## 505701004 10/01/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5747814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIAH SIGOURNEY MOON	09/25/2019
SICHEN LU	09/25/2019
VANGURI MADHURI	09/25/2019
LUKASZ ZYGMUNT MAKAR	09/25/2019
RAVI GUPTA	09/30/2019
JASON ANTHONY GRIEVES	09/25/2019
CAROLINA HERNANDEZ	09/25/2019
ELBIO RENATO TORRES ABIB	10/01/2019
JANE JAYOUNG YOON	09/30/2019

### **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16589522

#### **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.

**Phone:** 425-538-9035

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 406823-US-NP

PATENT REEL: 050585 FRAME: 0679

505701004

NAME OF SUBMITTER:	JEFFREY R. SADLOWSKI
SIGNATURE:	/Jeffrey R. Sadlowski/
DATE SIGNED:	10/01/2019

#### **Total Attachments: 18**

source=406823-US-NP-Assignment-MTL-All-Inventors#page1.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page2.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page3.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page4.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page5.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page6.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page7.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page8.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page9.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page10.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page11.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page12.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page13.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page14.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page15.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page16.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page17.tif source=406823-US-NP-Assignment-MTL-All-Inventors#page18.tif

> PATENT REEL: 050585 FRAME: 0680

I <u>Elbio Renato Torres ABIB</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

$\boxtimes$	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 October 1, 2019 and given Application
	No. 16/589,522 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 and was given Application
	No by the following 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"));

Application No.	Filing Date	Office	

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

Elbio Renato Torres ABIB

Printed Name in English

10/1/2019

Date

ELBIO RENATO TORRES ABJO

Printed Name in Native Language (if other than English)

I <u>Jason Anthony GRIEVES</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

$\times$	will be filed.	ASSIGNOR	hereby	authorizes,	and	reque	sts,
	ASSIGNEE'S legal	representat	ive, Micro	osoft Techno	logy	Licensi	ing,
	LLC, One Microso	ft Way, Redr	nond, Wa	shington 980	)52 (A	SSIGNE	EE'S
	LEGAL REPRESENT	TATIVES), to	insert he	ere in parent	theses	(filed	on
	October 1, 2019	and given	Applicati	on No. <u>16/5</u>	<u> 89,52</u>	<u>22</u> by	the
	following Office	<u>US – United</u>	States Pa	tent and Tra	<u>ıdema</u>	rk Off	ice)
	this APPLICATION	l's Applicati	on No., fi	ling date, ar	nd Off	ice, w	hen
	known;						
	was filed on	ĉ	and was g	iven Applicat	ion		
	No	by the f	ollowing (	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"));

Application No.	Filing Date	Office

PATEN	IT ASSIGNMENT	MS	S Docket No.:	406823-US-NP

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, 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"));

Inventor's Signature	September 25, 2019
Inventor's Signature	Date
Jason Anthony GRIEVES	
Printed Name in English	Printed Name in Native Language
Fillited Name in Eligibii	
	(if other than English)

I <u>Ravi GUPTA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

Ø	will be filed. ASSIGNEE'S lega				
	LLC, One Micros				· · · · · · · · · · · · · · · · · · ·
	on October	<b>VTATIVES), to</b> r 1, 2019			
	No. 16/589,	<u>522</u> by the f	ollowing Offic	ce <u>US - Un</u>	ited State:
	Patent and Trad filing date, and (			'ION's Appli	cation No.
	was filed on	a	nd was given /	\pplication	
	No	by the fo	llowing Office		
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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"));

Application No.	Filing Date	Office	
			***************************************

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).

XXX 01/30/2019

Inventor's Signature

Ravi GUPTA

Printed Name in English

Date

Drintad Nama in Nativa Lan

Printed Name in Native Language

(if other than English)

l <u>Carolina l</u>	<u>HERNANDEZ</u> ("ASSIGN	IOR") am the origi	nal inventor or an original join
			and/or claimed in a patent pular Link(s)" ("APPLICATION")
ASSI LLC, LEG, on No. <u>Pate</u>	GNEE'S legal repress One Microsoft Way, AL REPRESENTATIVES October 1, 201 16/589,522 by	entative, Microsof Redmond, Washir 5), to insert her 9 and the following Of ffice) this APPLIC	horizes, and requests, ft Technology Licensing, igton 98052 (ASSIGNEE'S e in parentheses (filed given Application fice <u>US – United States</u> ATION's Application No.,
	filed onby 1	the following Offic	
behalf of itself a desirous of acqui right of priority, in patents derived th	nd its successors a ring, the entire and o n the INVENTION and nerefrom, such as co	nd assigns ("ASS exclusive rights, t the APPLICATION ntinuing application	on limited liability company, on IGNEE"), is entitled to, and is little and interest, including the (and all other applications and ons, in whole or in part, in and lign countries ("APPLICATION
REPRESENTATIVES		lication No., filir	uests, ASSIGNEE'S LEGAL
Application No.	Filing I		Office

Page 1 of 2

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Inventor's Signature	09/25/19
	Date / / '
Carolina HERNANDEZ	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Sichen LU</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

$\boxtimes$	will be filed.	ASSIGNOR hereby authorizes, and requests
		representative, Microsoft Technology Licensing
	LLC, One Microso	ft Way, Redmond, Washington 98052 (ASSIGNEE'S
		TATIVES), to insert here in parentheses (filed L, 2019 and given Application
		by the following Office <u>US - United State</u>
		mark Office) this APPLICATION's Application No.
	filing date, and O	ffice, when known;
	was filed on	and was given Application
	No	by the following Office
	s	n. i

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"));

Application No.	Filing Date	Office	
		<b>1</b>	

Sichen Lu	Sep / 25th / 2019
Inventor's Signature	Date
Sichen LU	12 Z. Je
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Vanguri MADHURI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

X	will be filed. ASSIGNOR hereby authorizes, and rec	uests,
	ASSIGNEE'S legal representative, Microsoft Technology Lice	nsing,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSI	SNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses on October 1, 2019 and given Appli	cation
	No. 16/589,522 by the following Office US - United Patent and Trademark Office) this APPLICATION's Applicatio filing date, and Office, when known;	

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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
		1.000

Page 1 of 2

V-Madhuri	09/25/2019
Inventor's Signature	Date
Vanguri MADHURI	వంగూరి మాధురి
Printed Name in English	Printed Name in Native Language
	(if other than English)

#### PATENT ASSIGNMENT N

MS Docket No.: 406823-US-NP

I <u>Lukasz Zygmunt MAKAR</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

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 October 1, 2019 and given Application
No. 16/589,522 by the following Office US - United States
Patent and Trademark Office) this APPLICATION's Application No.,
filing date, and Office, when known;

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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"));

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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

Lukasz Zygmunt MAKAR

Printed Name in English

10912572019

Date

EUKASZ ZYGMUNT

Printed Name in Native Language

(if other than English)

I <u>Mariah Sigourney MOON</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Screen Reader Summary with Popular Link(s)</u>" ("APPLICATION"), which:

$\boxtimes$	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 October 1, 2019 and given Application
	No. 16/589,522 by the following Office US - United States
	Patent and Trademark Office) this APPLICATION's Application No.,
	filing date, and Office, when known;

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Application No.	Filing Date	Office

Page 1 of 2

PATENT A	SSIGNMENT	MS Docket No.:	406823-US-NP
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 		······	
§			

Manh Srawner Moon	9/25/19
Inventor's Signature	Date
Mariah Sigourney MOON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Jane Jayoung YOON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Screen Reader Summary with Popular Link(s)" ("APPLICATION"), which:

Ø		ASSIGNOR hereby authorizes, and requests, representative, Microsoft Technology Licensing,
		ft Way, Redmond, Washington 98052 (ASSIGNEE'S
	on October No. 16/589,5 Patent and Trade	TATIVES), to insert here in parentheses (filed 1, 2019 and given Application 22 by the following Office US - United States mark Office) this APPLICATION's Application No., ffice, when known;
	was filed on	and was given Application
		by the following Office
	ĸ	"; 

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	
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Page 1 of 2

PATENT REEL: 050585 FRAME: 0697

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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"));

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- Am-	93019
Inventor's Signature	Date
Jane Jayoung YOON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

PATENT REEL: 050585 FRAME: 0698

**RECORDED: 10/01/2019**