502611087 12/20/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2657550

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL MARANTZ	08/05/2013
ARUN CHUN-WIN YUEN	08/01/2013
GAURANG P. PRAJAPATI	08/01/2013
PARTHASARATHY GOVINDARAJEN	12/17/2013
KUANSAN WANG	11/21/2013
YU-TING KUO	12/12/2013
ARUN KUMAR SACHETI	12/03/2013
YIN-CHENG TING	08/22/2013

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:	13911844

CORRESPONDENCE DATA

 Fax Number:
 (816)421-5547

 Phone:
 816-474-6550

 Email:
 brush@shb.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: ANTHONY B. WINGROVE

Address Line 1: SHOOK, HARDY & BACON L.L.P.

Address Line 2: 2555 GRAND BLVD.

Address Line 4: KANSAS CITY, MISSOURI 64108

PATENT

REEL: 031832 FRAME: 0799

OF \$40.00 13911844

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ATTORNEY DOCKET NUMBER:	338258.02/MFCP.179914
NAME OF SUBMITTER:	ANTHONY B. WINGROVE
Signature:	/Anthony B. Wingrove/
Date:	12/20/2013
Total Attachments: 16 source=FULLY_EXECUTED_ASSIGNMEN	T#page2.tif T#page3.tif T#page4.tif T#page5.tif T#page6.tif T#page7.tif T#page8.tif T#page8.tif T#page9.tif T#page10.tif T#page11.tif T#page12.tif T#page12.tif T#page13.tif T#page13.tif T#page14.tif

I, DANIEL MARANTZ ("ASSIGNOR") am an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "SEARCH INTENT PREVIEW, DISAMBIGUATION, AND REFINEMENT" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with customer number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on and given Application No by the following Office (US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
was filed on June 6, 2013 and was given Application No. 13/911,844 by the following Office (US – United States Patent and Trademark Office);
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"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;
Application No. Filing Date Office

Page 1 of 2

5552239 v1

MS Docket No. 338258.02 (OC Docket No. MFCP.179914)

PATENT ASSIGNMENT

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, ASSIGNOR's 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).

D. Mart	Aug 5/2013
DANIEL MARANTZ	Date
Dauiel Marantz Printed Name in English	Printed Name in Native Language (if other than English)

matter ("INVENTION") disclosed		
ASSIGNEE'S legal Grand Blvd., Kar customer number here in parenthes No.	representatives, of Shook isas City, Missouri 6410 45809 (ASSIGNEE'S LEGA ses (filed on by the following Office) this APPLICATION's App	vauthorizes, and requests, and requests, Hardy & Bacon L.L.P., 2555)8, who are associated with L REPRESENTATIVES), to insert and given Application (US – United States Patent and plication No., filing date, and
	the following Office (US	was given Application No. – United States Patent and
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and e and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	
Application No.	Filing Date	Office

Page 1 of 2

5552270 v1

MS Docket No. 338258.02 (OC Docket No. MFCP.179914)

PATENT ASSIGNMENT



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, ASSIGNOR's 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).

AL	8/1/2013
AARON CHUN-WIN YUEN	Date
Aaron Chun-Win Ymen	
Printed Name in English	Printed Name in Native Language (if other than English)

I, GAURANG P. PRAJAPA matter ("INVENTION") disclosed entitled "SEARCH INTENT ("APPLICATION"), which:	l and/or claimed in a non	• • • • • • • • • • • • • • • • • • • •
ASSIGNEE'S legal Grand Blvd., Kar customer number here in parenthes No.	representatives, of Shook isas City, Missouri 6410 45809 (ASSIGNEE'S LEGA ses (filed on by the following Office) this APPLICATION's App	vauthorizes, and requests, and requests, Hardy & Bacon L.L.P., 2555 and are associated with L REPRESENTATIVES), to insert and given Application (US – United States Patent and plication No., filing date, and
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GAURANG P. PRAJAPATI

GAURANG PRAJAPATI

Printed Name in English

8-1-2013

Date

शेशंग प्रशपति

Printed Name in Native Language (if other than English)

I, PARTHASARATHY GOV of subject matter ("INVENTION application entitled "SEARCH I ("APPLICATION"), which:	") disclosed and/or claim		
ASSIGNEE'S legal Grand Bivd., Kar customer number here in parenthe: No.	representatives, of Shook nsas City, Missouri 6410 45809 (ASSIGNEE'S LEGA ses (filed on by the following Office) this APPLICATION's App	authorizes, and requests, Hardy & Bacon L.L.P., 2555 K, who are associated with L REPRESENTATIVES), to insert and given Application (US – United States Patent and plication No., filing date, and	
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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")):			
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;			
Application No.	Filing Date	Office	
			
	NAME UP-		

Page 1 of 2

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PARTHASARATHY GOVINDARAJEN

Date

PARTHACARATHY C. LLINADATEN

Printed Name in English

Printed Name in Native Language

12/17/2013

(if other than English)

I, KUANSAN WANG ("ASS	IGNOR") am an original jo	oint inventor of subject matter
("INVENTION") disclosed and/or	r claimed in a nonprovisio	nal patent application entitled
"SEARCH INTENT PREVIEW, D	ISAMBIGUATION, AND R	EFINEMENT" ("APPLICATION"),
which:		
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ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office
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Page 1 of 2

5552277 v1

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, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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KUANSAN WANG

Printed Name in English

Date - 12013

Printed Name in Native Language (if other than English)

I, YU-TING KUO ("ASSIG	NOR") am an original joi	nt inventor of subject matter
("INVENTION") disclosed and/or	r claimed in a nonprovisio	nal patent application entitled
"SEARCH INTENT PREVIEW, D	ISAMBIGUATION, AND R	EFINEMENT" ("APPLICATION"),
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ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	
Application No.	Filing Date	Office
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Page 1 of 2

5552281 v1

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, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES):

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YU-TING KUO

YU-TING KUO

Printed Name in English

12/12/13

Date

郭星廷

Printed Name in Native Language (if other than English)

matter ("INVENTION") disclosed		
ASSIGNEE'S legal Grand Blvd., Kar customer number here in parenthes No.	representatives, of Shook isas City, Missouri 6410 45809 (ASSIGNEE'S LEGA ses (filed on by the following Office) this APPLICATION's App	/ authorizes, and requests, c, Hardy & Bacon L.L.P., 2555 08, who are associated with L REPRESENTATIVES), to insert and given Application (US – United States Patent and plication No., filing date, and
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Page 1 of 2

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		in and a second
1 South	12/3/13	
ARUN KUMAR SACHETI	Date	`
ARUM SACHETI		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

("INVENTION") disclosed and/or	,	oint inventor of subject matter nal patent application entitled
"SEARCH INTENT PREVIEW, D	•	
which:	13,1111313311, 71113	, , , , , , , , , , , , , , , , , , ,
will be fi ASSIGNEE'S legal Grand Blvd., Kar customer number here in parenthes No. Trademark Office Office, when know	representatives, of Shook isas City, Missouri 6410 45809 (ASSIGNEE'S LEGA ses (filed on by the following Office) this APPLICATION's App vn; on June 6, 2013 and the following Office (US	authorizes, and requests, Hardy & Bacon L.L.P., 25558, who are associated with L REPRESENTATIVES), to insert and given Application (US – United States Patent and blication No., filing date, and was given Application No. – United States Patent and
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Page 1 of 2

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YIN-CHENG TING

YIN-CHENG TING

Printed Name in English

2013/08/22

Date

Printed Name in Native Language

(if other than English)

RECORDED: 12/20/2013