503813325 05/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3859973

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID TENNYSON HARPER III	09/09/2010
ERIC C PETESON	09/08/2010
SHAUN L HARRIS	09/08/2010
CHRISTIAN L 09/08/2010	09/08/2010

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:	15144075

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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ONE MICROSOFT WAY

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ATTORNEY DOCKET NUMBER:	330026.02
NAME OF SUBMITTER:	MICHAEL J. MEDLEY
SIGNATURE:	/Michael J. Medley/
DATE SIGNED:	05/05/2016

Total Attachments: 4

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PATENT 503813325 REEL: 038475 FRAME: 0568

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PATENT REEL: 038475 FRAME: 0569

PATENT ASSIGNMENT

I/WE, David Tennyson Harper III, Eric C. Peterson, Shaun L. Harris, and Christian L. Belady ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MANAGING COMPUTATIONAL WORKLOADS OF COMPUTING APPARATUSES POWERED BY RENEWABLE RESOURCES" ("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. $\frac{12/881187}{}$, filed $\frac{09/14/2010}{}$) this APPLICATION's Application No. and
	filing date, when known;
	was filed on;
	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).

DS/160	9/9/10
Inventor's Signature	Date
David Tennyson Harper III	
Printed Name in English	Printed Name in Native Language (if
	other than English)

MS Docket No.: 330026.01

PATENT ASSIGNMENT MS Docket No.: 330026.01

Eric C. Glotsen Inventor's Signature	<u>9/8/10</u> Date
Eric C. Peterson	
Printed Name in English	Printed Name in Native Language (if other than English)
 Inventor's Signature	Date
Shaun L. Harris	
Printed Name in English	Printed Name in Native Language (if other than English)
Chut J. Belg Inventor's Signature	9/8/10 Date
Christian L. Belady	Duic
Printed Name in English	Printed Name in Native Language (if

other than English)

PATENT ASSIGNMENT MS Docket No.:330026.01

L. Belady("ASSIGNOR"), have invented subj claimed in a patent application entitled "MA COMPUTING APPARATUSES	·	
RESOURCES"("APPLICATION"), which:		
🗷 willbe filed without thise	executed PATENT ASSIGNMENT.ASSIGNOR	
hereby authorizes, and re	quests, ASSIGNEE'S legal representatives,	
ofthe Law and Corporate A	Affairs Department, Microsoft Corporation,	
One Microsoft Way, Redmo	ond, Washington98052,who are associated	
	69316, to insert here in parenthesis	
(Application No. ^{12/881187} ,file	d_09/14/2010_)this APPLICATION's	
Application No. and filing da	ate,when known;	
\square was filed onand	was given Application No;	
\square is filed concurrently herewit	h;	
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring,the entireand exclusive rights, title and interest in the INVENTIONand 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 transfersto the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION(andAPPLICATION DERIVATIVES); ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION(andAPPLICATION DERIVATIVES), for litigation regarding letters patentderived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (andAPPLICATION DERIVATIVES).		
Inventor's Signature	Date	
_David Tennyson Harper III		
Printed Name in English	Printed Name in Native Language (if	

Page 1 of 2

other than English)

PATENT ASSIGNMENT MS Docket No.:330026.01

Inventor's Signature	Date
Eric C. Peterson	
Printed Name in English	Printed Name in Native Language (if other than English)
s Inventor's Signature	
inventor 3 Signature	Date
Shaun L. Harris	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Christian L. Belady	
Printed Name in English	Printed Name in Native Language (if other than English)