502749248 04/01/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARTHUR C. LEONARD	12/19/2009
SYED MUHAMMAD MUJAHID HASAN	12/18/2009

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:	14242716

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	328111.02	
NAME OF SUBMITTER:	BRYAN S. WADE	
SIGNATURE:	/Bryan S. Wade, #58,228/	
DATE SIGNED:	04/01/2014	

Total Attachments: 2

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PATENT 502749248 REEL: 032577 FRAME: 0201

PATENT ASSIGNMENT

I/WE, Arthur C. Leonard and Syed Muhammad Mujahid Hasan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Dictionary-Based Dependency Determination" ("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 69316, to insert here in parenthesis (Application No.		
	12/645,389, filed		
	filing date, when known;		
	was filed on and was given Application No;		
	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).

QQQest	Damber 19,2009	
Inventor's Signature	Date	
Art Leonard ARTHUR C. LEONARD		
Printed Name in English	Printed Name in Native Language (if other than English)	

MS Docket No.: 328111.01

PATENT ASSIGNMENT

MS Docket No.: 328111.01

Inventor's Signature Date

Syed Muhammad Mujahid Hasan

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