504178432 01/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4225111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANE J. LANDRY	12/13/2011
ANNE K. SULLIVAN	12/13/2011
LISA J. STIFELMAN	12/12/2011
ADAM D. ELMAN	12/12/2011
LARRY PAUL HECK	12/13/2011
SARANGARAJAN PARTHASARATHY	12/13/2011

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:	15405920

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:	14917.2779USC2/334941USC2
NAME OF SUBMITTER:	DYLAN J. NELSON
SIGNATURE:	/Dylan J. Nelson/
DATE SIGNED:	01/13/2017

Total Attachments: 12

PATENT REEL: 040974 FRAME: 0667

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source=2017_01_13_ASSGNMT_INVNTRS_TO_MSFT_14917_2779USC2#page6.tif
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PATENT REEL: 040974 FRAME: 0668

PATENT ASSIGNMENT

I/WE, Shane J. Landry, Anne K. Sullivan, Lisa J. Stifelman, Adam D. Elman, Larry Paul Heck, and Sarangarajan Parthasarathy ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SUGGESTING INTENT FRAME(S) FOR USER REQUEST(S)" ("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
	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).

Inventor's Signature Shane J. Landry	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 334941.01

Anne K. Sullwani	12/13/11
nventor's Signature	Date
Anne K. Sullivan	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Lisa J. Stifelman	
Printed Name in English	Printed Name in Native Language (if other than English)
AB3000000000000000000000000000000000000	3.0.00000000000000000000000000000000000
Inventor's Signature	Date
.** 	Date
Inventor's Signature Adam D. Elman Printed Name in English	Date Printed Name in Native Language (if other than English)
Adam D. Elman Printed Name in English Inventor's Signature	Printed Name in Native Language (if
Adam D. Elman Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Sarangarajan Parthasarathy	
Printed Name in English	Printed Name in Native Language (if
	other than English)

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Inventor's Signature	Date
Shane J. Landry	
Printed Name in English	Printed Name in Native Language (if
	other than English)

PATENT ASSIGNMENT

Inventor's Signature	Date	
Anne K. Sullivan		
Printed Name in English	Printed Name in Native Language (if other than English)	
100 9 H/1/na.	12/12/11	
Inventor/s Signature		cuic
Lisa J. Stifelman		
Printed Name in English	Printed Name in Native Language (if other than English)	
Inventor's Signature	Date	
Adam D. Elman		
Printed Name in English	Printed Name in Native Language (if other than English)	
Inventor's Signature	Date	
Larry Paul Heck		
Printed Name in English	Printed Name in Native Language (if	

Page 2 of 3

other than English)

MS Docket No.: 334941.01

Inventor's Signature	Date
Sarangarajan Parthasarathy	
Printed Name in English	Printed Name in Native Language (if other than English)

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	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. 13/327,305 , filed 12/15/2011) this APPLICATION's					
	Application No. and filing date, when known;					
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Inventor's Signature	Date	
Shane J. Landry		
Printed Name in English	Printed Name in Native Language (if	
	other than English)	

nventor's Signature	Date		
Anne K. Sullivan			
Printed Name in English	Printed Name in Native Language (if other than English)		
Inventor's Signature	Date		
Lisa J. Stifelman			
Printed Name in English	Printed Name in Native Language (if other than English)		
Oda DQ	12/12/2011		
Inventor's Signature	Date		
Adam D. Elman			
Printed Name in English	Printed Name in Native Language (if other than English)		
Inventor's Signature	Date		
Larry Paul Heck			
Printed Name in English	Printed Name in Native Language (if		

other than English)

Inventor's Signature	Date		
Sarangarajan Parthasarathy			
Printed Name in English	Printed Name in Native Language (if		
	other than English)		

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Inventor's Signature	Date	
Shane J. Landry		
Printed Name in English	Printed Name in Native Language (if	
	other than English)	

MS Docket No.: 334941.01

	PATENT ASSIGNMENT	MS Docket No.: <u>3349</u>
nventor's Signature	Date	
Anne K. Sullivan		
Printed Name in English	Printed Nar other than	ne in Native Language (if English)
nventor's Signature	Date	
Lisa J. Stifelman		
Printed Name in English	Printed Nar other than	ne in Native Language (if English)
nventor's Signature	Date	
Adam D. Elman		
Printed Name in English	Printed National Other than	me in Native Language (if English)
Land Holl	/	
nventor's Signature		1
Larry Paul Heck		
Printed Name in English	Printed Nar other than	ne in Native Language (if English)

PATENT REEL: 040974 FRAME: 0679

	PATENT ASS	GNMENT	MS Docket No.:	334941.01
S. Parmasaratty		12/13/2011		
Inventor's Signature		Date		
Sarangarajan Parthasarathy	3 -3-3-	SARANG ARAJAN	PARTHASARATH	17
Printed Name in English	·	Printed Name in other than Englis	Native Language (i <u>h)</u>	f
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·	Page	3 of 3		

PATENT REEL: 040974 FRAME: 0680

RECORDED: 01/13/2017