504416370 06/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4463070

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MADANLAL S. MUSUVATHI	06/01/2017
TODD D. MYTKOWICZ	06/01/2017
SAEED MALEKI	06/01/2017
YUFEI DING	05/25/2017

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15624555

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.

Email: usdocket@microsoft.com

Correspondent Name: NEWPORT IP, LLC

Address Line 1: 1400 112TH AVE SE, SUITE 100
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9020US
NAME OF SUBMITTER:	PAOLA SEVERICH
SIGNATURE:	/Paola Severich/
DATE SIGNED:	06/15/2017

Total Attachments: 8

source = Assignment # page 1.tif

source=Assignment#page2.tif

source = Assignment # page 3.tif

source=Assignment#page4.tif

PATENT REEL: 042728 FRAME: 0162



PATENT REEL: 042728 FRAME: 0163

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

I <u>Madanial S. MUSUVATHI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETERMINING A LIKELIHOOD OF A USER INTERACTION WITH A CONTENT ELEMENT" ("APPLICATION"), which:

oximes will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LLC., One Microsoft Way, Redmond, Washington 98052
(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
parentheses (filed on and given Application
No by the following Office <u>US - United States</u>
Patent and Trademark Office) this APPLICATION's Application No.,
filing date, and Office, when known;
was filed on and was given Application No_by the
following Office "US - United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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.	;	Office	

Page 1 of 2

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

<u> </u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
i y		:
!		i I
1		•
l i		,
i v		<u> </u>

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Sand Just	Jun 1 2017
Inventor's Signature	Date
Madanial S. MUSUVATHI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

I <u>Todd D. MYTKOWICZ</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETERMINING A LIKELIHOOD OF A USER INTERACTION WITH A CONTENT ELEMENT" ("APPLICATION"), which:

Swill be filed. ASSIGNOR hereby authorizes, and request:	s,
SSIGNEE'S legal representative, Microsoft Technology Licensing	
LC., One Microsoft Way, Redmond, Washington 9805	2
ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here i	n
arentheses (filed on and given Applicatio	n
io by the following Office <u>US – United State</u>	2
atent and Trademark Office) this APPLICATION's Application No	.,
ling date, and Office, when known;	
I was filed on and was given Application No _ by the	
ollowing Office " <u>US - United States Patent and Trademark Office</u> ";	

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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	
	·		***************************************
	·		***************************************
<u></u>			Mumm

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

| Color | Colo

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

I <u>Saeed MALEKI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETERMINING A LIKELIHOOD OF A USER INTERACTION WITH A CONTENT ELEMENT" ("APPLICATION"), which:

🖾 will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LLC., One Microsoft Way, Redmond, Washington 98052
(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
parentheses (filed on and given Application
No by the following Office <u>US - United States</u>
Patent and Trademark Office) this APPLICATION's Application No.,
filing date, and Office, when known;
☐ was filed on and was given Application No _ by the
following Office "US - United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

	***********	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	mananamanananananananananananananananan
			3	
		•	3	
· · · · · · · · · · · · · · · · · · ·	()		3	
· · · · · · · · · · · · · · · · · · ·	Y		₹	
	(2 11		5	

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Saar Jalli	
Inventor's Signature	Date
Saeed MALEKI	CALA AARAM
Printed Name in English	Printed Name in Native Language
	(If other than English)

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

I <u>Yufei DING</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETERMINING A LIKELIHOOD OF A USER INTERACTION WITH A CONTENT ELEMENT" ("APPLICATION"), which:

$\overline{oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{ol}oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}} $
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LC., One Microsoft Way, Redmond, Washington 98052
ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
parentheses (filed on and given Application
No by the following Office <u>US – United States</u>
Patent and Trademark Office) this APPLICATION's Application No.,
iling date, and Office, when known;
\square was filed on $__$ and was given Application No $_$ by the
following Office "US - United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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

Client Docket No.: 400532-US-NP Attorney Docket No.: MS1-9020US

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Gufei Ding	05/25/2017
Inventor's Signature	Date
Yufei DING	丁雨霏
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 06/15/2017