502895266 07/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2941864

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PASCAL MENEZES	12/15/2010
MARCO PIUMATTI	12/15/2010
UPSHUR W. PARKS	07/16/2014
RAVI RAO	12/15/2010

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14318380
Application Number:	13844932

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	330919.05 / 330919.04
NAME OF SUBMITTER:	DAVIN CHIN
SIGNATURE:	/Davin Chin/
DATE SIGNED:	07/16/2014

Total Attachments: 4

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PATENT REEL: 033328 FRAME: 0858

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).

(oscal Unly) UC 15/20/6 Pascal Menezes

Inventor's Signature

Date

Printed Name in Native Language

Inventoria Ciantonia

Marco Piumatti

Date

Printed Name in Native Language

PATENT ASSIGNMENT

Upy Meda		Upshur W. Parks
Inventor's Signature	Date	Printed Name in Native Language
y will	Dec 15/2010	Ravi Rao
/inventor's Signature	Date	Printed Name in Native Language
		The state of the s
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language
Inventor's Signature	Date	Printed Name in Native Language

REEL: 033328 FRAME: 0860

MS Docket No. 330919.01 (OC Docket No. M1103.70919US00)

PATENT ASSIGNMENT

("ASSIGNOR") a patent appl	, have invented subje	ct matter ("II ATING SYST	Upshur W. Parks; and Ravi Rao NVENTION") disclosed and/or claimed in EM SUPPORTING COST AWARE
	hereby authorizes, a Wolf, Greenfield & S who are associated parenthesis (Applica	and requests acks, P.C., 6 with custom ation No	ed PATENT ASSIGNMENT. ASSIGNOR , ASSIGNEE'S legal representatives, of 00 Atlantic Avenue, Boston, MA 02210, er number 45840, to insert here in, filed) No. and filing date, when known;
Ø	was filed on December 12/972,230;	per 17, 2010	and was given Application No.
	filed concurrently he	erewith;	
successors are entire and executive and all other applications, ("APPLICATION For good acknowledged the ASSIGNEE,	id assigns ("ASSIGNEE clusive rights, title an applications and pate in and for the United N DERIVATIVES"); and valuable consi I by the ASSIGNOR, th	"), is entitled d interest in ents derived States, its te deration, the ne ASSIGNOR sive rights, t	rporation, on behalf of itself and its d to, and is desirous of acquiring, the the INVENTION and the APPLICATION therefrom, such as continuing critories, and all foreign countries e receipt of which is hereby thereby sells, assigns and transfers to itle and interest in the INVENTION and (ES):
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).			
Market William Control		and the state of t	Pascal Menezes
Inventor's Sign	ature	Date	Printed Name in Native Language
			Marco Piumatti
Inventor's Sign	ature	Date	Printed Name in Native Language

PATENT REEL: 033328 FRAME: 0861

MS Docket No. 330919.01 (OC Docket No. M1103.70919US00)

PATENT ASSIGNMENT

Upshi Tlasto R	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