PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3857203

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC HORVITZ	06/28/2011
STELIOS PAPARIZOS	06/28/2011
ROGER BARGA	06/29/2011
DOUG BURGER	06/27/2011
VINAY GUPTA	06/28/2011

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:	15059714

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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ASSAL MEFTAHI Correspondent Name:

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PATENT GROUP DOCKETING DEPT Address Line 2: Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	332809.08	
NAME OF SUBMITTER:	CATHERINE POLANCE	
SIGNATURE:	/Catherine Polance/	
DATE SIGNED:	05/03/2016	
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Total Attachments: 8

PATENT REEL: 038448 FRAME: 0377

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PATENT REEL: 038448 FRAME: 0378

I/WE, Eric Horvitz, Stelios Paparizos, Roger Barga, Doug Burger, and Vinay Gupta ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PERSONAL LONG-TERM AGENT FOR PROVIDING MULTIPLE SUPPORTIVE SERVICES" ("APPLICATION"), which: | X | 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 $\underline{^{69316}}$, to insert here in parenthesis (Application No. $\underline{^{13/174252}}$, filed $\underline{^{06/30/2011}}$) this APPLICATION's Application No. and 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). June 28, 2011 Inventor's Signature Date

Eric Horvitz

Printed Name in English

Printed Name in Native Language (if

PATENT ASSIGNMENT MS Docket No.: 332809.01

	6/28/4/	
Inventor's Signature	Date	
Stelios Paparizos	Exilio Therefly	
Printed Name in English	Printed Name in Native Language (if	
	other than English)	
Inventor's Signature	Date	
Roger Barga		
Printed Name in English	Printed Name in Native Language (if	
****	other than English)	
Inventor's Signature	Date	
D D		
Doug Burger Printed Name in English	Printed Name in Native Language (if	
	other than English)	
Inventor's Signature	Date	
Vinay Gupta		
Printed Name in English	Printed Name in Native Language (if	
	other than English)	

PATENT ASSIGNMENT MS Docket No.: 332809.01

("ASSIGNOR"), have invented subject may a patent application entitled "PERSONAL SUPPORTIVE SERVICES" ("APPLICATION") X will be filed without the hereby authorizes, and the Law and Corporate Microsoft Way, Redmon customer number 6931 No. \frac{13/174252}{13/174252}, filed \frac{06/30}{06/300} filing date, when known	requests, ASSIGNEE'S legal representatives, of Affairs Department, Microsoft Corporation, One ed, Washington 98052, who are associated with 6, to insert here in parenthesis (Application /2011_) this APPLICATION's Application No. and and as and was given Application No;
successors and assigns ("ASSIGNEE"), i entire and exclusive rights, title and in (and all other applications and pate applications, in and for the United St ("APPLICATION DERIVATIVES")); For good and valuable cons acknowledged by the ASSIGNOR, the A the ASSIGNEE, the entire and exclusive the APPLICATION (and APPLICATION DEI ASSIGNOR agrees to execute all making and prosecution of the APPLICATION of the APPLICATION of	instruments and documents required for the ICATION (and APPLICATION DERIVATIVES), for ed therefrom, and for the purpose of protecting
Inventor's Signature Eric Horvitz	Date Delinted Name in Native Language (if
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 2

nventor's Signature	Date		
Stelios Paparizos			
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Roger S. Bay	6/29/2011		
Noger S. Egg —— nventor's Signature	Date		
loger Barga			
Printed Name in English	Printed Name in Native Language (if other than English)		
nventor's Signature	Date		
Doug Burger Printed Name in English	Printed Name in Native Language (if other than English)		
nventor's Signature	Date		
/inay Gupta			
Printed Name in English	Printed Name in Native Language (if		

Page 2 of 2

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("ASSIGNOR"), have invented subject matta patent application entitled "PERSONAL L SUPPORTIVE SERVICES" ("APPLICATION"), was will be filed without this hereby authorizes, and rethe Law and Corporate Af Microsoft Way, Redmond, customer number No. 13/174252, filed 06/30/203 filling date, when known;	executed PATENT ASSIGNMENT. ASSIGNOR equests, ASSIGNEE'S legal representatives, of ffairs Department, Microsoft Corporation, One, Washington 98052, who are associated with _, to insert here in parenthesis (Application of this APPLICATION's Application No. and and was given Application No;
successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and interest (and all other applications and patent applications, in and for the United State ("APPLICATION DERIVATIVES")); For good and valuable conside acknowledged by the ASSIGNOR, the ASSIGNOR, the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVATION agrees to execute all is making and prosecution of the APPLICATION.	nstruments and documents required for the ATION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting
Inventor's Signature Eric Horvitz	Date
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Page 1 of 2

Inventor's Signature	Date
Stelios Paparizos	
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Inventor's Signature	Date
Roger Barga	
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	other than English)
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1/1/1/6/4	1 6/27/11
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Doug Burger	
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	other than English)
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Inventor's Signature	Date
Vinay Gupta	·
Printed Name in English	Printed Name in Native Language (if

other than English)

PATENT.	<u>ASSIGNMENT</u>	MS Docket No.: <u>332809.01</u>
I/WE, Eric Horvitz, Stelios Papariz ("ASSIGNOR"), have invented subject ma a patent application entitled "PERSONAL SUPPORTIVE SERVICES" ("APPLICATION"), will be filed without th	atter ("INVENTION" LONG-TERM AGE , which:	') disclosed and/or claimed in
		IEE'S legal representatives, of
		nt, Microsoft Corporation, One
customer number	⁶ , to insert her ²⁰¹¹) this APPLIC	052, who are associated with e in parenthesis (Application ATION's Application No. and
was filed on		pplication No;
is filed concurrently herewith;		
(and all other applications and pate applications, in and for the United St ("APPLICATION DERIVATIVES")); For good and valuable constacknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive the APPLICATION (and APPLICATION DEF ASSIGNOR agrees to execute all making and prosecution of the APPLI litigation regarding letters patent derive and perfecting title to the APPLICATION	ideration, the new states, its territorical ideration, the new states of the states and instruments and CATION (and AP and therefrom, and	es, and all foreign countries eceipt of which is hereby sells, assigns and transfers to nterest in the INVENTION and documents required for the PLICATION DERIVATIVES), for for the purpose of protecting
Inventor's Signature Eric Horvitz	- Date	
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Page 1 of 2

other than English)

MS Docket No.: 332809.01

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Stelios Paparizos	
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Roger Barga	
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Printed Name in English	Printed Name in Native Language (if
	other than English)
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	6-28-11
Inventor's Signature	Date
Vinay Gupta	
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