	MX/a/2007/ 013014	3/5/2010	274363	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP

EXECUTABLE COPY

111853	Mexico	Division	10/18/2007	PA/a/2007/0 13015	9/28/2010	279417	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Mexico	Division	10/18/2007	PA/a/2007/0 13017	9/28/2010	279419	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	Mexico	Division	10/18/2007	MX/a/2007/ 013012	5/27/2010	276216	Patented	System And Method For Providing Remote Automatic Speech Recognition Services Via A Packet Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	6/19/2012	13/527151	6/23/2015	9065914	Patented	System And Method Of Providing Generated Speech Via A Network	AT&T Intellectual Property II, LP
111853	USA	Continuation	6/19/2015	14/744223			Filed	System And Method Of Providing Generated Speech Via A Network	AT&T Intellectual Property II, LP
111892	USA	Original Filing	4/10/1997	08/835911	9/26/2000	6125376	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	European Patent Convention	Original Filing	3/27/1998	98302359.9	8/30/2006	0878948	National Patents Granted	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	Inactive
111892	France	Original Filing	3/27/1998	98302359.9	8/30/2006	0878948	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Great Britain	Original Filing	3/27/1998	98302359.9	8/30/2006	0878948	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Germany	Original Filing	3/27/1998	0878948	8/30/2006	69835718.3	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Republic of Korea	Original Filing	4/1/1998	10-1998-0011407	3/23/2006	566014	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Canada	Original Filing	4/3/1998	2234076	1/7/2003	2234076	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Israel	Original Filing	4/7/1998	123981	8/25/2002	123981	Patented	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	AT&T Intellectual Property II, LP
111892	Mexico	Original Filing	4/7/1998	982752	1/8/2003	212434	Lapsed	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	Lapsed

Page 114 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0220

EXECUTABLE COPY

111892	Japan	Original Filing	4/9/1998	98613/1998			Incur No Further Costs	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	Inactive
111892	USA	Continuation	3/3/2000	09/518744			Abandoned	Method And Apparatus For Voice Interaction Over A Network Using Parameterized Interaction Definitions	Abandoned
112043	USA	Original Filing	5/20/1997	08/858966	3/30/1999	5890120	Patented	Segmentation and Sign Language Synthesis	AT&T Intellectual Property II, LP
112043	European Patent Convention	Original Filing	4/7/1998	98914574.3			Abandoned	Segmentation And Sign Language Synthesis	Abandoned
112043	Patent Cooperation Treaty	Original Filing	4/7/1998	PCT/US98/06918			National Filing Requested	Segmentation and Sign Language Synthesis	Inactive
112075	USA	Original Filing	5/8/1998	09/075162	6/20/2000	6078885	Patented	Verbal, Fully Automatic Dictionary Updates By End-Users Of Speech Synthesis And Recognition Systems	AT&T Intellectual Property II, LP
112076	USA	Original Filing	1/31/1997	08/792326	2/23/1999	5875422	Patented	Automatic Language Translation Technique For Use In A Telecommunications Network	AT&T Intellectual Property II, LP
112076	Canada	Original Filing	1/26/1998	2227981	3/27/2001	2227981	Patented	Automatic Language Translation Technique for Use in a Telecommunications Network	AT&T Intellectual Property II, LP
112076	Mexico	Original Filing	1/28/1998	980798			Abandoned	Automatic Language Translation Technique For Use In A Telecommunications Network	Abandoned
112125	USA	Original Filing	3/20/1997	08/821349	7/27/1999	5930753	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP
112125	Canada	Original Filing	1/26/1998	2227982	9/17/2002	2227982	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP
112125	European Patent Convention	Original Filing	3/13/1998	98104599.0			National Patents Granted	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	Inactive
112125	France	Original Filing	3/13/1998	98104599.0	9/11/2002	0866442	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP
112125	Great Britain	Original Filing	3/13/1998	98104599.0	9/11/2002	0866442	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP
112125	Germany	Original Filing	3/13/1998	98104599.0	9/11/2002	69807765.2	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP
112125	Italy	Original Filing	3/13/1998	98104599.0	9/11/2002	32648 BE/2002	Lapsed	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	Lapsed
112125	Mexico	Original Filing	3/17/1998	982091	4/2/2002	207363	Patented	Combining Frequency Warping And Spectral Shaping In HMM Based Speech Recognition	AT&T Intellectual Property II, LP

Page 115 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0221

EXECUTABLE COPY

112126	USA	Original Filing	8/22/1997	08/916662	6/15/1999	5913192	Patented	Speaker Identification With User-Selected Password Phrases	AT&T Intellectual Property II, LP
112193	USA	Original Filing	9/30/1997	08/941379	6/19/2001	6249761	Patented	Assigning And Processing States And Arcs Of A Speech Recognition Model In Parallel Processors	AT&T Intellectual Property II, LP
112193	USA	Continuation	3/13/2001	09/804041	4/16/2002	6374212	Patented	System And Apparatus For Recognizing Speech	AT&T Intellectual Property II, LP
112213	USA	Original Filing	5/21/1997	08/861413	6/13/2000	6076057	Patented	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	AT&T Intellectual Property II, LP
112213	Canada	Original Filing	3/25/1998	2233179	7/23/2002	2233179	Patented	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	AT&T Intellectual Property II, LP
112213	European Patent Convention	Original Filing	5/12/1998	98108621.8	7/9/2003	0880126	National Patents Granted	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Inactive
112213	France	Original Filing	5/12/1998	98108621.8	7/9/2003	0880126	Lapsed	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Lapsed
112213	Great Britain	Original Filing	5/12/1998	98108621.8	7/9/2003	0880126	Lapsed	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Lapsed
112213	Germany	Original Filing	5/12/1998	98108621.8	7/9/2003	69816177.7	Lapsed	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Lapsed
112213	Italy	Original Filing	5/12/1998	98108621.8	7/9/2003	31775/BE/2 003	Lapsed	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Lapsed
112213	Spain	Original Filing	5/12/1998	98108621.8	7/9/2003	0880126	Lapsed	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Lapsed
112213	Mexico	Original Filing	5/18/1998	983921			Incur No Further Costs	Unsupervised HMM Adaptation Based On Speech-Silence Discrimination	Inactive
112215	USA	Original Filing	5/27/1997	08/863927	9/28/1999	5960397	Patented	System And Method Of Recognizing An Acoustic Environment To Adapt A Set of Based Recognition Models To The Current Acoustic Environment For Subsequent Speech Recognition	AT&T Intellectual Property II, LP
112215	Canada	Original Filing	3/31/1998	2233728	10/15/2002	2233728	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112215	European Patent Convention	Original Filing	5/14/1998	98108805.7	8/10/2005	0881625	National Patents Granted	Multiple Models Integration For Multi-Environment Speech Recognition	Inactive
112215	France	Original Filing	5/14/1998	98108805.7	8/10/2005	0881625	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112215	Great Britain	Original Filing	5/14/1998	98108805.7	8/10/2005	0881625	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP

Page 116 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0222

EXECUTABLE COPY

112215	Germany	Original Filing	5/14/1998	0881625	8/10/2005	69831114.0	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112215	Mexico	Original Filing	5/19/1998	983964			Incur No Further Costs	Multiple Models Integration For Multi-Environment Speech Recognition	Inactive
112215	European Patent Convention	Division	1/25/2005	05001473.7	8/1/2007	1526504	National Patents Granted	Multiple Models Integration For Multi-Environment Speech Recognition	Inactive
112215	France	Division	1/25/2005	05001473.7	8/1/2007	1526504	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112215	Great Britain	Division	1/25/2005	05001473.7	8/1/2007	1526504	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112215	Germany	Division	1/25/2005	1526504	8/1/2007	69838189.0	Patented	Multiple Models Integration For Multi-Environment Speech Recognition	AT&T Intellectual Property II, LP
112299	USA	Original Filing	7/18/1997	08/897054	9/21/1999	5956668	Patented	Method And Apparatus For Speech Translation With Unrecognized Segments	AT&T Intellectual Property II, LP
112299	Canada	Original Filing	4/21/1998	2235434	8/6/2002	2235434	Patented	Method And Apparatus For Speech Translation With Unrecognized Segments	AT&T Intellectual Property II, LP
112299	European Patent Convention	Original Filing	7/3/1998	98112396.1			Abandoned	Method And Apparatus For Speech Translation With Unrecognized Segments	Abandoned
112299	Mexico	Original Filing	7/6/1998	985475	8/21/2003	215958	Patented	Method And Apparatus For Speech Translation With Unrecognized Segments	AT&T Intellectual Property II, LP
112331	USA	Original Filing	8/5/1997	08/905931	5/20/2003	6567779	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	European Patent Convention	Original Filing	8/4/1998	98306215.9	11/12/2003	0896322	National Patents Granted	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	Inactive
112331	France	Original Filing	8/4/1998	98306215.9	11/12/2003	0896322	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	Great Britain	Original Filing	8/4/1998	98306215.9	11/12/2003	0896322	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	Germany	Original Filing	8/4/1998	98306215.9	11/12/2003	69819624.4	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	Canada	Original Filing	8/5/1998	2244624	5/28/2002	2244624	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	Japan	Original Filing	8/5/1998	Hei 10-222072	4/8/2011	4716532	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP

Page 117 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0223

EXECUTABLE COPY

112331	USA	Continuation	1/23/2003	10/350225	3/1/2005	6862569	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	USA	Continuation	1/7/2005	11/030781	9/19/2006	7110950	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	USA	Continuation	8/11/2006	11/464018	4/29/2008	7366670	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	USA	Division	10/31/2007	11/931093	9/1/2009	7584105	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	USA	Division	8/18/2008	12/193397	11/30/2010	7844463	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112331	Japan	Division	6/5/2009	2009-135960	7/15/2011	4783449	Patented	Method And System For Aligning Natural And Synthetic Video To Speech Synthesis	AT&T Intellectual Property II, LP
112341	USA	Original Filing	8/12/1997	08/909741			Abandoned	Natural Language Knowledge Servers As Network Resources	Abandoned
112341	USA	Continuation	6/17/1999	09/334916	2/20/2001	6192338	Patented	Natural Language Knowledge Servers As Network Resources	AT&T Intellectual Property II, LP
112341	USA	Continuation	9/29/2000	09/672992			Incur No Further Costs	Natural Language Knowledge Servers As Network Resources	Inactive
112382	USA	Original Filing	11/20/1997	08/975589	9/19/2000	6122612	Patented	Check-Sum Based Method And Apparatus For Performing Speech Recognition	AT&T Intellectual Property II, LP
112383	USA	Original Filing	12/29/1998	09/221582	4/23/2002	6377922	Patented	Distributed Recognition System Having Multiple Prompt-Specific And Response-Specific Speech Recognizers	AT&T Intellectual Property II, LP
112386	USA	Original Filing	2/4/1998	09/018449	4/24/2001	6223158	Patented	Statistical Option Generator For Alpha-Numeric Pre-Database Speech Recognition Correction	AT&T Intellectual Property II, LP
112409	USA	Original Filing	11/10/1997	08/966878	5/30/2000	6069939	Patented	Country-Based Language Selection	AT&T Intellectual Property II, LP
112426	USA	Original Filing	4/14/1998	09/059912	10/24/2000	6138100	Patented	Interface For A Voice-Activated Connection System	AT&T Intellectual Property II, LP
112452	USA	Original Filing	10/29/1997	08/960291	2/1/2000	6021384	Patented	Automatic Generation Of SuperWords	AT&T Intellectual Property II, LP
112453	USA	Original Filing	10/29/1997	08/960289	3/28/2000	6044337	Patented	Selection of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	AT&T Intellectual Property II, LP
112453	Canada	Original Filing	10/23/1998	2275774	9/30/2003	2275774	Patented	Selection of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	AT&T Intellectual Property II, LP
112453	European Patent Convention	Original Filing	10/23/1998	98953894.7	5/6/2004	0950240	National Patents Granted	Selection Of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	Inactive

Page 118 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0224

EXECUTABLE COPY

112453	Patent Cooperation Treaty	Original Filing	10/23/1998	PCT/US98/22399			National Filing Requested	Selection of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	Inactive
112453	France	Original Filing	10/23/1998	98953894.7	5/6/2004	0950240	Patented	Selection Of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	AT&T Intellectual Property II, LP
112453	Germany	Original Filing	10/23/1998	98953894.7	5/6/2004	69823644.0	Patented	Selection Of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	AT&T Intellectual Property II, LP
112453	Great Britain	Original Filing	10/23/1998	98953894.7	5/6/2004	0950240	Patented	Selection Of Super Words Based On Criteria Relevant To Both Speech Recognition And Understanding	AT&T Intellectual Property II, LP
112457	USA	Original Filing	8/20/1998	09/137366	3/4/2003	6529585	Patented	Voice Label Processing Apparatus And Method	AT&T Intellectual Property II, LP
112475	USA	Original Filing	6/15/1998	09/097770	4/18/2006	7031925	Patented	Method And Apparatus For Creating Customer Specific Dynamic Grammars	AT&T Intellectual Property II, LP
112476	USA	Original Filing	10/17/1997	08/953468	10/31/2000	6141661	Patented	Method And Apparatus For Performing A Grammar-Pruning Operation	AT&T Intellectual Property II, LP
112481	USA	Original Filing	6/19/1998	09/100611	5/22/2001	6236967	Patented	Tone and Speech Recognition In Communications Systems	AT&T Intellectual Property II, LP
112481	USA	Continuation	4/9/2001	09/828171			Abandoned	Tone And Speech Recognition In Communications Systems	Abandoned
112483	USA	Original Filing	4/7/1998	09/056172	4/24/2001	6223156	Patented	Speech Recognition Of Caller Identifiers Using Location Information	AT&T Intellectual Property II, LP
112483	Canada	Original Filing	3/18/1999	2266112	10/8/2002	2266112	Patented	Speech Recognition Of Caller Identifiers Using Location Information	AT&T Intellectual Property II, LP
112486	USA	Original Filing	11/18/1997	08/972725	6/13/2000	6075844	Patented	Messaging System With Remote Messaging Recording Device Where The Message Is Routed Based On The Spoken Name Of The Recipient	AT&T Intellectual Property II, LP
112486	USA	Continuation	1/19/2000	09/487230			Abandoned	Messaging System With Remote Message Recording Device	Abandoned
112487	USA	Original Filing	11/18/1997	08/972727	12/12/2000	6161082	Patented	Network Based Language Translation System	AT&T Intellectual Property II, LP
112487	USA	Continuation -In-Part	6/19/1998	09/100607	11/19/2002	6483899	Patented	Voice Messaging System	AT&T Intellectual Property II, LP
112487	USA	Continuation	4/22/2002	10/127070	11/25/2003	6654448	Patented	Voice Messaging System	AT&T Intellectual Property II, LP
112487	USA	Continuation	9/15/2003	10/662635			Abandoned	Voice Messaging System For Converting Oral Messages Into Text Messages	Abandoned
112496	USA	Original Filing	12/21/1999	09/468662	9/11/2001	6289088	Patented	Pay Phone Call Completion Method And Apparatus	AT&T Intellectual Property II, LP
112496	USA	Continuation	6/20/2001	09/884047	7/2/2002	6415025	Lapsed	Pay Phone Call Completion Method And Apparatus	Lapsed

Page 119 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0225

EXECUTABLE COPY

112511	USA	Original Filing	11/17/1997	08/971838	8/31/1999	5946656	Patented	Speech And Speaker Recognition Using Factor Analysis To Model Covariance Structure Of Mixture Components	AT&T Intellectual Property II, LP
112535	USA	Original Filing	8/19/1997	08/914532	4/20/1999	5895466	Patented	Automated Natural Language Understanding Customer Service System	AT&T Intellectual Property II, LP
112535	Canada	Original Filing	8/11/1998	2244826	9/11/2001	2244826	Patented	Automated Natural Language Understanding Customer Service System	AT&T Intellectual Property II, LP
112539	USA	Original Filing	6/15/1998	09/097787	5/3/2011	7937260	Patented	Concise Dynamic Grammars Using N-Best Selection	AT&T Intellectual Property II, LP
112539	USA	Continuation	9/7/2006	11/530002	12/8/2009	7630899	Patented	Concise Dynamic Grammars Using N-Best Selection	AT&T Intellectual Property II, LP
112539	USA	Continuation	4/28/2011	13/096431	3/25/2014	8682665	Patented	Concise Dynamic Grammars Using N-Best Selection	AT&T Intellectual Property II, LP
112539	USA	Continuation	3/24/2014	14/222834	3/15/2016	9286887	Patented	Concise Dynamic Grammars Using N-Best Selection	AT&T Intellectual Property II, LP
112539	USA	Continuation	2/29/2016	15/055985			Filed	Concise Dynamic Grammars Using N-Best Selection	AT&T Intellectual Property II, LP
112635	USA	Original Filing	9/19/1997	08/934056	9/26/2000	6125345	Patented	Method And Apparatus For Discriminative Utterance Verification Using Multiple Confidence Measures	AT&T Intellectual Property II, LP
112635	USA	Continuation -In-Part	9/25/2000	09/668736			Abandoned	Method And Apparatus For Multi-Modal Classification And/Or Verification Using Multiple Confidence Measures	Abandoned
112670	USA	Original Filing	11/20/1997	08/975587	3/27/2001	6208965	Patented	Method and Apparatus for Performing a Name Acquisition Based on Speech Recognition	AT&T Intellectual Property II, LP
112688	USA	Original Filing	9/25/1997	08/937950	10/15/2002	6466912	Lapsed	Perceptual Coding of Audio Signals Employing Envelope Uncertainty	Lapsed
112690	USA	Original Filing	11/25/1997	08/978527	10/19/1999	5970446	Patented	Selective Noise/Channel/Coding Models And Recognizers For Automatic Speech Recognition	AT&T Intellectual Property II, LP
112690	USA	Original Filing	10/17/2001	09/978250	12/9/2014	RE45289	Patented	Selective Noise/Channel/Coding Models And Recognizers For Automatic Speech Recognition	AT&T Intellectual Property II, LP
112694	USA	Original Filing	6/30/1998	09/107784	8/10/2004	6775652	Patented	Speech Recognition Over Lossy Transmission Systems	AT&T Intellectual Property II, LP
112694	USA	Continuation	7/29/2004	10/902304	1/30/2007	7171359	Patented	Speech Recognition Over Lossy Networks With Rejection Threshold	AT&T Intellectual Property II, LP
112694	USA	Continuation	12/18/2006	11/611983	2/24/2009	7496503	Patented	Speech Recognition Over Lossy Networks With Rejection Threshold	AT&T Intellectual Property II, LP
112694	USA	Continuation	12/29/2008	12/344815	7/6/2010	7752036	Patented	Timing Of Speech Recognition Over Lossy Transmission Systems	AT&T Intellectual Property II, LP
112699	USA	Original Filing	11/7/1997	08/965702	8/29/2000	6112177	Patented	Coarticulation Method For Audiovisual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP

Page 120 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0226

EXECUTABLE COPY

112699	USA	Continuation	9/7/1999	09/390704	12/9/2003	6662161	Patented	Coarticulation Method For Audio-Visual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP
112699	USA	Continuation	10/1/2003	10/676630	10/3/2006	7117155	Patented	Coarticulation Method For Audio-Visual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP
112699	USA	Continuation	8/24/2006	11/466806	6/24/2008	7392190	Patented	Coarticulation Method For Audio-Visual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP
112699	USA	Continuation	5/19/2008	12/123154	12/8/2009	7630897	Patented	Coarticulation Method For Audio-Visual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP
112699	USA	Continuation	11/30/2009	12/627373	12/13/2011	8078466	Patented	Coarticulation Method For Audio-Visual Text-To-Speech Synthesis	AT&T Intellectual Property II, LP
112769	USA	Original Filing	6/11/1998	09/096025	6/25/2002	6411683	Patented	Automated Telephone Call Designation System	AT&T Intellectual Property II, LP
112776	USA	Original Filing	3/30/1998	09/050301	3/13/2001	6202047	Patented	Method And Apparatus For Speech Recognition Using Second Order Statistics And Linear Estimation Of Cepstral Coefficients	AT&T Intellectual Property II, LP
112787	USA	Original Filing	6/3/1998	09/089855	1/9/2001	6173250	Patented	Apparatus And Method For Speech-Text-Transmit Communication Over Data Networks	AT&T Intellectual Property II, LP
112787	USA	Continuation	11/15/2000	09/712300			Abandoned	Apparatus And Method For Speech-Text-Transmit Communication Over Data Networks	Abandoned
112788	USA	Original Filing	4/9/1998	09/058107	1/9/2001	6173279	Patented	Method Of Using A Natural Language Interface To Retrieve Information From One Or More Data Resources	AT&T Intellectual Property II, LP
112788	Canada	Original Filing	4/1/1999	2293780	8/20/2002	2293780	Patented	Method of Using A Natural Language Interface To Retrieve Information From One Or More Data Resources	AT&T Intellectual Property II, LP
112788	European Patent Convention	Original Filing	4/1/1999	99915227.5			Abandoned	Method of Using A Natural Language Interface To Retrieve Information From One Or More Data Resources	Abandoned
112788	Patent Cooperation Treaty	Original Filing	4/1/1999	PCT/US99/07278			National Filing Requested	Method of Using A Natural Language Interface To Retrieve Information From One Or More Data Resources	Inactive
112788	Malaysia	Original Filing	4/8/1999	PI9901364			Abandoned	Method of Using A Natural Language Interface To Retrieve Information From One Or More Data Resources	Abandoned
112796	USA	Original Filing	2/5/1998	09/019357	11/19/2002	6483896	Patented	Speech Recognition Using Telephone Call Parameters	AT&T Intellectual Property II, LP
112796	USA	Continuation	9/12/2002	10/241461			Abandoned	Speech Recognition Using Speech Communication Parameters	Abandoned
112802	USA	Original Filing	6/15/1998	09/097769	6/4/2002	6400805	Patented	Statistical Database Correction Of Alphanumeric Identifiers For Speech Recognition And Touch-Tone Recognition	AT&T Intellectual Property II, LP

EXECUTABLE COPY

112875	USA	Original Filing	11/25/1997	60/066280			Converted	Application Of Generalized Discriminant Analysis To Speaker Identification	Inactive
112875	USA	Original Filing	11/24/1998	09/198579	5/15/2001	6233555	Patented	Method And Apparatus For Speaker Identification Using Mixture Discriminant Analysis To Develop Speaker Models	AT&T Intellectual Property II, LP
112875	USA	Continuation	3/16/2001	09/809226	12/11/2001	6330536	Patented	Method And Apparatus For Speaker Identification Using Mixture Discriminant Analysis To Develop Speaker Models	AT&T Intellectual Property II, LP
112909	USA	Original Filing	10/28/1998	60/105989			Converted	Recorded Word Concatenation	Inactive
112909	USA	Original Filing	11/23/1998	09/198105	7/29/2003	6601030	Patented	Method And System For Recorded Word Concatenation	AT&T Intellectual Property II, LP
112913	USA	Original Filing	9/1/1998	09/145073	12/4/2001	6327346	Patented	Method And Apparatus For Setting User Communication Parameters Based On Voice Identification Of Users	AT&T Intellectual Property II, LP
112913	USA	Continuation -In-Part	11/30/2001	09/996818	1/4/2005	6839410	Patented	Method And Apparatus For Setting User Communication Parameters Based On Voice Identification Of Users	AT&T Intellectual Property II, LP
112990	USA	Original Filing	4/15/1998	60/081772			Converted	Method For Automatic Construction Of Hierarchical Transduction Models For Language Translation	Inactive
112990	USA	Original Filing	11/23/1998	09/198109	2/27/2001	6195631	Patented	Method And Apparatus For Automatic Construction Of Hierarchical Transduction Models For Language Translation	AT&T Intellectual Property II, LP
113018	USA	Original Filing	8/31/1998	09/144020	1/9/2001	6173263	Patented	Method And System For Performing Concatenative Speech Synthesis Using Half-Phonemes	AT&T Intellectual Property II, LP
113022	USA	Original Filing	10/30/1998	09/183474	5/1/2001	6226613	Patented	Decoding Input Symbols To Input/Output Hidden Markoff Models	AT&T Intellectual Property II, LP
113022	USA	Continuation -In-Part	4/30/2001	09/845134	3/16/2004	6708149	Lapsed	Vector Fixed-Lag Algorithm For Decoding Input Symbols	Lapsed
113038	USA	Original Filing	1/30/1998	60/073185			Converted	Advanced TTS for Facial Animation	Inactive
113038	USA	Original Filing	1/27/1999	09/238224	7/11/2006	7076426	Lapsed	Advanced TTS For Facial Animation	Lapsed
113078	USA	Original Filing	2/23/1998	60/075526			Converted	Unsupervised Learning Of Markov Processes On Curves	Inactive
113078	USA	Original Filing	12/11/1998	09/209544	11/14/2000	6148284	Patented	Method And Apparatus For Automatic Speech Recognition Using Markov Processes On Curves	AT&T Intellectual Property II, LP
113078	USA	Continuation	9/18/2000	09/664050	10/9/2001	6301561	Patented	Automatic Speech Recognition Using Multi-Dimensional Curvilinear Representations	AT&T Intellectual Property II, LP

Page 122 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0228

EXECUTABLE COPY

113078	USA	Continuation	5/24/2001	09/863393	6/4/2002	6401064	Patented	Automatic Speech Recognition Using Segmented Curves Of Individual Speech Components Having Arc Lengths Generated Along Space-Time Trajectories	AT&T Intellectual Property II, LP
113085	USA	Original Filing	5/8/1998	09/074886			Abandoned	Fully Expanded Context-Dependent Networks For Speech Recognition	Abandoned
113085	USA	Continuation	10/26/1998	09/178728			Abandoned	Fully Expanded Context-Dependent Networks For Speech Recognition	Abandoned
113085	USA	Continuation	7/15/1999	09/358561			Abandoned	Fully Expanded Context-Dependent Networks For Speech Recognition	Abandoned
113085	USA	Continuation	2/11/2000	09/502501	6/3/2003	6574597	Patented	Fully Expanded Context-Dependent Networks For Speech Recognition	AT&T Intellectual Property II, LP
113174	USA	Original Filing	12/8/1998	09/207369	5/8/2001	6229881	Patented	Method And Apparatus To Provide Enhanced Speech Recognition In A Communication Network	AT&T Intellectual Property II, LP
113177	USA	Original Filing	4/20/1998	60/082393			Converted	FAP Definition Syntax For TTS Input	Inactive
113177	USA	Original Filing	12/31/1998	09/224583	1/4/2005	6839672	Patented	Integration Of Talking Heads And Text-To-Speech Synthesizers For Visual TTS	AT&T Intellectual Property II, LP
113249	USA	Original Filing	12/15/1998	09/212324	6/19/2001	6249808	Patented	Wireless Delivery Of Message Using Combination Of Text And Voice	AT&T Intellectual Property II, LP
113256	USA	Original Filing	12/7/1998	09/207326	11/13/2001	6317707	Patented	Automatic Clustering Of Tokens From A Corpus For Grammar Acquisition	AT&T Intellectual Property II, LP
113256	USA	Continuation	7/26/2001	09/912461	6/15/2004	6751584	Patented	Automatic Clustering Of Tokens From A Corpus For Grammar Acquisition	AT&T Intellectual Property II, LP
113256	USA	Continuation -In-Part	10/1/2002	10/260294			Abandoned	Method For Partitioning A Data Set Into Frequency Vectors For Clustering	Abandoned
113256	USA	Continuation	9/15/2003	10/662730	4/8/2008	7356462	Patented	Automatic Clustering Of Tokens From A Corpus For Grammar Acquisition	AT&T Intellectual Property II, LP
113256	USA	Continuation	2/14/2008	12/030935	6/21/2011	7966174	Patented	Automatic Clustering Of Tokens From A Corpus For Grammar Acquisition	AT&T Intellectual Property II, LP
113344	USA	Original Filing	8/13/1998	60/096372			Converted	Speaker Detection In Broadcast Speech Databases	AT&T Intellectual Property II, LP
113344	USA	Original Filing	7/14/1999	09/353192	11/13/2001	6317710	Patented	Multimedia Search Apparatus And Method For Searching Multimedia Content Using Speaker Detection By Audio Data	AT&T Intellectual Property II, LP
113344	USA	Continuation -In-Part	11/21/2000	09/716278	3/30/2004	6714909	Lapsed	System And Method For Automated Multimedia Content Indexing And Retrieval	AT&T Intellectual Property II, LP

Page 123 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0229

EXECUTABLE COPY

113344	USA	Continuation	10/15/2001	09/976023	6/11/2002	6405166	Patented	Multimedia Search Apparatus And Method For Searching Multimedia Content Using Speaker Detection By Audio Data	AT&T Intellectual Property II, LP
113344	USA	Continuation	10/15/2003	10/686459	2/27/2007	7184959	Patented	System And Method For Automated Multimedia Content Indexing And Retrieval	AT&T Intellectual Property II, LP
113344	USA	Continuation	1/17/2007	11/623955	3/6/2012	8131552	Patented	System And Method For Automated Multimedia Content Indexing And Retrieval	AT&T Intellectual Property II, LP
113358	USA	Original Filing	12/31/1998	09/223945	6/12/2001	6246986	Patented	User Barge-In Enablement In Large Vocabulary Speech Recognition Systems	AT&T Intellectual Property II, LP
113358	USA	Continuation	4/3/2001	09/825020	11/18/2003	6651043	Patented	User Barge-In Enablement In Large Vocabulary Speech Recognition Systems	AT&T Intellectual Property II, LP
113437	USA	Original Filing	12/7/1998	60/111273			Converted	Classification Of Audio Events	AT&T Intellectual Property II, LP
113437	USA	Original Filing	12/6/1999	09/455492	10/5/2004	6801895	Patented	Method And Apparatus For Segmenting A Multi-Media Program Based Upon Audio Events	AT&T Intellectual Property II, LP
113437	USA	Continuation	6/7/2004	10/862728	1/15/2008	7319964	Lapsed	Method And Apparatus For Segmenting A Multi-Media Program Based Upon Audio Events	AT&T Intellectual Property II, LP
113437	USA	Continuation	1/15/2008	12/008912	10/15/2013	8560319	Patented	Method And Apparatus For Segmenting A Multimedia Program Based Upon Audio Events	AT&T Intellectual Property II, LP
113552	USA	Original Filing	2/1/2000	09/495174	7/1/2003	6587844	Patented	Systems And Methods For Optimizing Networks Of Weighted And Unweighted Directed Graphs	AT&T Intellectual Property II, LP
113566	USA	Original Filing	3/30/1999	09/281022	7/24/2001	6266638	Patented	Voice Quality Compensation System For Speech Synthesis Based On Unit-Selection Speech Database	AT&T Intellectual Property II, LP
113584	USA	Original Filing	12/9/1998	60/111631			Converted	Automatic Acquisition Of Phrase Grammars For Stochastic Language Modeling	Inactive
113584	USA	Original Filing	11/19/1999	09/443891	7/2/2002	6415248	Patented	Method For Building Linguistic Models From A Corpus	AT&T Intellectual Property II, LP
113604	USA	Original Filing	8/18/1999	09/376456	3/18/2003	6535843	Patented	Automatic Detection Of Non-Stationarity In Speech Signals	AT&T Intellectual Property II, LP
113607	USA	Original Filing	5/19/1999	09/314637	2/20/2007	7181399	Patented	Recognizing The Numeric Language In Natural Spoken Dialogue	AT&T Intellectual Property II, LP
113607	USA	Continuation	3/2/2006	11/276502	11/24/2009	7624015	Patented	Recognizing The Numeric Language In Natural Spoken Dialogue	AT&T Intellectual Property II, LP
113607	USA	Continuation	11/5/2009	12/612871	11/1/2011	8050925	Patented	Recognizing The Numeric Language In Natural Spoken Dialogue	AT&T Intellectual Property II, LP
113607	USA	Continuation	10/25/2011	13/280884	2/18/2014	8655658	Patented	Recognizing The Numeric Language In Natural Spoken Dialogue	AT&T Intellectual Property II, LP
113607	USA	Continuation	2/17/2014	14/182017	2/3/2015	8949127	Patented	Recognizing The Numeric Language In Natural Spoken Dialogue	AT&T Intellectual Property II, LP

Page 124 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0230

EXECUTABLE COPY

113652	USA	Original Filing	2/9/1999	60/119279			Converted	New Speech Enhancement Techniques For Low Bit Rate Speech Coding	Inactive
113652	USA	Original Filing	2/8/2000	09/499985	8/5/2003	6604071	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Brazil	Original Filing	2/9/2000	0008033-0			Abandoned	Speech Enhancement With Gain Limitations Based On Speech Activity	Abandoned
113652	Canada	Original Filing	2/9/2000	2362584	1/8/2008	2362584	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	European Patent Convention	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	National Patents Granted	Speech Enhancement With Gain Limitations Based On Speech Activity	Inactive
113652	Japan	Original Filing	2/9/2000	2000-599013	8/22/2008	4173641	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Republic of Korea	Original Filing	2/9/2000	10-2001-7010082	8/21/2007	752529	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Patent Cooperation Treaty	Original Filing	2/9/2000	PCT/US00/03372			National Filing Requested	Speech Enhancement With Gain Limitations Based On Speech Activity	Inactive
113652	Denmark	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Finland	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	France	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Great Britain	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Germany	Original Filing	2/9/2000	1157377	3/21/2007	60034026.0	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Italy	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Spain	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Sweden	Original Filing	2/9/2000	00913413.1	3/21/2007	1157377	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	USA	Continuation	10/2/2001	09/969405	4/1/2003	6542864	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP

Page 125 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0231

EXECUTABLE COPY

113652	Canada	Division	8/31/2004	2476248	10/6/2009	2476248	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	European Patent Convention	Division	8/2/2006	06118327.3	4/27/2016	1724758	National Patents Granted	Speech Enhancement With Gain Limitations Based On Speech Activity	Inactive
113652	France	Division	8/2/2006	06118327.3	4/27/2016	1724758	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Germany	Division	8/2/2006	06118327.3	4/27/2016	1724758	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Great Britain	Division	8/2/2006	06118327.3	4/27/2016	1724758	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Japan	Division	9/14/2006	2006-249135	5/14/2010	4512574	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Republic of Korea	Division	9/25/2006	10-2006-7019836	5/6/2008	828962	Patented	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
113652	Hong Kong	Original Filing	4/24/2007	07104366.1			Filed	Speech Enhancement With Gain Limitations Based On Speech Activity	AT&T Intellectual Property II, LP
111113A	USA	Original Filing	3/28/1996	08/767358	1/12/1999	5859908	Lapsed	Method And Apparatus For Applying Multiple Speech Processing Features To A Telephone Call	Lapsed
111113A	Canada	Original Filing	3/6/1997	2199308	5/30/2000	2199308	Lapsed	Method And Apparatus For Applying Multiple Speech Processing Features To A Telephone Call	Lapsed
111113A	European Patent Convention	Original Filing	3/7/1997	97103878.1			Abandoned	Method And Apparatus For Applying Multiple Speech Processing Features To A Telephone Call	Abandoned
111113A	Mexico	Original Filing	3/25/1997	972227			Abandoned	Method And Apparatus For Applying Multiple Speech Processing Features To A Telephone Call	Abandoned
111113A	Japan	Original Filing	3/28/1997	77075/1997			Abandoned	Method And Apparatus For Applying Multiple Speech Processing Features To A Telephone Call	Abandoned
113604A	USA	Original Filing	8/18/1999	09/376455	11/27/2001	6324501	Patented	Signal Dependent Speech Modifications	AT&T Intellectual Property II, LP
1999-0049	USA	Original Filing	10/14/1999	09/417882	9/3/2002	6445779	Patented	Method And Apparatus For Providing Outbound Voice-to-Fax Service	AT&T Intellectual Property II, LP
1999-0135	USA	Original Filing	4/30/1999	60/131948			Converted	Methods and Apparatus for Rapid Acoustic Unit Selection From A Large Speech Corpus	Inactive
1999-0135	USA	Original Filing	4/25/2000	09/557146	2/24/2004	6697780	Patented	Method And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	2/6/2003	10/359171	3/2/2004	6701295	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP

EXECUTABLE COPY

1999-0135	USA	Continuation	12/19/2003	10/742274	7/25/2006	7082396	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	5/4/2006	11/381544	5/6/2008	7369994	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	3/27/2008	12/057020	7/20/2010	7761299	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	7/20/2010	12/839937	12/27/2011	8086456	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	11/29/2011	13/306157	11/20/2012	8315872	Patented	Methods And Apparatus For Rapid Acoustic Unit Selection From A Large Speech Corpus	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	11/19/2012	13/680622	7/22/2014	8788268	Patented	Speech Synthesis From Acoustic Units With Default Values Of Concatenation Cost	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	7/18/2014	14/335302	1/12/2016	9236044	Patented	Recording Concatenation Costs Of Most Common Acoustic Unit Sequential Pairs To A Concatenation Cost Database For Speech Synthesis	AT&T Intellectual Property II, LP
1999-0135	USA	Continuation	12/8/2015	14/962198			Filed	Recording Concatenation Costs Of Most Common Acoustic Unit Sequential Pairs To A Concatenation Cost Database For Speech Synthesis	AT&T Intellectual Property II, LP
1999-0200	USA	Original Filing	11/8/1999	09/436094	9/10/2002	6449343	Patented	System And Method For Creation And Conversion Of Electronic Mail Messages For Delivery To Telephone Recipients	AT&T Intellectual Property II, LP
1999-0260	USA	Original Filing	6/30/2000	09/608210			Abandoned	Personalized Text-To-Speech Services	Abandoned
1999-0260	USA	Continuation -In-Part	2/26/2001	09/793168	10/2/2007	7277855	Patented	Personalized Text-To-Speech Services	AT&T Intellectual Property II, LP
1999-0260	USA	Continuation -In-Part	6/20/2007	11/765773	12/23/2014	8918322	Patented	Personalized Text-To-Speech Services	AT&T Intellectual Property II, LP
1999-0260	USA	Continuation	12/10/2014	14/565505	12/15/2015	9214154	Patented	Personalized Text-To-Speech Services	AT&T Intellectual Property II, LP
1999-0368	USA	Original Filing	12/8/1999	09/457189			Abandoned	System And Method For Gisting, Browsing And Searching Voicemail Using Automatic Speech Recognition	Abandoned
1999-0368	Canada	Original Filing	10/18/2000	2323538			Incur No Further Costs	System And Method For Gisting, Browsing And Searching Voicemail Using Automatic Speech Recognition	Inactive
1999-0368	European Patent Convention	Original Filing	10/18/2000	00309172.5			Incur No Further Costs	System And Method For Gisting, Browsing And Searching Voicemail Using Automatic Speech Recognition	Inactive

EXECUTABLE COPY

1999-0368	USA	Continuation -In-Part	3/13/2001	09/805066			Abandoned	System And Method For Processing Voicemail Messages Using Automatic Speech Recognition	Abandoned
1999-0368	USA	Continuation	2/10/2003	10/361893			Abandoned	System And Method For Gisting, Browsing And Searching Voicemail Using Automatic Speech Recognition	Abandoned
1999-0368	Canada	Division	2/25/2003	2416601	6/9/2009	2416601	Lapsed	Voicemail User Interface System And Method Of Providing Such System	Lapsed
1999-0368	USA	Continuation -In-Part	6/6/2003	10/456747	11/18/2008	7453991	Patented	Method And Apparatus For Voice Mail Notes	AT&T Intellectual Property II, LP
1999-0368	USA	Continuation	7/10/2008	12/171060	2/16/2010	7664235	Patented	Method And Apparatus For Voice Mail Notes	AT&T Intellectual Property II, LP
1999-0368	USA	Continuation	12/28/2009	12/647830	8/9/2011	7995711	Patented	Method And Apparatus For Voice Mail Notes	AT&T Intellectual Property II, LP
1999-0394	USA	Original Filing	6/30/2000	09/607615	1/27/2004	6684187	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	European Patent Convention	Original Filing	6/21/2001	01305403.6	11/21/2012	1168299	National Patents Granted	Method And System For Preselection Of Suitable Units For Concatenative Speech	Inactive
1999-0394	France	Original Filing	6/21/2001	01305403.6	11/21/2012	1168299	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	Germany	Original Filing	6/21/2001	01305403.6	11/21/2012	60147393.0	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	Great Britain	Original Filing	6/21/2001	01305403.6	11/21/2012	1168299	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	Italy	Original Filing	6/21/2001	5020139021 25283	11/21/2012	1168299	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	Canada	Original Filing	6/26/2001	2351988	7/24/2007	2351988	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	Mexico	Original Filing	6/26/2001	PA/a/2001/0 06594	6/13/2006	237700	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	USA	Continuation	11/5/2003	10/702154	10/17/2006	7124083	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	USA	Continuation	8/22/2006	11/466229	12/2/2008	7460997	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	USA	Continuation	12/1/2008	12/325809	7/17/2012	8224645	Patented	Method And System For Preselection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394	USA	Continuation	7/16/2012	13/550074	10/22/2013	8566099	Patented	Tabulating Triphone Sequences by 5-Phoneme Contexts For Speech Synthesis	AT&T Intellectual Property II, LP

EXECUTABLE COPY

1999-0394A	USA	Original Filing	7/5/2000	09/609889	1/7/2003	6505158	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	European Patent Convention	Original Filing	6/21/2001	01305404.4	11/28/2012	1170724	National Patents Granted	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	Inactive
1999-0394A	France	Original Filing	6/21/2001	01305404.4	11/28/2012	1170724	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	Germany	Original Filing	6/21/2001	01305404.4	11/28/2012	60147426.0	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	Great Britain	Original Filing	6/21/2001	01305404.4	11/28/2012	1170724	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	Italy	Original Filing	6/21/2001	5020139021 28682	11/28/2012	1170724	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	Canada	Original Filing	6/28/2001	2351842	7/24/2007	2351842	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	Mexico	Original Filing	7/2/2001	PA/a/2001/0 06797	3/13/2006	234803	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	USA	Continuation	9/5/2002	10/235401	3/14/2006	7013278	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	USA	Continuation	12/30/2005	11/275432	6/19/2007	7233901	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0394A	USA	Continuation	5/15/2007	11/748849	7/21/2009	7565291	Patented	Synthesis-Based Pre-Selection Of Suitable Units For Concatenative Speech	AT&T Intellectual Property II, LP
1999-0679	USA	Original Filing	11/5/1999	60/163838			Converted	Learning Spoken Language Without Transcriptions	Inactive
1999-0679	USA	Original Filing	10/18/2000	09/690721	8/1/2006	7085720	Patented	Method For Task Classification Using Morphemes	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation -In-Part	9/21/2001	09/956907	3/5/2013	8392188	Patented	Method And System For Building A Phonotactic Model For Domain Independent Speech Recognition	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation -In-Part	5/31/2002	10/158082	10/23/2007	7286984	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation -In-Part	8/15/2002	10/223007			Abandoned	Method And System For Generating Morphemes Using A Multipass Algorithm	Abandoned
1999-0679	USA	Continuation -In-Part	4/1/2003	10/402941			Abandoned	Method And System For Detecting And Extracting Named Entities From Spontaneous Communications	Abandoned
1999-0679	USA	Continuation -In-Part	4/1/2003	10/402976			Abandoned	Method And System For Creating A Named Entity Language Model	Abandoned

Page 129 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0235

EXECUTABLE COPY

1999-0679	Patent Cooperation Treaty	Original Filing	4/7/2003	PCT/US03/10482			National Filing Requested	Method And System For Detecting And Extracting Named Entities From Spontaneous Communications	Inactive
1999-0679	Canada	Original Filing	4/7/2003	2481080	10/12/2010	2481080	Patented	Method And System For Detecting And Extracting Named Entities From Spontaneous Communications	AT&T Intellectual Property II, LP
1999-0679	European Patent Convention	Original Filing	4/7/2003	03721540.7			Incur No Further Costs	Method And System For Detecting And Extracting Named Entities From Spontaneous Communications	Inactive
1999-0679	India	Original Filing	4/7/2003	2199/CHENP/2004			Incur No Further Costs	Method And System For Detecting And Extracting Named Entities From Spontaneous Communications	Inactive
1999-0679	USA	Division	5/27/2006	11/420738	10/21/2008	7440897	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	9/13/2007	11/854706			Abandoned	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	Abandoned
1999-0679	USA	Division	9/13/2007	11/854717			Abandoned	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	Abandoned
1999-0679	USA	Division	9/13/2007	11/854720	11/17/2009	7620548	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	7/30/2008	12/182618	8/30/2011	8010361	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	8/27/2011	13/219659	6/12/2012	8200491	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	3/4/2013	13/784086	12/17/2013	8612212	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	11/15/2013	14/081234	12/9/2014	8909529	Patented	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679	USA	Continuation	11/13/2014	14/540179			Allowed	Method And System For Automatically Detecting Morphemes In A Task Classification System Using Lattices	AT&T Intellectual Property II, LP
1999-0679A	USA	Original Filing	10/18/2000	09/690903	1/20/2004	6681206	Patented	Method For Generating Morphemes	AT&T Intellectual Property II, LP
1999-0679A	USA	Continuation	11/14/2003	10/713840	11/21/2006	7139698	Patented	System And Method For Generating Morphemes	AT&T Intellectual Property II, LP

Page 130 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0236

EXECUTABLE COPY

1999-0767	USA	Original Filing	12/10/1999	60/170170			Converted	Bitstream-Based Front End For Wireless Speech Recognition	Inactive
1999-0767	USA	Original Filing	12/5/2000	09/730435	9/14/2004	6792405	Patented	Bitstream-Based Feature Extraction Method For A Front-End Speech Recognizer	AT&T Intellectual Property II, LP
1999-0767	USA	Continuation	9/22/2004	10/946840			Abandoned	Bitstream-Based Feature Extraction Method For A Front-End Speech Recognizer	Abandoned
1999-0767A	USA	Original Filing	12/5/2000	09/730011	9/19/2006	7110947	Lapsed	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	Lapsed
1999-0767A	USA	Continuation	8/1/2006	11/497009	12/8/2009	7630894	Patented	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	AT&T Intellectual Property II, LP
1999-0767A	USA	Continuation	8/19/2009	12/543821	1/3/2012	8090581	Patented	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	AT&T Intellectual Property II, LP
1999-0767A	USA	Continuation	11/29/2011	13/306201	1/22/2013	8359199	Patented	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	AT&T Intellectual Property II, LP
1999-0767A	USA	Continuation	11/30/2012	13/690118	5/20/2014	8731921	Patented	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	AT&T Intellectual Property II, LP
1999-0767A	USA	Continuation	5/19/2014	14/281026			Office Action	Frame Erasure Concealment Technique For A Bitstream-Based Feature Extractor	AT&T Intellectual Property II, LP
1999-0789	USA	Original Filing	12/27/2002	10/331013	6/12/2007	7230955	Lapsed	System And Method For Improved Use Of Voice Activity Detection	AT&T Intellectual Property II, LP
1999-0789	USA	Continuation	4/30/2007	11/742096	2/16/2010	7664137	Patented	System And Method For Improved Use Of Voice Activity Detection	AT&T Intellectual Property II, LP
1999-0789	USA	Continuation	12/28/2009	12/647926	3/5/2013	8391313	Patented	System And Method For Improved Use Of Voice Activity Detection	AT&T Intellectual Property II, LP
1999-0789	USA	Continuation	3/1/2013	13/782491	4/22/2014	8705455	Patented	System And Method For Improved Use Of Voice Activity Detection	AT&T Intellectual Property II, LP
1999-0789A	USA	Original Filing	12/27/2002	10/330957	9/18/2007	7272552	Lapsed	System And Method For Improved Use Of Voice Activity Detection	AT&T Intellectual Property II, LP
1999-0789A	USA	Continuation	7/5/2007	11/773699	2/16/2010	7664646	Patented	Voice Activity Detection And Silence Suppression In A Packet Network	AT&T Intellectual Property II, LP
1999-0789A	USA	Continuation	12/28/2009	12/647863	2/7/2012	8112273	Patented	Voice Activity Detection And Silence Suppression In A Packet Network	AT&T Intellectual Property II, LP
2000-0034	USA	Original Filing	1/18/2000	60/176511			Converted	Exploiting A Probabilistic Hierarchical Model For Generation	Inactive
2000-0034	USA	Original Filing	1/11/2001	09/758483	9/20/2005	6947885	Patented	Probabilistic Model For Natural Language Generation	AT&T Intellectual Property II, LP
2000-0034	USA	Continuation	8/3/2005	11/195973	6/12/2007	7231341	Patented	Probabilistic Model For Natural Language Generation	AT&T Intellectual Property II, LP
2000-0034	USA	Continuation	3/22/2007	11/689749	7/14/2009	7562005	Patented	System And Method For Natural Language Generation	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2000-0056	USA	Original Filing	1/22/2002	10/053777	4/11/2006	7027986	Lapsed	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	Lapsed
2000-0056	European Patent Convention	Original Filing	1/10/2003	03100036.7	12/10/2008	1331797	National Patents Granted	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	Inactive
2000-0056	Finland	Original Filing	1/10/2003	03100036.7	12/10/2008	1331797	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	France	Original Filing	1/10/2003	03100036.7	12/10/2008	1331797	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	Great Britain	Original Filing	1/10/2003	03100036.7	12/10/2008	1331797	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	Germany	Original Filing	1/10/2003	1331797	12/10/2008	60325127.7	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	Netherlands	Original Filing	1/10/2003	03100036.7	12/10/2008	1331797	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	Canada	Original Filing	1/15/2003	2416592	5/31/2011	2416592	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	India	Original Filing	1/16/2003	46/CHE/2003	1/30/2013	255150	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	USA	Continuation	2/1/2006	11/275876	10/7/2008	7433818	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	USA	Continuation -In-Part	8/28/2008	12/200292	9/11/2012	8265931	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	USA	Continuation	9/11/2012	13/609918	7/16/2013	8489397	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	USA	Continuation	7/16/2013	13/943269	6/7/2016	9361888	Patented	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0056	USA	Continuation	6/6/2016	15/173827			Filed	Method And Device For Providing Speech-To-Text Encoding And Telephony Service	AT&T Intellectual Property II, LP
2000-0102	USA	Original Filing	2/18/2000	60/183397			Converted	Document Expansion For Speech Retrieval	Inactive
2000-0102	USA	Original Filing	12/19/2000	09/740284	9/26/2006	7113910	Patented	Document Expansion In Speech Retrieval	AT&T Intellectual Property II, LP
2000-0102	USA	Continuation	8/24/2006	11/466815	7/1/2008	7395207	Patented	Document Expansion In Speech Retrieval	AT&T Intellectual Property II, LP
2000-0102	USA	Continuation	1/14/2008	12/013692	7/20/2010	7761298	Patented	Document Expansion In Speech Retrieval	AT&T Intellectual Property II, LP
2000-0110	USA	Original Filing	11/15/2000	09/712192	1/2/2007	7158935	Patented	Method And System For Predicting Problematic Situations In Automated Dialog	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2000-0110	USA	Continuation	11/21/2006	11/562080	6/7/2011	7957970	Patented	Method And System For Predicting Problematic Situations In Automated Dialog	AT&T Intellectual Property II, LP
2000-0163	USA	Original Filing	1/10/2001	09/757454	3/15/2005	6868142	Patented	Voice-Operated Interface For DTMF-Controlled Systems	AT&T Intellectual Property II, LP
2000-0163	USA	Continuation	2/4/2005	11/051523	9/10/2013	8532267	Patented	Voice-Operated Interface For DTMF-Controlled Systems	AT&T Intellectual Property II, LP
2000-0163	USA	Continuation	9/9/2013	14/021452	12/23/2014	8917827	Patented	Voice-Operated Interface For DTMF-Controlled Systems	AT&T Intellectual Property II, LP
2000-0163	USA	Continuation	11/4/2014	14/532213	12/15/2015	9215305	Patented	Voice-Operated Interface For DTMF-Controlled Systems	AT&T Intellectual Property II, LP
2000-0163	USA	Continuation	12/4/2015	14/959523			Allowed	Voice-Operated Interface For DTMF-Controlled Systems	AT&T Intellectual Property II, LP
2000-0340	USA	Original Filing	12/8/2000	09/732600			Incur No Further Costs	Method And Apparatus For Creation And User-Customization Of Speech-Enabled Services	Inactive
2000-0340	European Patent Convention	Original Filing	11/30/2001	01310087.0			Incur No Further Costs	Method And Apparatus For Creation And User-Customization Of Speech-Enabled Services	Inactive
2000-0340	USA	Continuation-In-Part	3/22/2002	10/103049	5/1/2007	7212964	Patented	Language-Understanding Systems Employing Machine Translation Components	AT&T Intellectual Property II, LP
2000-0340	USA	Division	8/30/2005	11/215756	3/22/2011	7912726	Patented	Method And Apparatus For Creation And User-Customization Of Speech-Enabled Services	AT&T Intellectual Property II, LP
2000-0340	USA	Continuation	1/22/2007	11/656155	12/16/2008	7467081	Patented	Language-Understanding Systems Employing Machine Translation Components	AT&T Intellectual Property II, LP
2000-0340	USA	Continuation	12/16/2008	12/336429	12/6/2011	8073683	Patented	Language-Understanding Training Database Action Pair Augmentation Using Bidirectional Translation	AT&T Intellectual Property II, LP
2000-0499	USA	Original Filing	10/13/2000	60/240324			Converted	Hidden Markov Model Environmental Compensation For Automatic Speech Recognition On Hand-Held Mobile Devices	Inactive
2000-0499	USA	Original Filing	10/10/2001	09/972929	11/25/2008	7457750	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0499	Canada	Original Filing	10/12/2001	2422768			Incur No Further Costs	Systems And Methods For Dynamic Re-Configurable Speech Recognition	Inactive
2000-0499	European Patent Convention	Original Filing	10/12/2001	01981566.1	1/18/2012	1342233	National Patents Granted	Systems And Methods For Dynamic Re-Configurable Speech Recognition	Inactive
2000-0499	Japan	Original Filing	10/12/2001	2002-535116			Incur No Further Costs	Systems And Methods For Dynamic Re-Configurable Speech Recognition	Inactive
2000-0499	Patent Cooperation Treaty	Original Filing	10/12/2001	PCT/US01/32072			National Filing Requested	Systems And Methods For Dynamic Re-Configurable Speech Recognition	Inactive

EXECUTABLE COPY

2000-0499	France	Original Filing	10/12/2001	01981566.1	1/18/2012	1342233	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0499	Germany	Original Filing	10/12/2001	01981566.1	1/18/2012	60146003.0	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0499	Great Britain	Original Filing	10/12/2001	01981566.1	1/18/2012	1342233	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0499	USA	Continuation	5/15/2008	12/120801	5/6/2014	8719017	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0499	USA	Continuation	5/1/2014	14/267133			Office Action	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2000-0675	USA	Original Filing	12/28/2000	09/750376	8/3/2004	6771769	Patented	Method And Apparatus For Active Reduction Of Speakerphone Singing	AT&T Intellectual Property II, LP
2000-0675	Patent Cooperation Treaty	Original Filing	12/21/2001	PCT/US01/50 571			Abandoned	Method And Apparatus For Active Reduction Of Speakerphone Singing	Abandoned
2000-0675	USA	Continuation	3/16/2004	10/802504	5/30/2006	7054438	Patented	Method And Apparatus For Active Reduction Of Speakerphone Singing	AT&T Intellectual Property II, LP
2000-0675	USA	Continuation	3/3/2006	11/367935	8/28/2007	7263184	Patented	Method And Apparatus For Active Reduction Of Speakerphone Singing	AT&T Intellectual Property II, LP
2000-0675	USA	Continuation	7/30/2007	11/881906	10/25/2011	8045701	Patented	Method And Apparatus For Active Reduction Of Speakerphone Singing	AT&T Intellectual Property II, LP
2001-0101	USA	Original Filing	6/12/2001	09/879313	5/29/2007	7225126	Patented	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0101	USA	Continuation	4/9/2007	11/697964	4/29/2008	7366665	Patented	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0101	USA	Continuation	4/29/2008	12/111533	6/21/2011	7966181	Patented	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0101	USA	Continuation	6/20/2011	13/164287	12/3/2013	8600745	Patented	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0101	USA	Continuation	11/26/2013	14/089839	6/14/2016	9369581	Patented	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0101	USA	Continuation	4/25/2016	15/137781			Filed	System And Method For Processing Speech Files	AT&T Intellectual Property II, LP
2001-0105	USA	Original Filing	3/20/2001	60/277231			Converted	On The Implementation Of ASR Algorithms For Hand-held Wireless Mobile Devices	Inactive
2001-0105	USA	Original Filing	3/6/2002	10/091689	4/24/2007	7209880	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2001-0105	USA	Continuation	3/13/2007	11/685456	11/11/2008	7451081	Patented	Systems And Methods For Dynamic Re-Configurable Speech Recognition	AT&T Intellectual Property II, LP
2001-0105	USA	Continuation	9/9/2008	12/207175	3/27/2012	8145481	Patented	System And Method Of Performing User-Specific Automatic Speech Recognition	AT&T Intellectual Property II, LP

Page 134 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

**PATENT
REEL: 050036 FRAME: 0240**

EXECUTABLE COPY

2001-0105	USA	Continuation	3/26/2012	13/429946	6/16/2015	9058810	Patented	System And Method Of Performing User-Specific Automatic Speech Recognition	AT&T Intellectual Property II, LP
2001-0206	USA	Original Filing	4/13/2001	60/283586			Converted	Fast Harmonic Synthesis For A Concatenative Speech Synthesis System	Inactive
2001-0206	USA	Original Filing	3/2/2002	10/090065	9/27/2005	6950798	Patented	Employing Speech Models In Concatenative Speech Synthesis	AT&T Intellectual Property II, LP
2001-0251	USA	Original Filing	1/7/2002	60/344792			Converted	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	Inactive
2001-0251	USA	Original Filing	7/18/2002	10/199220	2/20/2007	7181386	Patented	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	AT&T Intellectual Property II, LP
2001-0251	Canada	Original Filing	12/30/2002	2415507	5/29/2007	2415507	Patented	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	AT&T Intellectual Property II, LP
2001-0251	European Patent Convention	Original Filing	12/30/2002	02029099.5			Incur No Further Costs	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	Inactive
2001-0251	India	Original Filing	1/3/2003	5/MAS/2003			Incur No Further Costs	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	Inactive
2001-0251	Republic of Korea	Original Filing	1/4/2003	10-2003-0000430			Incur No Further Costs	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	Inactive
2001-0251	Japan	Original Filing	1/7/2003	2003-1216			Incur No Further Costs	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	Inactive
2001-0251	USA	Continuation	12/5/2006	11/566945	7/8/2008	7398197	Patented	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	AT&T Intellectual Property II, LP
2001-0251	USA	Continuation	6/6/2008	12/134503	11/1/2011	8050908	Patented	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	AT&T Intellectual Property II, LP
2001-0251	USA	Continuation	10/28/2011	13/284111	9/24/2013	8543383	Patented	Systems And Methods For Generating Weighted Finite-State Automata Representing Grammars	AT&T Intellectual Property II, LP
2001-0251A	USA	Original Filing	7/22/2002	10/199227	10/30/2007	7289948	Patented	Systems And Methods For Regularly Approximating Context-Free Grammars Through Transformation	AT&T Intellectual Property II, LP
2001-0251A	USA	Continuation	9/18/2007	11/857128	5/11/2010	7716041	Patented	Systems And Methods For Regularly Approximating Context-Free Grammars Through Transformation	AT&T Intellectual Property II, LP
2001-0283	USA	Original Filing	10/4/2001	09/970743	1/17/2006	6988066	Lapsed	Method Of Bandwidth Extension For Narrow-Band Speech	Lapsed
2001-0283	Canada	Original Filing	10/4/2002	2406576	12/18/2007	2406576	Lapsed	Method Of Bandwidth Extension For Narrow-Band Speech	Lapsed
2001-0283	European Patent Convention	Original Filing	10/4/2002	02257102.0	11/22/2006	1300833	National Patents Granted	Method Of Bandwidth Extension For Narrow-Band Speech	Inactive
2001-0283	France	Original Filing	10/4/2002	02257102.0	11/22/2006	1300833	Lapsed	Method Of Bandwidth Extension For Narrow-Band Speech	Lapsed

Page 135 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0241

EXECUTABLE COPY

2001-0283	Great Britain	Original Filing	10/4/2002	02257102.0	11/22/2006	1300833	Lapsed	Method Of Bandwidth Extension For Narrow-Band Speech	Lapsed
2001-0283	Germany	Original Filing	10/4/2002	1300833	11/22/2006	60216214.9	Lapsed	Method Of Bandwidth Extension For Narrow-Band Speech	Lapsed
2001-0283A	USA	Original Filing	10/4/2001	09/971375	5/17/2005	6895375	Patented	System For Bandwidth Extension Of Narrow-Band Speech	AT&T Intellectual Property II, LP
2001-0283A	USA	Continuation	4/25/2005	11/113463	5/8/2007	7216074	Patented	System For Bandwidth Extension Of Narrow-Band Speech	AT&T Intellectual Property II, LP
2001-0283A	USA	Continuation	3/26/2007	11/691160	11/3/2009	7613604	Patented	System For Bandwidth Extension Of Narrow-Band Speech	AT&T Intellectual Property II, LP
2001-0283A	USA	Continuation	10/20/2009	12/582034	11/29/2011	8069038	Patented	System For Bandwidth Extension Of Narrow-Band Speech	AT&T Intellectual Property II, LP
2001-0283A	USA	Continuation	11/7/2011	13/290464	11/26/2013	8595001	Patented	System For Bandwidth Extension Of Narrow-Band Speech	AT&T Intellectual Property II, LP
2001-0320	USA	Original Filing	7/18/2001	60/306283			Converted	Classifier-Based Spoken Language Understanding For Domain Specific Spoken Dialog Systems	Inactive
2001-0320	USA	Original Filing	5/31/2002	10/160461	12/19/2006	7152029	Patented	System And Method Of Using Existing Knowledge To Rapidly Train Automatic Speech Recognizers	AT&T Intellectual Property II, LP
2001-0320	European Patent Convention	Original Filing	7/16/2002	02254994.3			Incur No Further Costs	Spoken Language Understanding That Incorporates Prior Knowledge Into Boosting	Inactive
2001-0320	Canada	Original Filing	7/17/2002	2394000	9/23/2008	2394000	Patented	Spoken Language Understanding That Incorporates Prior Knowledge Into Boosting	AT&T Intellectual Property II, LP
2001-0320	USA	Continuation	7/18/2006	11/484120	2/5/2008	7328146	Patented	System And Method Of Using Existing Knowledge To Rapidly Train Automatic Speech Recognizers	AT&T Intellectual Property II, LP
2001-0320A	USA	Original Filing	4/23/2002	60/374961			Converted	Classifier-Based Spoken Language Understanding For Domain Specific Spoken Dialog Systems	Inactive
2001-0330	USA	Original Filing	2/7/2002	10/067851	9/18/2007	7272377	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0330	European Patent Convention	Original Filing	1/28/2003	03001770.1	3/11/2009	1335620	National Patents Granted	System And Method Of Ubiquitous Language Translation For Wireless Devices	Inactive
2001-0330	France	Original Filing	1/28/2003	03001770.1	3/11/2009	1335620	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0330	Great Britain	Original Filing	1/28/2003	03001770.1	3/11/2009	1335620	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0330	Germany	Original Filing	1/28/2003	1335620	3/11/2009	60326502.2	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0330	Netherlands	Original Filing	1/28/2003	03001770.1	3/11/2009	1335620	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP

Page 136 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0242

EXECUTABLE COPY

2001-0330	Canada	Original Filing	1/31/2003	2418234	12/1/2009	2418234	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0330	Japan	Original Filing	2/7/2003	2003-31150			Incur No Further Costs	System And Method Of Ubiquitous Language Translation For Wireless Devices	Inactive
2001-0330	USA	Continuation	9/27/2005	11/235818			Abandoned	System And Method Of Ubiquitous Language Translation For Wireless Devices	Abandoned
2001-0330	USA	Continuation	8/14/2007	11/838288	3/30/2010	7689245	Patented	System And Method Of Ubiquitous Language Translation For Wireless Devices	AT&T Intellectual Property II, LP
2001-0410	USA	Original Filing	1/9/2002	10/042880	6/20/2006	7065485	Lapsed	Enhancing Speech Intelligibility Using Variable-Rate Time-Scale Modification	Lapsed
2001-0410	USA	Continuation	5/4/2006	11/381542			Abandoned	Enhancing Speech Intelligibility Using Variable-Rate Time-Scale Modification	Abandoned
2001-0415	USA	Original Filing	8/17/2001	60/313121			Converted	System And Method Of Extracting Meaning From Multimodal Inputs Using Finite-State Devices	Inactive
2001-0415	Canada	Original Filing	8/12/2002	2397451			Incur No Further Costs	Systems And Methods For Gestural Input Recognition And Representation	Inactive
2001-0415	USA	Original Filing	8/12/2002	10/216390	3/17/2009	7505908	Patented	Systems And Methods For Classifying And Representing Gestural Inputs	AT&T Intellectual Property II, LP
2001-0415	European Patent Convention	Original Filing	8/14/2002	02018127.7	10/1/2008	1291753	National Patents Granted	Systems And Methods For Gestural Input Recognition And Representation	Inactive
2001-0415	Finland	Original Filing	8/14/2002	02018127.7	10/1/2008	1291753	Lapsed	Systems And Methods For Gestural Input Recognition And Representation	Lapsed
2001-0415	France	Original Filing	8/14/2002	02018127.7	10/1/2008	1291753	Patented	Systems And Methods For Gestural Input Recognition And Representation	AT&T Intellectual Property II, LP
2001-0415	Great Britain	Original Filing	8/14/2002	02018127.7	10/1/2008	1291753	Patented	Systems And Methods For Gestural Input Recognition And Representation	AT&T Intellectual Property II, LP
2001-0415	Germany	Original Filing	8/14/2002	1291753	10/1/2008	60229094.5	Patented	Systems And Methods For Gestural Input Recognition And Representation	AT&T Intellectual Property II, LP
2001-0415	Sweden	Original Filing	8/14/2002	02018127.7	10/1/2008	1291753	Lapsed	Systems And Methods For Gestural Input Recognition And Representation	Lapsed
2001-0415	USA	Division	7/24/2008	12/179223	8/24/2010	7783492	Patented	Systems And Methods For Classifying And Representing Gestural Inputs	AT&T Intellectual Property II, LP
2001-0415A	USA	Original Filing	10/24/2002	10/278921	8/14/2007	7257575	Patented	Systems And Methods Of Generating Markup-Language-Based Expressions From Multi-Modal And Unimodal Inputs	AT&T Intellectual Property II, LP

Page 137 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0243

EXECUTABLE COPY

2001-0415A	USA	Continuation	7/5/2007	11/773659	2/9/2010	7660828	Patented	Systems And Methods For Generating Markup-Language-Based Expressions From Multi-Modal And Unimodal Inputs	AT&T Intellectual Property II, LP
2001-0415A	USA	Continuation	12/22/2009	12/644603	4/30/2013	8433731	Patented	Systems And Methods For Generating Markup-Language-Based Expressions From Multi-Modal And Unimodal Inputs	AT&T Intellectual Property II, LP
2001-0415A	USA	Continuation	4/30/2013	13/873578	11/25/2014	8898202	Patented	Systems And Methods Of Generating Markup-Language-Based Expressions From Multi-Modal And Unimodal Inputs	AT&T Intellectual Property II, LP
2001-0415A	USA	Continuation	11/13/2014	14/540131			Final Office Action	Systems And Methods Of Generating Markup-Language-Based Expressions From Multi-Modal And Unimodal Inputs	AT&T Intellectual Property II, LP
2001-0415B	Canada	Original Filing	8/12/2002	2397466			Abandoned	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Abandoned
2001-0415B	USA	Original Filing	8/12/2002	10/216448			Abandoned	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Abandoned
2001-0415B	European Patent Convention	Original Filing	8/14/2002	02018126.9	5/6/2009	1286252	National Patents Granted	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Inactive
2001-0415B	Finland	Original Filing	8/14/2002	02018126.9	5/6/2009	1286252	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed
2001-0415B	France	Original Filing	8/14/2002	02018126.9	5/6/2009	1286252	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed

EXECUTABLE COPY

2001-0415B	Great Britain	Original Filing	8/14/2002	02018126.9	5/6/2009	1286252	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed
2001-0415B	Germany	Original Filing	8/14/2002	1286252	5/6/2009	60232208.1	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed
2001-0415B	Italy	Original Filing	8/14/2002	1286252	5/6/2009	26544 BE/2009	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed
2001-0415B	Sweden	Original Filing	8/14/2002	02018126.9	5/6/2009	1286252	Lapsed	Systems And Methods For Aggregating Related Inputs Using Finite-State Devices And Extracting Meaning From Multimodal Inputs Using Aggregation	Lapsed
2001-0415C	Canada	Original Filing	8/12/2002	2397703	4/28/2009	2397703	Lapsed	Systems And Methods Of Extracting Meaning From Multi-Modal Inputs Using Finite-State Devices	Lapsed
2001-0415C	USA	Original Filing	8/12/2002	10/216392			Abandoned	Systems And Methods For Abstracting Portions Of Information That Is Represented With Finite-State Devices	Abandoned
2001-0415C	European Patent Convention	Original Filing	8/14/2002	02018125.1			Incur No Further Costs	Systems And Methods Of Extracting Meaning From Multi-Modal Inputs Using Finite-State Devices	Inactive
2001-0489	USA	Original Filing	10/15/2001	60/329442			Converted	System And Method For Dialogue Management	Inactive
2001-0489	USA	Original Filing	10/11/2002	10/269502	1/23/2007	7167832	Patented	Method For Dialog Management	AT&T Intellectual Property II, LP
2001-0489	Canada	Original Filing	10/15/2002	2408089	5/19/2009	2408089	Patented	System And Method For Dialog Management	AT&T Intellectual Property II, LP
2001-0489	USA	Continuation	10/12/2006	11/548899	7/22/2008	7403899	Patented	Method For Dialog Management	AT&T Intellectual Property II, LP
2001-0489	USA	Continuation	6/17/2008	12/140805	12/3/2013	8600747	Patented	Method For Dialog Management	AT&T Intellectual Property II, LP
2001-0505	USA	Original Filing	12/7/2001	60/338202			Converted	System And Method Of Spoken Language Understanding In Human Computer Dialogs	Inactive
2001-0505	USA	Original Filing	12/5/2002	10/310596	5/29/2012	8190436	Patented	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2001-0505	Canada	Original Filing	12/6/2002	2413658	12/11/2007	2413658	Patented	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP
2001-0505	USA	Continuation	5/25/2012	13/481031	2/26/2013	8386262	Patented	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP
2001-0505	USA	Continuation	2/25/2013	13/775546	12/17/2013	8612232	Patented	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP
2001-0505	USA	Continuation	11/15/2013	14/081166	2/16/2016	9263031	Patented	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP
2001-0505	USA	Continuation	2/3/2016	15/014070			Filed	System And Method Of Spoken Language Understanding In Human Computer Dialogs	AT&T Intellectual Property II, LP
2002-0026	USA	Original Filing	5/10/2002	10/143717	4/24/2007	7209882	Patented	System And Method For Triphone-Based Unit Selection For Visual Speech Synthesis	AT&T Intellectual Property II, LP
2002-0026	USA	Continuation	2/16/2007	11/675813	5/6/2008	7369992	Lapsed	System And Method For Triphone-Based Unit Selection For Visual Speech Synthesis	Lapsed
2002-0026	USA	Division	10/25/2007	11/924025			Filed	System And Method For Triphone-Based Unit Selection For Visual Speech Synthesis	AT&T Intellectual Property II, LP
2002-0026	USA	Continuation	3/19/2008	12/051311	4/26/2011	7933772	Patented	System And Method For Triphone-Based Unit Selection For Visual Speech Synthesis	AT&T Intellectual Property II, LP
2002-0040	USA	Original Filing	5/16/2002	60/380952			Converted	System And Method Of Providing Conversational Visual Prosody For Talking Heads	Inactive
2002-0040	USA	Original Filing	6/17/2002	10/173341	7/11/2006	7076430	Patented	System And Method Of Providing Conversational Visual Prosody For Talking Heads	AT&T Intellectual Property II, LP
2002-0040	USA	Continuation	9/28/2005	11/237561	3/25/2008	7349852	Patented	System And Method Of Providing Conversational Visual Prosody For Talking Heads	AT&T Intellectual Property II, LP
2002-0040	USA	Continuation	9/28/2005	11/237557	4/1/2008	7353177	Patented	System And Method Of Providing Conversational Visual Prosody For Talking Heads	AT&T Intellectual Property II, LP
2002-0040	USA	Division	1/25/2008	12/019974	6/12/2012	8200493	Patented	System And Method Of Providing Conversational Visual Prosody For Talking Heads	AT&T Intellectual Property II, LP
2002-0040	USA	Division	1/25/2008	12/020049	11/30/2010	7844467	Patented	System And Method Of Providing Conversational Visual Prosody For Talking Heads	AT&T Intellectual Property II, LP
2002-0050	USA	Original Filing	12/19/2002	10/326692	3/27/2007	7197460	Patented	System For Handling Frequently Asked Questions In A Natural Language Dialog Service	AT&T Intellectual Property II, LP
2002-0050	USA	Continuation	2/15/2007	11/675166	11/11/2008	7451089	Patented	System For Handling Frequently Asked Questions In A Natural Language Dialog Service	AT&T Intellectual Property II, LP

Page 140 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0246

EXECUTABLE COPY

2002-0050	USA	Continuation	11/7/2008	12/266835			Abandoned	System For Handling Frequently Asked Questions In A Natural Language Dialog Service	Abandoned
2002-0063	USA	Original Filing	3/28/2002	60/368640			Converted	System And Method Of Automating A Spoken Dialogue Service	Inactive
2002-0063	USA	Original Filing	11/6/2002	10/288764	10/22/2013	8566102	Patented	System And Method Of Automating A Spoken Dialogue Service	AT&T Intellectual Property II, LP
2002-0063	USA	Continuation -In-Part	12/9/2005	11/297633			Abandoned	System And Method For Natural Language Automated Call Routing	Abandoned
2002-0070	USA	Original Filing	3/29/2002	60/369043			Converted	System And Method Of Automatic Segmentation For Text-To-Speech Systems	Inactive
2002-0070	USA	Original Filing	1/14/2003	10/341869	9/4/2007	7266497	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	Canada	Original Filing	3/21/2003	2423144	6/23/2009	2423144	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	European Patent Convention	Original Filing	3/27/2003	03100795.8	2/23/2011	1394769	National Patents Granted	Automatic Segmentation In Speech Synthesis	Inactive
2002-0070	Finland	Original Filing	3/27/2003	03100795.8	2/23/2011	1394769	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	France	Original Filing	3/27/2003	03100795.8	2/23/2011	1394769	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	Great Britain	Original Filing	3/27/2003	03100795.8	2/23/2011	1394769	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	Germany	Original Filing	3/27/2003	03100795.8	2/23/2011	60336102.1	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	USA	Continuation	8/1/2007	11/832262	9/8/2009	7587320	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0070	European Patent Convention	Division	9/12/2007	07116265.5			Incur No Further Costs	Automatic Segmentation In Speech Synthesis	Inactive
2002-0070	European Patent Convention	Division	9/12/2007	07116266.3			Incur No Further Costs	Automatic Segmentation In Speech Synthesis	Inactive
2002-0070	USA	Continuation	8/20/2009	12/544576	3/6/2012	8131547	Patented	Automatic Segmentation In Speech Synthesis	AT&T Intellectual Property II, LP
2002-0071	USA	Original Filing	3/29/2002	60/368834			Converted	System And Method Of Using Word Lattice Based Algorithms For Generating A Confidence Score In Automatic Speech Recognition	Inactive
2002-0071	USA	Original Filing	9/25/2002	10/254217	8/15/2006	7092883	Lapsed	Generating Confidence Scores From Word Lattices	Lapsed
2002-0071	USA	Continuation	6/23/2006	11/426225	7/14/2009	7562010	Patented	Generating Confidence Scores From Word Lattices	AT&T Intellectual Property II, LP
2002-0082	USA	Original Filing	4/5/2002	60/370772			Converted	From Text To Prosody Without TOBI	Inactive
2002-0082	USA	Original Filing	12/24/2002	10/329181	11/14/2006	7136816	Patented	System And Method For Predicting Prosodic Parameters	AT&T Intellectual Property II, LP

Page 141 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0247

EXECUTABLE COPY

2002-0082	USA	Continuation	10/13/2006	11/549412	2/28/2012	8126717	Patented	System And Method For Predicting Prosodic Parameters	AT&T Intellectual Property II, LP
2002-0093	USA	Original Filing	12/19/2002	10/325295	1/11/2011	7869998	Patented	Voice-Enabled Dialog System	AT&T Intellectual Property II, LP
2002-0093	USA	Division	9/25/2007	11/860750			Abandoned	Voice-Enabled Dialog System	Abandoned
2002-0093A	USA	Original Filing	12/19/2002	10/325266	2/4/2014	8645122	Patented	Method Of Handling Frequently Asked Questions In A Natural Language Dialog Service	AT&T Intellectual Property II, LP
2002-0093A	USA	Continuation	2/3/2014	14/171129			Final Office Action	Method Of Handling Frequently Asked Questions In A Natural Language Dialog Service	AT&T Intellectual Property II, LP
2002-0095	USA	Original Filing	12/24/2002	10/329138	9/30/2014	8849648	Patented	System And Method Of Extracting Clauses For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0095	USA	Continuation -In-Part	5/28/2003	10/446489	8/26/2014	8818793	Patented	System And Method Of Extracting Clauses For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0095	USA	Continuation	8/26/2014	14/468442			Allowed	System And Method Of Extracting Clauses For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0095	USA	Continuation	9/29/2014	14/499888	11/3/2015	9176946	Patented	System And Method Of Extracting Clauses For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0095	USA	Continuation	10/7/2015	14/877272			Filed	System And Method Of Extracting Clauses For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0096	USA	Original Filing	9/18/2002	60/411553			Converted	Low Latency Real-Time Speech Transcription	Inactive
2002-0096	USA	Original Filing	11/21/2002	10/301097	4/19/2011	7930181	Patented	Low Latency Real-Time Speech Transcription	AT&T Intellectual Property II, LP
2002-0096	USA	Division	6/5/2007	11/758037	5/10/2011	7941317	Patented	Low Latency Real-Time Speech Transcription	AT&T Intellectual Property II, LP
2002-0141	USA	Original Filing	12/19/2002	10/325292	2/15/2011	7890324	Patented	Context-Sensitive Interface Widgets For Multi-Modal Dialog Systems	AT&T Intellectual Property II, LP
2002-0141A	USA	Original Filing	12/19/2002	10/326689			Abandoned	Context-Sensitive Interface Widgets For Multi-Modal Dialog Systems	Abandoned
2002-0166	USA	Original Filing	8/29/2002	60/406994			Converted	System And Method Of Unsupervised Speaker Segmentation Of Telephone Conversations	Inactive
2002-0166	USA	Original Filing	1/24/2003	10/350727	11/13/2007	7295970	Patented	Unsupervised Speaker Segmentation Of Multi-Speaker Speech Data	AT&T Intellectual Property II, LP
2002-0166	USA	Division	10/2/2007	11/866125	4/19/2011	7930179	Patented	Unsupervised Speaker Segmentation Of Multi-Speaker Speech Data	AT&T Intellectual Property II, LP
2002-0236	USA	Original Filing	2/26/2004	10/787782	3/17/2009	7505906	Patented	System And Method For Augmenting Spoken Language Understanding By Correcting Common Errors In Linguistic Performance	AT&T Intellectual Property II, LP

Page 142 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0248

EXECUTABLE COPY

2002-0236	Canada	Original Filing	1/19/2005	2493265	3/15/2011	2493265	Patented	System And Method For Augmenting Spoken Language Understanding By Correcting Common Errors In Linguistic Performance	AT&T Intellectual Property II, LP
2002-0236	European Patent Convention	Original Filing	1/31/2005	05100603.9			Incur No Further Costs	System And Method For Augmenting Spoken Language Understanding By Correcting Common Errors In Linguistic Performance	Inactive
2002-0236	Hong Kong	Original Filing	9/28/2005	05108550.0			Abandoned	System And Method For Augmenting Spoken Language Understanding By Correcting Common Errors In Linguistic Performance	Abandoned
2002-0236	USA	Continuation	2/5/2009	12/365980			Abandoned	System And Method For Augmenting Spoken Language Understanding By Correcting Common Errors In Linguistic Performance	Abandoned
2002-0306	USA	Original Filing	10/25/2002	60/421343			Converted	Active Learning For Spoken Language Understanding	Inactive
2002-0306	USA	Original Filing	4/1/2003	10/404699	8/28/2007	7263486	Patented	Active Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0306	USA	Continuation	7/5/2007	11/773681	6/22/2010	7742918	Lapsed	Active Learning For Spoken Language Understanding	Lapsed
2002-0340	USA	Original Filing	5/29/2003	10/448415	11/16/2010	7835910	Patented	Exploiting Unlabeled Utterances For Spoken Language Understanding	AT&T Intellectual Property II, LP
2002-0343	USA	Original Filing	5/29/2003	10/447888	11/6/2007	7292976	Patented	Active Learning Process For Spoken Dialog Systems	AT&T Intellectual Property II, LP
2002-0343	USA	Continuation	9/26/2007	11/862008	7/14/2009	7562014	Patented	Active Learning Process For Spoken Dialog Systems	AT&T Intellectual Property II, LP
2002-0348	USA	Original Filing	1/9/2004	10/755014	11/13/2007	7295981	Patented	Method For Building A Natural Language Understanding Model For A Spoken Dialog System	AT&T Intellectual Property II, LP
2002-0348	USA	Continuation	10/3/2007	11/866685	11/17/2009	7620550	Patented	Method For Building A Natural Language Understanding Model For A Spoken Dialog System	AT&T Intellectual Property II, LP
2002-0348	USA	Continuation	10/20/2009	12/582062	4/26/2011	7933766	Patented	Method For Building A Natural Language Understanding Model For A Spoken Dialog System	AT&T Intellectual Property II, LP
2002-0351	USA	Original Filing	4/2/2003	10/405858	4/29/2008	7366655	Patented	Method Of Generating A Labeling Guide For Spoken Dialog Services	AT&T Intellectual Property II, LP
2002-0351	USA	Division	10/30/2007	11/927738	6/1/2010	7729902	Patented	Method Of Generation A Labeling Guide For Spoken Dialog Services	AT&T Intellectual Property II, LP
2002-0352	USA	Original Filing	5/15/2003	60/470823			Converted	Exploiting Human-Human Data For Spoken Language Understanding	Inactive
2002-0352	USA	Original Filing	12/18/2003	10/739380	12/14/2010	7853451	Patented	System And Method Of Exploiting Human-Human Data For Spoken Language Understanding Systems	AT&T Intellectual Property II, LP
2002-0355	USA	Original Filing	5/15/2003	60/470824			Converted	Mechanism For Modular Spoken-Dialog Strategy Logic	Inactive
2002-0355	USA	Original Filing	3/1/2004	10/790159	8/12/2008	7412393	Patented	Method For Developing A Dialog Manager Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP

Page 143 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0249

EXECUTABLE COPY

2002-0355	USA	Division	3/14/2008	12/048394	1/14/2014	8630859	Patented	Method For Developing A Dialog Manager Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355A	USA	Original Filing	3/1/2004	10/790495	9/2/2008	7421393	Patented	System And Dialog Manager Developed Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355A	USA	Continuation	8/29/2008	12/201423	6/25/2013	8473299	Patented	System And Dialog Manager Developed Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355A	USA	Continuation	6/25/2013	13/926366	5/13/2014	8725517	Patented	System And Dialog Manager Developed Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355A	USA	Continuation	4/25/2014	14/261549	2/9/2016	9257116	Patented	System And Dialog Manager Developed Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355A	USA	Continuation	2/2/2016	15/013040			Office Action	System And Dialog Manager Developed Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0355B	USA	Original Filing	3/1/2004	10/790517	9/30/2008	7430510	Patented	System And Method Of Using Modular Spoken-Dialog Components To Handle Context Shifts In Spoken Dialog Systems	AT&T Intellectual Property II, LP
2002-0355B	USA	Continuation	8/19/2008	12/194175	8/17/2010	7778836	Patented	System And Method Of Using Modular Spoken-Dialog Components	AT&T Intellectual Property II, LP
2002-0356	USA	Original Filing	4/4/2003	10/407965	8/12/2008	7412383	Patented	Systems And Methods For Reducing Annotation Time	AT&T Intellectual Property II, LP
2002-0356	USA	Continuation	7/1/2008	12/165755	12/28/2010	7860713	Patented	Reducing Time For Annotating Speech Data To Develop A Dialog Application	AT&T Intellectual Property II, LP
2002-0362	USA	Original Filing	7/17/2003	60/487990			Converted	Homeland Ear	Inactive
2002-0362	USA	Original Filing	12/30/2003	10/747370	7/12/2011	7979279	Patented	System And Method For Monitoring Communications	AT&T Intellectual Property II, LP
2002-0375	USA	Original Filing	4/4/2003	10/407964	5/15/2007	7219054	Patented	Systems And Methods For Generating An Annotation Guide	AT&T Intellectual Property II, LP
2002-0375	USA	Continuation	4/3/2007	11/732276	7/28/2009	7567906	Patented	Systems And Methods For Generating An Annotation Guide	AT&T Intellectual Property II, LP
2002-0376	USA	Original Filing	4/4/2003	10/407565	10/9/2007	7280965	Patented	Systems And Methods For Monitoring Speech Data Labelers	AT&T Intellectual Property II, LP
2002-0376	USA	Continuation	8/14/2007	11/838312	5/4/2010	7711566	Patented	Systems And Methods For Monitoring Speech Data Labelers	AT&T Intellectual Property II, LP
2002-0376	USA	Continuation	5/3/2010	12/772589	5/1/2012	8170880	Patented	Systems And Methods For Monitoring Speech Data Labelers	AT&T Intellectual Property II, LP
2002-0413	USA	Division	10/30/2007	11/929060	1/3/2012	8090583	Patented	System And Method Of Automatically Generating Building Dialog Services By Exploiting The Content And Structure Of Websites	AT&T Intellectual Property II, LP
2002-0413	USA	Original Filing	12/18/2002	60/434257			Converted	System And Method Of Automatically Generating Building Dialog Services By Exploiting The Content And Structure Of Websites	AT&T Intellectual Property II, LP

Page 144 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0250

EXECUTABLE COPY

2002-0413	USA	Original Filing	12/18/2003	10/740156	11/22/2011	8065151	Lapsed	System And Method Of Automatically Generating Building Dialog Services By Exploiting The Content And Structure Of Websites	Lapsed
2002-0413A	USA	Original Filing	12/18/2003	10/740186	5/13/2008	7373300	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Division	10/30/2007	11/928886	8/25/2009	7580842	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Continuation	7/31/2009	12/533300	11/15/2011	8060369	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Continuation	11/7/2011	13/290501	8/21/2012	8249879	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Continuation	8/16/2012	13/587554	5/14/2013	8442834	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Continuation	5/10/2013	13/891447	4/1/2014	8688456	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0413A	USA	Continuation	3/25/2014	14/224644	2/3/2015	8949132	Patented	System And Method Of Providing A Spoken Dialogue Interface To A Website	AT&T Intellectual Property II, LP
2002-0418	USA	Original Filing	4/16/2004	10/826065	3/25/2014	8683437	Patented	System And Method For The Automatic Validation Of Dialog Run Time Systems	AT&T Intellectual Property II, LP
2002-0418	USA	Continuation	3/21/2014	14/221435	12/15/2015	9213692	Patented	System And Method For The Automatic Validation Of Dialog Run Time Systems	AT&T Intellectual Property II, LP
2002-0418	USA	Continuation	11/24/2015	14/950062			Final Office Action	System And Method For The Automatic Validation Of Dialog Run Time Systems	AT&T Intellectual Property II, LP
2002-0427	USA	Original Filing	4/16/2004	10/826062	5/17/2011	7945903	Patented	System And Method For Converting Graphical Call Flows Into Finite State Machines	AT&T Intellectual Property II, LP
2002-0427	USA	Continuation	5/3/2011	13/099805	2/19/2013	8381200	Patented	System And Method For Converting Graphical Call Flows Into Finite State Machines	AT&T Intellectual Property II, LP
2002-0427	USA	Continuation	2/12/2013	13/765136	1/21/2014	8635604	Patented	System And Method For Converting Graphical Call Flows Into Finite State Machines	AT&T Intellectual Property II, LP
2002-0447	USA	Original Filing	5/15/2003	60/470698			Converted	Techniques And Algorithms For Exact And Approximate Phrase Matching In XML	Inactive
2002-0447	USA	Original Filing	1/27/2004	10/765675	4/8/2008	7356528	Lapsed	Phrase Matching In Documents Having Nested-Structure Arbitrary (Document-Specific) Markup	Lapsed
2002-0447	USA	Continuation	3/4/2008	12/042287	10/1/2013	8549006	Patented	Phrase Matching In Documents Having Nested-Structure Arbitrary (Document-Specific) Markup	AT&T Intellectual Property II, LP

Page 145 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0251

EXECUTABLE COPY

2003-0016	USA	Original Filing	4/3/2003	10/406368	5/4/2010	7711568	Patented	System And Method For Speech Recognition Services	AT&T Intellectual Property II, LP
2003-0016	USA	Division	7/18/2007	11/779358			Abandoned	System And Method For Speech Recognition Services	Abandoned
2003-0016	USA	Continuation	5/3/2010	12/772564	1/17/2012	8099284	Patented	System And Method For Speech Recognition System	AT&T Intellectual Property II, LP
2003-0017	USA	Original Filing	1/9/2004	10/754927	6/10/2008	7386443	Patented	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	5/5/2008	12/115034	10/26/2010	7822603	Patented	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	10/8/2010	12/901016	12/20/2011	8082147	Patented	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	11/22/2011	13/302352	10/23/2012	8296138	Patented	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	10/22/2012	13/657090	4/1/2014	8688444	Patented	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	3/26/2014	14/225499			Allowed	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0017	USA	Continuation	3/16/2016	15/071645			Filed	System And Method For Mobile Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0024	USA	Original Filing	12/30/2004	60/640933			Converted	Network Repository For Voice Fonts	Inactive
2003-0024	USA	Original Filing	12/20/2005	11/275221	7/26/2011	7987244	Patented	Network Repository For Voice Fonts	AT&T Intellectual Property II, LP
2003-0028	USA	Original Filing	4/18/2003	60/463760			Converted	System And Method For Text-To-Speech Processing In A Portable Device	Inactive
2003-0028	USA	Original Filing	12/23/2003	10/742853	3/14/2006	7013282	Patented	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	Patent Cooperation Treaty	Original Filing	4/15/2004	PCT/US04/11654			National Filing Requested	System And Method For Text-To-Speech Processing In A Portable Device	Inactive
2003-0028	European Patent Convention	Original Filing	4/15/2004	04750174.7			Filed	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	India	Original Filing	4/15/2004	3040/CHENP/2005	3/16/2009	232225	Patented	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	China P.R.	Original Filing	4/15/2004	200480010445.2	9/29/2010	ZL200480010445.2	Patented	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	Republic of Korea	Original Filing	4/15/2004	10-2005-7019842			Incur No Further Costs	System And Method For Text-To-Speech Processing In A Portable Device	Inactive
2003-0028	Canada	Original Filing	4/15/2004	2520087			Incur No Further Costs	System And Method For Text-To-Speech Processing In A Portable Device	Inactive
2003-0028	Japan	Original Filing	4/15/2004	2006-510076	2/3/2012	4917884	Patented	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP

Page 146 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

**PATENT
REEL: 050036 FRAME: 0252**

EXECUTABLE COPY

2003-0028	USA	Continuation	9/15/2005	11/227047			Abandoned	System And Method For Text-To-Speech Processing In A Portable Device	Abandoned
2003-0028	Hong Kong	Original Filing	3/31/2006	06104003.1			Filed	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	European Patent Convention	Division	9/30/2010	10183349.9			Filed	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0028	Japan	Division	12/6/2011	2011-266370	8/22/2014	5600092	Patented	System And Method For Text-To-Speech Processing In A Portable Device	AT&T Intellectual Property II, LP
2003-0067	USA	Original Filing	9/9/2004	10/936835	12/27/2011	8086462	Patented	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	AT&T Intellectual Property II, LP
2003-0067	Japan	Original Filing	7/28/2005	2005-261467			Incur No Further Costs	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Inactive
2003-0067	Canada	Original Filing	7/29/2005	2514504			Incur No Further Costs	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Inactive
2003-0067	European Patent Convention	Original Filing	9/1/2005	05270047.3			Abandoned	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Abandoned
2003-0067	China P.R.	Original Filing	9/8/2005	2005101037 35.8			Incur No Further Costs	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Inactive
2003-0067	India	Original Filing	9/8/2005	1259/CHE/2005	3/20/2009	232656	Lapsed	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Lapsed
2003-0067	Republic of Korea	Original Filing	9/9/2005	10-2005-0084057			Incur No Further Costs	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Inactive
2003-0067	Hong Kong	Original Filing	8/11/2006	06108960.3			Abandoned	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	Abandoned
2003-0067	USA	Continuation	11/28/2011	13/305077	11/19/2013	8589172	Patented	Automatic Detection, Summarization And Reporting Of Business Intelligence Highlights From Automated Dialog Systems	AT&T Intellectual Property II, LP
2003-0073	USA	Original Filing	5/13/2004	10/845364	3/4/2014	8666746	Patented	System And Method For Generating Customized Text-To-Speech Voices	AT&T Intellectual Property II, LP
2003-0073	USA	Continuation	3/4/2014	14/196578	1/19/2016	9240177	Patented	System And Method For Generating Customized Text-To-Speech Voices	AT&T Intellectual Property II, LP

Page 147 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0253

EXECUTABLE COPY

2003-0073	USA	Continuation	12/10/2015	14/965251			Final Office Action	System And Method For Generating Customized Text-To-Speech Voices	AT&T Intellectual Property II, LP
2003-0082	USA	Original Filing	10/1/2004	10/957222	7/7/2009	7558389	Patented	Method And System Of Generating A Speech Signal With Overlayed Random Frequency Signal	AT&T Intellectual Property II, LP
2003-0082	Canada	Original Filing	9/9/2005	2518663			Abandoned	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Abandoned
2003-0082	China P.R.	Original Filing	9/27/2005	2005101069 84.2	6/16/2010	ZL2005101 06984.2	Lapsed	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Lapsed
2003-0082	India	Original Filing	9/29/2005	1386/CHE/20 05			Incur No Further Costs	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Inactive
2003-0082	European Patent Convention	Original Filing	9/30/2005	05270061.4	5/21/2008	1643486	National Patents Granted	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Inactive
2003-0082	Japan	Original Filing	9/30/2005	2005-286325			Incur No Further Costs	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Inactive
2003-0082	Republic of Korea	Original Filing	9/30/2005	10-2005-0092173	3/3/2008	811568	Patented	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP
2003-0082	France	Original Filing	9/30/2005	05270061.4	5/21/2008	1643486	Patented	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP
2003-0082	Great Britain	Original Filing	9/30/2005	05270061.4	5/21/2008	1643486	Patented	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP
2003-0082	Germany	Original Filing	9/30/2005	1643486	5/21/2008	602005006 925.9	Patented	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP
2003-0082	Ireland	Original Filing	9/30/2005	05270061.4	5/21/2008	1643486	Lapsed	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Lapsed
2003-0082	Hong Kong	Original Filing	4/15/2006	06110526.6			Incur No Further Costs	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	Inactive
2003-0082	Hong Kong	Original Filing	4/20/2006	06104758.8	8/29/2008	HK1083147	Patented	Method And Apparatus For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP

Page 148 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0254

EXECUTABLE COPY

2003-0082	USA	Continuation	5/20/2009	12/469106	7/12/2011	7979274	Patented	Method And System For Preventing Speech Comprehension By Interactive Voice Response Systems	AT&T Intellectual Property II, LP
2003-0083	USA	Original Filing	12/23/2003	10/742852	6/1/2010	7729912	Patented	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	AT&T Intellectual Property II, LP
2003-0083	Canada	Original Filing	12/10/2004	2489903			Incur No Further Costs	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	Inactive
2003-0083	European Patent Convention	Original Filing	12/15/2004	04270016.1	4/15/2009	1548705	National Patents Granted	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	Inactive
2003-0083	France	Original Filing	12/15/2004	04270016.1	4/15/2009	1548705	Lapsed	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	Lapsed
2003-0083	Great Britain	Original Filing	12/15/2004	04270016.1	4/15/2009	1548705	Patented	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	AT&T Intellectual Property II, LP
2003-0083	Germany	Original Filing	12/15/2004	1548705	4/15/2009	602004020 572.9	Patented	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	AT&T Intellectual Property II, LP
2003-0083	Hong Kong	Original Filing	12/15/2005	05111572.8			Incur No Further Costs	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	Inactive
2003-0083	USA	Continuation	12/15/2009	12/638604	8/30/2011	8010360	Patented	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	AT&T Intellectual Property II, LP
2003-0083	USA	Continuation	8/27/2011	13/219640	6/26/2012	8209176	Patented	System And Method For Latency Reduction For Automatic Speech Recognition Using Partial Multi-Pass Results	AT&T Intellectual Property II, LP
2003-0140	USA	Original Filing	2/2/2005	11/047912	5/8/2012	8175877	Patented	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2003-0140	Canada	Original Filing	2/1/2006	2534936			Incur No Further Costs	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	Inactive
2003-0140	European Patent Convention	Original Filing	2/1/2006	06101170.6			Incur No Further Costs	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	Inactive
2003-0140	Japan	Original Filing	2/2/2006	2006-25205			Incur No Further Costs	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	Inactive
2003-0140	Hong Kong	Original Filing	12/15/2006	06113820.3			Incur No Further Costs	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	Inactive
2003-0140	USA	Continuation	5/7/2012	13/465886	9/17/2013	8538752	Patented	Method And Apparatus For Predicting Word Accuracy In Automatic Speech Recognition Systems	AT&T Intellectual Property II, LP
2003-0247	USA	Original Filing	3/18/2004	10/803701	12/18/2007	7310414	Patented	Prepaid Phone Card Service Using Speech Recognition	AT&T Intellectual Property II, LP
2003-0247	Canada	Original Filing	3/10/2005	2500267	6/16/2009	2500267	Patented	Prepaid Phone Card Service Using Speech Recognition	AT&T Intellectual Property II, LP
2003-0247	European Patent Convention	Original Filing	3/17/2005	05102093.1			Incur No Further Costs	Prepaid Phone Card Service Using Speech Recognition	Inactive
2003-0272	USA	Original Filing	7/19/2004	10/894201	8/11/2009	7574356	Patented	System And Method For Spelling Recognition Using Speech And Non-Speech Input	AT&T Intellectual Property II, LP
2003-0272	Canada	Original Filing	7/7/2005	2511733			Incur No Further Costs	System And Method For Spelling Recognition Using Speech And Non-Speech Input	Inactive
2003-0272	India	Original Filing	7/15/2005	944/CHE/2005			Filed	System And Method For Spelling Recognition Using Speech And Non-Speech Input	AT&T Intellectual Property II, LP
2003-0272	European Patent Convention	Original Filing	7/18/2005	05106578.7			Incur No Further Costs	System And Method For Spelling Recognition Using Speech And Non-Speech Input	Inactive
2003-0272	USA	Continuation	7/22/2009	12/507388	5/24/2011	7949528	Patented	System And Method For Spelling Recognition Using Speech And Non-Speech Input	AT&T Intellectual Property II, LP
2003-0272	USA	Continuation	5/17/2011	13/109293	7/24/2012	8229747	Patented	System And Method For Spelling Recognition Using Speech And Non-Speech Input	AT&T Intellectual Property II, LP
2003-0277	USA	Original Filing	10/30/2003	60/515781			Converted	Meta-Data Dependent Language Modeling For Automatic Speech Recognition	Inactive
2003-0277	Canada	Original Filing	10/27/2004	2486128	8/23/2011	2486128	Patented	Meta-Data Dependent Language Modeling For Automatic Speech Recognition	AT&T Intellectual Property II, LP

Page 150 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0256

EXECUTABLE COPY

2003-0277	USA	Original Filing	10/29/2004	10/976378	7/6/2010	7752046	Patented	System And Method For Using Meta-Data Dependent Language Modeling For Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0277	European Patent Convention	Original Filing	10/29/2004	04270008.8	7/28/2010	1528538	National Patents Granted	Meta-Data Dependent Language Modeling For Automatic Speech Recognition	Inactive
2003-0277	Great Britain	Original Filing	10/29/2004	04270008.8	7/28/2010	1528538	Patented	Meta-Data Dependent Language Modeling For Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0277	USA	Continuation	6/3/2010	12/793181	11/29/2011	8069043	Patented	System And Method For Using Meta-Data Dependent Language Modeling For Automatic Speech Recognition	AT&T Intellectual Property II, LP
2003-0278	USA	Original Filing	10/30/2003	60/515896			Converted	Automatic Speech Recognition With Meta-Data Dependent Networks	Inactive
2003-0278	Canada	Original Filing	10/27/2004	2486125	2/8/2011	2486125	Patented	Automatic Speech Recognition With Meta-Data Dependent Networks	AT&T Intellectual Property II, LP
2003-0278	USA	Original Filing	10/29/2004	10/977030	8/9/2011	7996224	Patented	System And Method Of Using Meta-Data In Speech-Processing	AT&T Intellectual Property II, LP
2003-0278	European Patent Convention	Original Filing	10/29/2004	04270009.6			Abandoned	Automatic Speech Recognition With Meta-Data Dependent Networks	Abandoned
2003-0278	Hong Kong	Original Filing	9/21/2005	05108266.5			Abandoned	Automatic Speech Recognition With Meta-Data Dependent Networks	Abandoned
2003-0283	USA	Original Filing	2/23/2005	11/063910	8/26/2014	8818808	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	Canada	Original Filing	2/22/2006	2537503			Incur No Further Costs	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	Inactive
2003-0283	European Patent Convention	Original Filing	2/23/2006	06110328.9	8/20/2008	1696421	National Patents Granted	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	Inactive
2003-0283	France	Original Filing	2/23/2006	06110328.9	8/20/2008	1696421	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	Great Britain	Original Filing	2/23/2006	06110328.9	8/20/2008	1696421	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	Germany	Original Filing	2/23/2006	1696421	8/20/2008	602006002 287.5	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	Hong Kong	Original Filing	2/5/2007	07101337.3	6/29/2009	1095013	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	USA	Continuation	8/26/2014	14/468375	10/13/2015	9159318	Patented	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP
2003-0283	USA	Continuation	10/5/2015	14/874843			Office Action	Unsupervised And Active Learning In Automatic Speech Recognition For Call Classification	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2003-0290	USA	Original Filing	8/23/2004	10/923915	3/22/2011	7912699	Patented	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2003-0290	Canada	Original Filing	8/8/2005	2515613			Incur No Further Costs	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Inactive
2003-0290	European Patent Convention	Original Filing	8/22/2005	05270042.4			Incur No Further Costs	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Inactive
2003-0290	India	Original Filing	8/22/2005	1168/CHE/2005			Filed	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2003-0290	China P.R.	Original Filing	8/23/2005	200510091576.4			Incur No Further Costs	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Inactive
2003-0290	Japan	Original Filing	8/23/2005	2005-240563			Incur No Further Costs	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Inactive
2003-0290	Republic of Korea	Original Filing	8/23/2005	10-2005-0077408			Incur No Further Costs	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Inactive
2003-0290	Hong Kong	Original Filing	7/31/2006	06108500.0			Abandoned	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	Abandoned
2003-0290	USA	Continuation	3/21/2011	13/052819	3/11/2014	8670977	Patented	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2003-0290	India	Division	2/13/2014	674/CHE/2014			Filed	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2003-0290	USA	Continuation	3/7/2014	14/200700	3/15/2016	9286890	Patented	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2003-0290	USA	Continuation	2/29/2016	15/055975			Filed	System And Method Of Lattice-Based Search For Spoken Utterance Retrieval	AT&T Intellectual Property II, LP
2004-0026	USA	Original Filing	3/2/2004	60/549240			Converted	Combining Active And Semi-Supervised Learning For Spoken Language Understanding	Inactive
2004-0026	USA	Original Filing	1/12/2005	11/033902	8/30/2011	8010357	Patented	Combining Active And Semi-Supervised Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2004-0026	Canada	Original Filing	2/23/2005	2498015	11/27/2012	2498015	Patented	Combining Active And Semi-Supervised Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2004-0026	European Patent Convention	Original Filing	2/24/2005	05101425.6			Incur No Further Costs	Combining Active And Semi-Supervised Learning For Spoken Language Understanding	Inactive
2004-0026	Hong Kong	Original Filing	10/25/2005	05109474.1			Incur No Further Costs	Combining Active And Semi-Supervised Learning For Spoken Language Understanding	Inactive
2004-0090	USA	Original Filing	1/12/2005	11/034535	7/28/2009	7567903	Patented	Low Latency Real-Time Vocal Tract Length Normalization	AT&T Intellectual Property II, LP

Page 152 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0258

EXECUTABLE COPY

2004-0090	USA	Continuation	6/24/2009	12/490634	12/9/2014	8909527	Patented	Low Latency Real-Time Vocal Tract Length Normalization	AT&T Intellectual Property II, LP
2004-0090	USA	Continuation	11/26/2014	14/554339	10/20/2015	9165555	Patented	Low Latency Real-Time Vocal Tract Length Normalization	AT&T Intellectual Property II, LP
2004-0097	USA	Original Filing	1/7/2005	11/030923	12/11/2012	8332226	Patented	System And Method Of Dynamically Modifying A Spoken Dialog System To Reduce Hardware Requirements	AT&T Intellectual Property II, LP
2004-0097	USA	Continuation	11/30/2012	13/690825	12/3/2013	8600757	Patented	System And Method Of Dynamically Modifying A Spoken Dialog System To Reduce Hardware Requirements	AT&T Intellectual Property II, LP
2004-0101	USA	Original Filing	1/5/2005	11/029319	7/2/2013	8478589	Patented	Library Of Existing Spoken Dialog Data For Use In Generating New Natural Language Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0101	Canada	Original Filing	12/28/2005	2531458			Incur No Further Costs	Library Of Existing Spoken Dialog Data For Use In Generating New Natural Language Spoken Dialog Systems	Inactive
2004-0101	European Patent Convention	Original Filing	1/4/2006	06100067.5			Abandoned	Library Of Existing Spoken Dialog Data For Use In Generating New Natural Language Spoken Dialog Systems	Abandoned
2004-0101	USA	Continuation	7/2/2013	13/933170	1/19/2016	9240197	Patented	Library Of Existing Spoken Dialog Data For Use In Generating New Natural Language Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0101	USA	Continuation	12/9/2015	14/963408			Filed	Library Of Existing Spoken Dialog Data For Use In Generating New Natural Language Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0102	USA	Original Filing	1/5/2005	11/029317			Abandoned	System And Method For Using A Library To Interactively Design Natural Language Spoken Dialog Systems	Abandoned
2004-0102	Canada	Original Filing	12/28/2005	2531456			Incur No Further Costs	System And Method For Using A Library To Interactively Design Natural Language Spoken Dialog Systems	Inactive
2004-0102	European Patent Convention	Original Filing	1/4/2006	06100070.9			Incur No Further Costs	System And Method For Using A Library To Interactively Design Natural Language Spoken Dialog Systems	Inactive
2004-0108	USA	Original Filing	7/30/2004	60/592855			Converted	Preserving Privacy In Spoken Language Databases	Inactive
2004-0108	USA	Original Filing	3/22/2005	11/086954	6/25/2013	8473451	Patented	Preserving Privacy In Natural Language Databases	AT&T Intellectual Property II, LP
2004-0108	USA	Continuation	6/25/2013	13/926404	6/10/2014	8751439	Patented	Preserving Privacy In Natural Language Databases	AT&T Intellectual Property II, LP
2004-0108	USA	Continuation	5/28/2014	14/288793			Final Office Action	Preserving Privacy In Natural Language Databases	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2004-0125	USA	Original Filing	1/5/2005	11/029798	5/22/2012	8185399	Patented	System And Method Of Providing An Automated Data-Collection In Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0125	Canada	Original Filing	12/23/2005	2531600			Incur No Further Costs	System And Method Of Providing An Automated Data-Collection In Spoken Dialog Systems	Inactive
2004-0125	European Patent Convention	Original Filing	1/4/2006	06100060.0			Incur No Further Costs	System And Method Of Providing An Automated Data-Collection In Spoken Dialog Systems	Inactive
2004-0125	USA	Continuation	5/21/2012	13/476150	4/8/2014	8694324	Patented	System And Method Of Providing An Automated Data-Collection In Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0125	USA	Continuation	4/7/2014	14/246216	12/16/2014	8914294	Patented	System And Method Of Providing An Automated Data-Collection In Spoken Dialog Systems	AT&T Intellectual Property II, LP
2004-0206	USA	Original Filing	3/21/2005	11/085382	9/28/2010	7805300	Patented	Apparatus And Method For Analysis Of Language Model Changes	AT&T Intellectual Property II, LP
2004-0206	Canada	Original Filing	3/21/2006	2540627			Incur No Further Costs	Apparatus And Method For Analysis Of Language Model Changes	Inactive
2004-0206	European Patent Convention	Original Filing	3/21/2006	06111514.3			Incur No Further Costs	Apparatus And Method For Analysis Of Language Model Changes	Inactive
2004-0206	Hong Kong	Original Filing	2/5/2007	07101342.6			Incur No Further Costs	Apparatus And Method For Analysis Of Language Model Changes	Inactive
2004-0206	USA	Continuation	9/14/2010	12/881665	11/18/2014	8892438	Patented	Apparatus And Method For Analysis Of Language Model Changes	AT&T Intellectual Property II, LP
2004-0206	USA	Continuation	11/14/2014	14/541694			Final Office Action	Apparatus And Method For Analysis Of Language Model Changes	AT&T Intellectual Property II, LP
2004-0224	USA	Original Filing	3/21/2005	11/085587	8/9/2011	7996219	Patented	Apparatus And Method For Model Adaptation For Spoken Language Understanding	AT&T Intellectual Property II, LP
2004-0224	Canada	Original Filing	3/21/2006	2540557			Incur No Further Costs	Apparatus And Method For Model Adaptation For Spoken Language Understanding	Inactive
2004-0224	Great Britain	Original Filing	3/29/2006	0606235.0			Incur No Further Costs	Apparatus And Method For Model Adaptation For Spoken Language Understanding	Inactive
2004-0224	USA	Continuation	8/8/2011	13/205057	5/20/2014	8731924	Patented	Apparatus And Method For Model Adaptation For Spoken Language Understanding	AT&T Intellectual Property II, LP
2004-0224	USA	Continuation	5/20/2014	14/282054			Office Action	Apparatus And Method For Model Adaptation For Spoken Language Understanding	AT&T Intellectual Property II, LP
2004-0236	Canada	Original Filing	9/21/2005	2520420	1/24/2012	2520420	Filed	Apparatus And Method For Spoken Language Understanding By Using Semantic Role Labeling	AT&T Intellectual Property II, LP
2004-0236	European Patent Convention	Original Filing	10/11/2005	05270065.5			Abandoned	Apparatus And Method For Spoken Language Understanding By Using Semantic Role Labeling	Abandoned
2004-0269	USA	Original Filing	7/20/2005	11/185092	3/22/2011	7912720	Patented	System And Method For Building Emotional Machines	AT&T Intellectual

Page 154 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0260

EXECUTABLE COPY

									Property II, LP
2004-0269	USA	Continuation	3/21/2011	13/053179	6/19/2012	8204749	Patented	System And Method For Building Emotional Machines	AT&T Intellectual Property II, LP
2004-0275	USA	Original Filing	5/13/2005	11/128564	6/10/2014	8751240	Patented	Apparatus And Method For Forming Search Engine Queries Based On Spoken Utterances	AT&T Intellectual Property II, LP
2004-0275	Canada	Original Filing	5/8/2006	2546087			Incur No Further Costs	Apparatus And Method For Speech Recognition Retrieval	Inactive
2004-0275	European Patent Convention	Original Filing	5/9/2006	06113673.5			Abandoned	Apparatus And Method For Speech Recognition Retrieval	Abandoned
2004-0275	Hong Kong	Original Filing	1/10/2007	07100366.9			Abandoned	Apparatus And Method For Speech Recognition Retrieval	Abandoned
2004-0275	USA	Continuation	6/9/2014	14/299761			Office Action	Apparatus And Method For Speech Recognition Retrieval	AT&T Intellectual Property II, LP
2004-0357	USA	Original Filing	12/30/2005	11/321638	12/3/2013	8600753	Patented	Method And Apparatus For Combining Text To Speech And Recorded Prompts	AT&T Intellectual Property II, LP
2004-0457	USA	Original Filing	7/25/2005	11/188825	4/30/2013	8433558	Patented	Methods And Systems For Natural Language Understanding Using Human Knowledge And Collected Data	AT&T Intellectual Property II, LP
2004-0457	Canada	Original Filing	6/28/2006	2551284			Incur No Further Costs	Methods And Systems For Natural Language Understanding Using Human Knowledge And Collected Data	Inactive
2004-0457	European Patent Convention	Original Filing	7/12/2006	06117047.8			Incur No Further Costs	Methods And Systems For Natural Language Understanding Using Human Knowledge And Collected Data	Inactive
2004-0457	USA	Continuation	4/30/2013	13/873548	8/5/2014	8798990	Patented	Methods And Systems For Natural Language Understanding Using Human Knowledge And Collected Data	AT&T Intellectual Property II, LP
2004-0457	USA	Continuation	7/23/2014	14/338602			Office Action	Methods And Systems For Natural Language Understanding Using Human Knowledge And Collected Data	AT&T Intellectual Property II, LP
2004-0483	USA	Original Filing	3/4/2006	11/276542	6/4/2013	8457973	Patented	Menu Hierarchy Skipping Dialog For Directed Dialog Speech Recognition	AT&T Intellectual Property II, LP
2004-0483	Patent Cooperation Treaty	Original Filing	2/23/2007	PCT/US2007/062652			Abandoned	Menu Hierarchy Skipping Dialog For Directed Dialog Speech Recognition	Abandoned
2004-0483	USA	Continuation	6/3/2013	13/908411	10/14/2014	8862477	Patented	Menu Hierarchy Skipping Dialog For Directed Dialog Speech Recognition	AT&T Intellectual Property II, LP
2004-0483	USA	Continuation	10/13/2014	14/512605			Filed	Menu Hierarchy Skipping Dialog For Directed Dialog Speech Recognition	AT&T Intellectual Property II, LP
2004-0489	USA	Original Filing	9/27/2005	11/235954	4/6/2010	7693716	Patented	System And Method Of Developing A TTS Voice	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2004-0489	USA	Continuation	12/15/2009	12/638648	8/9/2011	7996226	Patented	System And Method Of Developing A TTS Voice	AT&T Intellectual Property II, LP
2004-0489A	USA	Original Filing	9/27/2005	11/235821	6/22/2010	7742921	Patented	System And Method For Correcting Errors When Generating A TTS Voice	AT&T Intellectual Property II, LP
2004-0489B	USA	Original Filing	9/27/2005	11/235822	5/4/2010	7711562	Patented	System And Method For Testing A TTS Voice	AT&T Intellectual Property II, LP
2004-0489B	USA	Continuation	12/23/2009	12/646125	12/6/2011	8073694	Patented	System And Method For Testing A TTS Voice	AT&T Intellectual Property II, LP
2004-0489C	USA	Original Filing	9/27/2005	11/235817	12/8/2009	7630898	Patented	System And Method For Preparing A Pronunciation Dictionary For A Text-To-Speech Voice	AT&T Intellectual Property II, LP
2004-0489D	USA	Original Filing	9/27/2005	11/235857	6/22/2010	7742919	Patented	System And Method For Repairing A TTS Voice Database	AT&T Intellectual Property II, LP
2004-0541	USA	Original Filing	12/30/2005	11/324011	6/23/2009	7552098	Patented	Methods To Distribute Multiclass Classification Learning On Several Processors	AT&T Intellectual Property II, LP
2004-0541	USA	Continuation	5/14/2009	12/465827	7/19/2011	7983999	Patented	Multi-Class Classification Learning On Several Processors	AT&T Intellectual Property II, LP
2004-0558	USA	Original Filing	10/7/2005	11/246604	5/22/2012	8185400	Patented	System And Method For Isolating And Processing Common Dialog Cues	AT&T Intellectual Property II, LP
2004-0558	USA	Continuation	5/21/2012	13/476155	9/10/2013	8532995	Patented	System And Method For Isolating And Processing Common Dialog Cues	AT&T Intellectual Property II, LP
2005-0037	USA	Original Filing	8/27/2005	11/212266	4/15/2014	8700404	Patented	System And Method For Using Semantic And Syntactic Graphs For Utterance Classification	AT&T Intellectual Property II, LP
2005-0037	USA	Continuation	4/15/2014	14/252817	12/22/2015	9218810	Patented	System And Method For Using Semantic And Syntactic Graphs For Utterance Classification	AT&T Intellectual Property II, LP
2005-0037	USA	Continuation	12/9/2015	14/963423			Office Action	System And Method For Using Semantic And Syntactic Graphs For Utterance Classification	AT&T Intellectual Property II, LP
2005-0071	USA	Original Filing	8/19/2005	11/207972	9/24/2013	8542803	Patented	System And Method For Integrating And Managing Email, Voicemail, And Telephone Conversations Using Speech Processing Techniques	AT&T Intellectual Property II, LP
2005-0071	Canada	Original Filing	7/27/2006	2554291			Abandoned	System And Method For Integrating And Managing Email, Voicemail, And Telephone Conversations Using Speech Processing Technologies	Abandoned
2005-0071	European Patent Convention	Original Filing	8/4/2006	06270075.2			Abandoned	System And Method For Integrating And Managing Email, Voicemail, And Telephone Conversations Using Speech Processing Technologies	Abandoned
2005-0071	Hong Kong	Original Filing	6/22/2007	07106679.8			Abandoned	System And Method For Integrating And Managing Email, Voicemail, And Telephone Conversations Using Speech Processing Technologies	Abandoned
2005-0090	USA	Original Filing	9/27/2005	11/235742	4/14/2015	9009046	Patented	System And Method For Disambiguating Multiple Intents In A Natural Language Dialog System	AT&T Intellectual Property II, LP

Page 156 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0262

EXECUTABLE COPY

2005-0090	USA	Continuation	4/13/2015	14/684880			Allowed	System And Method For Disambiguating Multiple Intents In A Natural Language Dialog System	AT&T Intellectual Property II, LP
2005-0105	USA	Original Filing	10/31/2005	11/263051	5/5/2015	9026915	Patented	System And Method For Creating A Presentation Using Natural Language	AT&T Intellectual Property II, LP
2005-0105	USA	Continuation	5/4/2015	14/702825			Filed	System And Method For Creating A Presentation Using Natural Language	AT&T Intellectual Property II, LP
2005-0266	USA	Original Filing	8/26/2005	11/213458	12/30/2014	8924212	Patented	System And Method For Robust Access And Entry To Large Structured Data Using Voice Form-Filling	AT&T Intellectual Property II, LP
2005-0266	USA	Continuation	12/4/2014	14/560219	10/20/2015	9165554	Patented	System And Method For Robust Access And Entry To Large Structured Data Using Voice Form-Filling	AT&T Intellectual Property II, LP
2005-0266	USA	Continuation	10/19/2015	14/886650			Filed	System And Method For Robust Access And Entry To Large Structured Data Using Voice Form-Filling	AT&T Intellectual Property II, LP
2005-0307	USA	Original Filing	12/5/2005	11/294322	9/22/2009	7593520	Patented	Method And Apparatus For Providing Voice Control For Accessing Teleconference Services	AT&T Intellectual Property II, LP
2005-0307	USA	Continuation	9/3/2009	12/553700	5/22/2012	8184792	Patented	Method And Apparatus For Providing Voice Control For Accessing Teleconference Services	AT&T Intellectual Property II, LP
2005-0307	USA	Continuation	5/21/2012	13/476897	8/20/2013	8515045	Patented	Method And Apparatus For Providing Voice Control For Accessing Teleconference Services	AT&T Intellectual Property II, LP
2005-0307	USA	Continuation	8/20/2013	13/971657	12/22/2015	9219820	Patented	Method And Apparatus For Providing Voice Control For Accessing Teleconference Services	AT&T Intellectual Property II, LP
2005-0368	USA	Original Filing	11/30/2005	11/290859	11/27/2012	8321220	Patented	System And Method Of Semi-Supervised Learning For Spoken Language Understanding Using Semantic Role Labeling	AT&T Intellectual Property II, LP
2005-0368	USA	Continuation	11/26/2012	13/684939	10/1/2013	8548805	Patented	System And Method Of Semi-Supervised Learning For Spoken Language Understanding Using Semantic Role Labeling	AT&T Intellectual Property II, LP
2005-0474	USA	Original Filing	11/30/2005	60/740632			Converted	Using Semantic Role Labeling For Question Answering	Inactive
2005-0474	USA	Original Filing	12/28/2005	11/319188	9/9/2014	8832064	Patented	Answer Determination For Natural Language Questioning	AT&T Intellectual Property II, LP
2005-0474	Canada	Original Filing	11/1/2006	2566927			Incur No Further Costs	Answer Determination For Natural Language Questioning	Inactive
2005-0474	European Patent Convention	Original Filing	11/22/2006	06124602.1			Incur No Further Costs	Answer Determination For Natural Language Questioning	Inactive
2005-0474	USA	Continuation	9/8/2014	14/479765			Filed	Answer Determination For Natural Language Questioning	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2005-0488	USA	Original Filing	12/21/2005	11/312403	7/31/2012	8234494	Patented	Speaker-Verification Digital Signatures	AT&T Intellectual Property II, LP
2005-0488	USA	Continuation	7/31/2012	13/562713	6/10/2014	8751233	Patented	Digital Signatures For Communications Using Text-Independent Speaker Verification	AT&T Intellectual Property II, LP
2005-0488	USA	Continuation	6/9/2014	14/299874			Allowed	Digital Signatures For Communications Using Text-Independent Speaker Verification	AT&T Intellectual Property II, LP
2005-0519	USA	Original Filing	2/16/2006	11/276151	6/5/2012	8195462	Patented	System And Method For Providing Large Vocabulary Speech Processing Based On Fixed-Point Arithmetic	AT&T Intellectual Property II, LP
2005-0519	Patent Cooperation Treaty	Original Filing	2/9/2007	PCT/US07/061911			Abandoned	System And Method For Providing Large Vocabulary Speech Processing Based On Fixed-Point Arithmetic	Abandoned
2005-0529	USA	Original Filing	4/26/2006	11/380475			Abandoned	Graded Unobtrusive Speaker Authentication For Voice Services	Abandoned
2005-0532	USA	Original Filing	6/9/2006	11/423212	2/16/2010	7664644	Patented	Multitask Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2005-0532	USA	Continuation	12/28/2009	12/647901	5/27/2014	8738379	Patented	Multitask Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2005-0532	USA	Continuation	5/27/2014	14/287892	8/2/2016	9406292	Patented	Multitask Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2005-0532	USA	Continuation	7/21/2016	15/215710			Filed	Multitask Learning For Spoken Language Understanding	AT&T Intellectual Property II, LP
2005-0535	USA	Original Filing	4/27/2006	11/380502	7/3/2012	8214213	Patented	Speech Recognition Based On Pronunciation Modeling	AT&T Intellectual Property II, LP
2005-0535	USA	Continuation	7/2/2012	13/539996	9/10/2013	8532993	Patented	Speech Recognition Based On Pronunciation Modeling	AT&T Intellectual Property II, LP
2005-0538	USA	Original Filing	8/3/2006	11/462068	3/24/2015	8990126	Patented	Copying Human Interactions Through Learning And Discovery	AT&T Intellectual Property II, LP
2005-0539	USA	Original Filing	4/14/2006	11/279804	5/11/2010	7716039	Patented	Learning Edit Machined For Robust Multimodal Understanding	AT&T Intellectual Property II, LP
2005-0546	USA	Original Filing	6/20/2006	11/425243	3/29/2016	9299345	Patented	Bootstrapping Language Models For Spoken Dialog Systems Using The World Wide Web	AT&T Intellectual Property II, LP
2005-0582	USA	Original Filing	4/14/2006	11/279852	5/4/2010	7711543	Patented	On-Demand Language Translation For Television Programs	AT&T Intellectual Property II, LP
2005-0582	Patent Cooperation Treaty	Original Filing	4/13/2007	PCT/US2007/009288			National Filing Requested	On-Demand Language Translation For Television Programs	Inactive
2005-0582	Canada	Original Filing	4/13/2007	2649465			Incur No Further Costs	On-Demand Language Translation For Television Programs	Inactive
2005-0582	European Patent Convention	Original Filing	4/13/2007	07775510.6			Incur No Further Costs	On-Demand Language Translation For Television Programs	Inactive
2005-0582	USA	Continuation	5/3/2010	12/772580	11/19/2013	8589146	Patented	On-Demand Language Translation For Television Programs	AT&T Intellectual Property II, LP

Page 158 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0264

EXECUTABLE COPY

2005-0582	European Patent Convention	Division	7/5/2012	12175196.0			Incur No Further Costs	On-Demand Language Translation For Television Programs	Inactive
2005-0582	USA	Continuation	10/24/2013	14/062067	6/21/2016	9374612	Patented	On-Demand Language Translation For Television Programs	AT&T Intellectual Property II, LP
2005-0582	USA	Continuation	6/20/2016	15/187151			Filed	On-Demand Language Translation For Television Programs	AT&T Intellectual Property II, LP
2006-0014	USA	Original Filing	11/3/2006	11/556628	7/29/2014	8792627	Patented	Method And Apparatus For Delivering Relevant Content	AT&T Intellectual Property II, LP
2006-0014	Patent Cooperation Treaty	Original Filing	10/30/2007	PCT/US2007/83001			Abandoned	Method And Apparatus For Delivering Relevant Content	Abandoned
2006-0045	USA	Original Filing	3/3/2006	60/779226			Converted	Data Driven Approaches To Contextual Question Answering	Inactive
2006-0045	USA	Original Filing	7/24/2006	11/459523	6/19/2012	8204751	Patented	Relevance Recognition For A Human Machine Dialog System Contextual Question Answering Based On A Normalization Of The Length Of The User Input	AT&T Intellectual Property II, LP
2006-0045	USA	Continuation	6/15/2012	13/524714	1/28/2014	8639517	Patented	Relevance Recognition For A Human Machine Dialog System Contextual Question Answering Based On A Normalization Of The Length Of The User Input	AT&T Intellectual Property II, LP
2006-A0335	USA	Original Filing	6/27/2006	11/475551			Abandoned	Biometric And Speech Recognition System And Method	Abandoned
2006-A0335	Patent Cooperation Treaty	Original Filing	5/18/2007	PCT/US2007/012027			National Filing Requested	Biometric And Speech Recognition System And Method	Inactive
2006-A0335	Canada	Original Filing	5/18/2007	2648525			Incur No Further Costs	Biometric And Speech Recognition System And Method	Inactive
2006-A0335	European Patent Convention	Original Filing	5/18/2007	07809117.0			Incur No Further Costs	Biometric And Speech Recognition System And Method	Inactive
2006-A0497	USA	Original Filing	9/8/2006	11/530258	9/1/2009	7584104	Patented	Service-Quality Text-To-Speech Synthesis System	AT&T Intellectual Property II, LP
2006-A0497	Patent Cooperation Treaty	Original Filing	8/30/2007	PCT/US2007/77227			Abandoned	Service-Quality Text-To-Speech Synthesis System	Abandoned
2006-A0497	USA	Continuation	8/13/2009	12/540441	3/13/2012	8135591	Patented	Method And System For Training A Text-To-Speech Synthesis System Using A Specific Domain Speech Database	AT&T Intellectual Property II, LP
2006-A0540	USA	Original Filing	8/31/2006	11/469134	8/13/2013	8510113	Patented	Method And System For Enhancing A Speech Database	AT&T Intellectual Property II, LP
2006-A0540	USA	Continuation	8/13/2013	13/965451	6/3/2014	8744851	Patented	Method And System For Enhancing A Speech Database	AT&T Intellectual Property II, LP
2006-A0540	USA	Continuation	5/28/2014	14/288815	3/10/2015	8977552	Patented	Method And System For Enhancing A Speech Database	AT&T Intellectual Property II, LP

Page 159 of 278
Proprietary and Confidential

This Agreement and information contained therein is subject to the Non-Disclosure Agreement entered into between Nuance Communications, Inc. and AT&T Intellectual Property, LLC on April 1, 2015.

PATENT
REEL: 050036 FRAME: 0265

EXECUTABLE COPY

2006-A0540	USA	Continuation	3/4/2015	14/638038	12/22/2015	9218803	Patented	Method And System For Enhancing A Speech Database	AT&T Intellectual Property II, LP
2006-A0595	USA	Original Filing	8/31/2006	11/469016	8/27/2013	8521510	Patented	Method And System For Providing An Automated Web Transcription Service	AT&T Intellectual Property II, LP
2006-A0595	Patent Cooperation Treaty	Original Filing	8/30/2007	PCT/US2007/77224			Abandoned	AutoTranscribe: Web-Based Automatic Speech Transcription Service	Abandoned
2006-A0595	USA	Continuation	8/26/2013	13/975901	7/8/2014	8775176	Patented	Method And System For Providing An Automated Web Transcription Service	AT&T Intellectual Property II, LP
2006-A0595	USA	Continuation	7/2/2014	14/321932	6/30/2015	9070368	Patented	Method And System For Providing An Automated Web Transcription Service	AT&T Intellectual Property II, LP
2006-A0601	USA	Original Filing	12/28/2006	11/646983			Abandoned	Sequence Classification For Machine Translation	Abandoned
2006-A0601	European Patent Convention	Original Filing	12/11/2007	07122900.9			Incur No Further Costs	Sequence Classification For Machine Translation	Inactive
2006-A0601	Japan	Original Filing	12/21/2007	2007-329742			Incur No Further Costs	Sequence Classification For Machine Translation	Inactive
2006-A0601A	USA	Original Filing	12/28/2006	11/647080	8/24/2010	7783473	Lapsed	Sequence Classification For Machine Translation	Lapsed
2006-A0601A	European Patent Convention	Original Filing	12/11/2007	07122902.5			Incur No Further Costs	Sequence Classification For Machine Translation	Inactive
2006-A0601A	Japan	Original Filing	12/25/2007	2007-331748			Incur No Further Costs	Sequence Classification For Machine Translation	Inactive
2006-A0604	USA	Original Filing	9/7/2006	11/470685	2/15/2011	7890328	Patented	Enhanced Accuracy For Speech Recognition Grammars	AT&T Intellectual Property II, LP
2006-A0604	USA	Continuation	2/14/2011	13/026884	7/24/2012	8229746	Patented	Enhanced Accuracy For Speech Recognition Grammars	AT&T Intellectual Property II, LP
2006-A0604	USA	Continuation	7/18/2012	13/552218	7/2/2013	8478593	Patented	Enhanced Accuracy For Speech Recognition Grammars	AT&T Intellectual Property II, LP
2006-A0604	USA	Continuation	7/2/2013	13/933155	5/13/2014	8725511	Patented	Enhanced Accuracy For Speech Recognition Grammars	AT&T Intellectual Property II, LP
2006-A0604	USA	Continuation	5/2/2014	14/268061	8/9/2015	9412364	Patented	Enhanced Accuracy For Speech Recognition Grammars	AT&T Intellectual Property II, LP
2006-A1409	USA	Original Filing	5/29/2007	11/754814	6/24/2014	8762143	Patented	Method And Apparatus For Identifying Acoustic Background Environments Based On Time And Speed To Enhance Automatic Speech Recognition	AT&T Intellectual Property II, LP
2006-A1409	USA	Continuation	6/23/2014	14/312116	6/7/2016	9361881	Patented	Method And Apparatus For Identifying Acoustic Background Environments Based On Time And Speed To Enhance Automatic Speech Recognition	AT&T Intellectual Property II, LP

EXECUTABLE COPY

2006-A1409	USA	Continuation	6/2/2016	15/171177			Filed	Method And Apparatus For Identifying Acoustic Background Environments Based On Time And Speed To Enhance Automatic Speech Recognition	AT&T Intellectual Property II, LP
2006-A1467	USA	Original Filing	3/15/2007	11/686681	7/22/2014	8788258	Patented	Machine Translation Using Global Lexical Selection And Sentence Reconstruction	AT&T Intellectual Property II, LP
2006-A1467	USA	Continuation	7/21/2014	14/336297	4/26/2016	9323745	Patented	Machine Translation Using Global Lexical Selection And Sentence Reconstruction	AT&T Intellectual Property II, LP
2006-A1637	USA	Original Filing	5/29/2007	11/754800	9/9/2014	8831941	Patented	System And Method For Tracking Fraudulent Electronic Transactions Using Voiceprints Of Uncommon Words	AT&T Intellectual Property II, LP
2006-A1637	USA	Continuation	9/9/2014	14/481348			Final Office Action	System And Method For Tracking Fraudulent Electronic Transactions Using Voiceprints Of Uncommon Words	AT&T Intellectual Property II, LP
2006-A1882	USA	Original Filing	6/20/2007	11/765527	9/14/2010	7797158	Patented	System And Method For Improving Robustness Of Speech Recognition Using Vocal Tract Length Normalization Codebooks	AT&T Intellectual Property II, LP
2006-A1882	USA	Continuation	8/26/2010	12/869039	4/17/2012	8160875	Patented	System And Method For Improving Robustness Of Speech Recognition Using Vocal Tract Length Normalization Codebooks	AT&T Intellectual Property II, LP
2006-A1882	USA	Continuation	4/13/2012	13/446329	12/3/2013	8600744	Patented	System And Method For Improving Robustness Of Speech Recognition Using Vocal Tract Length Normalization Codebooks	AT&T Intellectual Property II, LP
2006-A1925	USA	Original Filing	8/9/2007	11/836423	7/19/2011	7983919	Patented	System And Method For Performing Speech Synthesis With A Cache Of Phoneme Sequences	AT&T Intellectual Property II, LP
2006-A1925	USA	Continuation	7/13/2011	13/182082	7/3/2012	8214217	Patented	System And Method For Performing Speech Synthesis With A Cache Of Phoneme Sequences	AT&T Intellectual Property II, LP