

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2974957

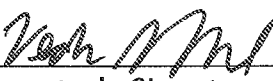
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VEDRANA NOVOSEL	05/29/2014
NICHOLAS ROBINSON	07/28/2014
EVAN MALAHY	08/04/2014
ZACHARY GUTT	07/30/2014
RONALD MORRIS	05/28/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT CORPORATION
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14297307
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)489-4150
<i>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.</i>	
<b>Phone:</b>	4154894100
<b>Email:</b>	lmiller@vierramagen.com
<b>Correspondent Name:</b>	VIERRA MAGEN MARCUS LLP
<b>Address Line 1:</b>	575 MARKET STREET, SUITE 3750
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94105
<b>ATTORNEY DOCKET NUMBER:</b>	MSFT-01746US1
<b>NAME OF SUBMITTER:</b>	BRIAN I. MARCUS
<b>SIGNATURE:</b>	/Brian I. Marcus/
<b>DATE SIGNED:</b>	08/08/2014
<b>Total Attachments: 10</b>	
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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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).



Inventor's Signature

5/29/14

Date

Vedrana Novosel

Printed Name in English

Printed Name in Native Language  
(if other than English)

I Nicholas Robinson ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC GROUPING IN SEARCH" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on June 5, 2014 and was given Application No 14/297,307 by the following Office "U.S. Patent Office";


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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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 _____ Inventor's Signature	<u>7/28/2014</u> _____ Date
<u>Nicholas Robinson</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Evan Malahy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC GROUPING IN SEARCH" ("APPLICATION"), which:

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	8/4/2014
Inventor's Signature	Date
Evan Malahy	
Printed Name in English	Printed Name in Native Language (if other than English)



I Zachary Gutt ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC GROUPING IN SEARCH" ("APPLICATION"), which:

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 Inventor's Signature	<u>7/30/2014</u> Date
<u>Zachary Gutt</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Ronald Morris ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEMANTIC GROUPING IN SEARCH" ("APPLICATION"), which:

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☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office " \_\_\_\_\_";

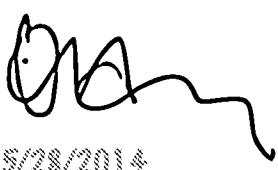
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Inventor's Signature	
Ronald Morris	Date 5/28/2014
Printed Name in English (if other than English)	Printed Name in Native Language RONALD MORRIS