PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Larry Paul Heck	03/25/2011
Madhusudan Chinthakunta	03/25/2011
David Mitby	03/29/2011
Lisa Stifelman	03/25/2011

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13077431

CORRESPONDENCE DATA

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Address Line 4: Minneapolis, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.1649US01/331339.01
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NAME OF SUBMITTER: C. Blake Sorensen

Total Attachments: 4

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M&G/MS Docket No.: 14917.1649US01/331339.01

PATENT ASSIGNMENT

I/WE, Larry Paul Heck, Madhusudan Chinthakunta, David Mitby, and Lisa Stifelman ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUGMENTED CONVERSATIONAL UNDERSTANDING ARCHITECTURE" ("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 March 31, 2011 and was given Application No.
	<u>13/077,431</u> ;
	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);

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).

Printed Name in English	Printed Name in Native Language (if
Larry Paul Heck	4394
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Apventor's Signature	Date the first respective
Andrew Commence	3/25/14

Inventor's Signature Date

Madhusudan Chinthakunta

Printed Name in English Printed Name in Native Language (if other than English)

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PATENT ASSIGNMENT

Inventor's Signature	<u> </u>
David Mitby	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Lisa Stifelman	
Printed Name in English	Printed Name in Native Language (if other than English)

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PATENT ASSIGNMENT

Inventor's Signature	Date
David Mitby	
Printed Name in English	Printed Name in Native Language (i other than English)
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La Galelina	3/25/11
Inventor's Signature	Date

other than English)