

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2941864

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PASCAL MENEZES	12/15/2010
MARCO PIUMATTI	12/15/2010
UPSHUR W. PARKS	07/16/2014
RAVI RAO	12/15/2010
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14318380
<b>Application Number:</b>	13844932
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	330919.05 / 330919.04
<b>NAME OF SUBMITTER:</b>	DAVIN CHIN
<b>SIGNATURE:</b>	/Davin Chin/
<b>DATE SIGNED:</b>	07/16/2014
<b>Total Attachments: 4</b>	
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PATENT ASSIGNMENT

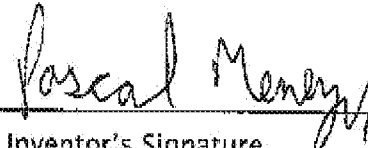
I/WE, Pascal Menezes; Marco Piumatti; Upshur W. Parks; and Ravi Rao ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPERATING SYSTEM SUPPORTING COST AWARE APPLICATIONS" ("APPLICATION"), which:


- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, who are associated with customer number 45840, to insert here in parenthesis (Application No. 12/972230, filed December 17, 2010) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on and was given Application No. Not Yet Assigned;
- ☐ 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");

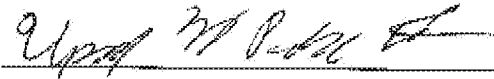
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

 Dec 15/2010 Pascal Menezes  
Inventor's Signature Date Printed Name in Native Language

 12/15/2010 Marco Piumatti  
Inventor's Signature Date Printed Name in Native Language

PATENT ASSIGNMENT



Upshur W. Parks

Inventor's Signature

Date

Printed Name in Native Language



Dec 15/2010

Ravi Rao

Inventor's Signature

Date

Printed Name in Native Language

Inventor's Signature

Date

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Inventor's Signature

Date

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Inventor's Signature

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**PATENT ASSIGNMENT**

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- ☒ was filed on December 17, 2010 and was given Application No. 12/972,230;
- ☐ 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"));

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		Pascal Menezes
Inventor's Signature	Date	Printed Name in Native Language
		Marco Piumatti
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENT

Upshur W. Parks 5/23/2011 Upshur W. Parks  
Inventor's Signature Date Printed Name in Native Language

Ravi Rao  
Inventor's Signature Date Printed Name in Native Language