#### 504235247 02/20/2017

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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JOHN BAIN	08/24/2011
ROBERT CHAMBERS	08/23/2011
KAREN M. CROSS	08/15/2011
MICHAEL KIM	08/18/2011
NICK GEDGE	08/17/2011
DANIEL FREDERICK PENN	08/23/2011
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EDWARD MARK TECOT	08/17/2011
JEREMY C. WALTMUNSON	08/18/2011

#### **RECEIVING PARTY DATA**

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Property Type	Number
Application Number:	15436437

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ATTORNEY DOCKET NUMBER: 14917.1877USC1/333187USC1

> **PATENT REEL: 041299 FRAME: 0796**

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NAME OF SUBMITTER:	ANDREW T. POUZESHI	
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DATE SIGNED:	02/20/2017	
Total Attachments: 10		
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PATENT REEL: 041299 FRAME: 0797 M&G/MS Docket No.: 14917.1877us01/333187.01

#### PATENT ASSIGNMENT

I/WE, Michael Bodell, John Bain, Robert Chambers, Karen M. Cross, Michael Kim, Nick Gedge, Daniel Frederick Penn, Kunal Patel, Edward Mark Tecot, And Jeremy C. Waltmunson ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING MULTIPLE MODALITY INPUT TO FEEDBACK CONTEXT FOR NATURAL LANGUAGE UNDERSTANDING" ("APPLICATION"), which:

	will be filed without this executed PATENT ASSIGNMENT.
	ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal
	representatives, of the Law and Corporate Affairs Department,
	Microsoft Corporation, One Microsoft Way, Redmond,
	Washington 98052, who are associated with customer number
	27488, to insert here in parenthesis (Application No
	, filed) this APPLICATION's Application No. and
	filing date, when known;
	was filed on and was given Application No
	;
X	is filed concurrently herewith:

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Mon Boul Inventor's Signature	August 16, 2011 Date
Michael Bodell	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
John Bain	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature  Robert Chambers	August 23, 2011  Date
Printed Name in English	Printed Name in Native Language (if other than English)

M&G/MS Docket No.: 14917.1877us01/333187.01

### PATENT ASSIGNMENT

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	Date
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Lohn Bai	8-24-2011
Inventor's Signature	Date
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John Bain Printed Name in English	Printed Name in Native Language (i other than English)
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Robert Chambers	
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XanM	8/15/11
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Karen M. Cross	
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Michael Kim	
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Inventor's Signature	Date
Nick Gedge	
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Karen M. Cross	
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Michael Kim	
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Inventor's Signature	Date
Nick Gedge	
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Inventor's Signature	Date
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Inventor's Signature	Date
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M&G/MS Docket No.: 14917.1877us01/333187.01

An O.C.	08/18/11
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