# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7691083

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEVIN MICHAEL BROAS	09/14/2018
DAVID ALAN HEPKIN	09/16/2018
WEN JIA LIU	09/12/2018
HADDEN MARK HOPPERT	09/13/2018

### **RECEIVING PARTY DATA**

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18080086

## **CORRESPONDENCE DATA**

**Fax Number:** (801)328-1707

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:** 801-533-9800

**Email:** usdocket1@microsoft.com,jescamilla@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

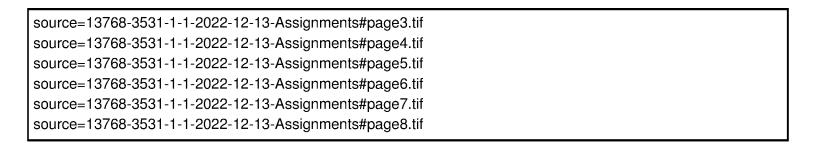
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.3531.1.1
NAME OF SUBMITTER:	LEVI S. BROWN
SIGNATURE:	/Levi S. Brown/
DATE SIGNED:	12/13/2022

# **Total Attachments: 8**

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PATENT 507644188 REEL: 062067 FRAME: 0640



PATENT REEL: 062067 FRAME: 0641

PATENT ASSIGNMENT		MS Docket No.: 404931-US-NP
		WN Docket No.: 13768.3531
l <u>Kevin Michael BR</u>	<u>OAS</u> ("ASSIGNOR") am	the original inventor or an
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APPLICATION DERIVATIVES after		
Application No.	Filing Date	Office
17228413	04/12/2021	USPTO
18/080,086	December 13, 2022	USPTO
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Page 1 of 2

PATENT ASSIGNMENT		MS Docket No.: <u>404931-US-NP</u>
		WN Docket No.: 13768.3531
	***************************************	***************************************

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"));

 11/12	9/14/2018
Iprventor's Signature	Date
Kevin Michael BROAS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT AS	SIGNMENT		MS Docket No.: 404931-US-NP
	original join patent appl	t inventor of subjectication entitled " <u>V</u>	t matter ("INVENTION") d	WN Docket No.: 13768,3531 the original inventor or an isclosed and/or claimed in a <u>TE WHILE KEEPING DEVICES</u> which:
		ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on September 14, 20 the following Office	ASSIGNOR hereby authorepresentative, Microsoft of the Way, Redmond, Washing of ATIVES), to insert here the same of the the the same of	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. 16/132,151 by and Trademark Office)
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	behalf of itse of acquiring, priority, in the derived there	if and its successors, the entire and exe the entire and exe the INVENTION and the efrom, such as cont	and assigns ("ASSIGNEE"), dusive rights, title and in he APPLICATION (and all o inuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
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	Application		Filing Date	Office
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Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.: <u>404931-US-NP</u>
	WN Docket No.: 13768.3531

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	
David Alan HEPKIN	Printed Name in Native Language
Printed Name in English	(if other than English)

MS Docket No.: 404931-US-NP
WN Docket No.: 13768,3531
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and/or claimed in a patent
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Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.: 404931-US-NP	
	WN Docket No.: 13768.3531	

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")):

AC Inventor's Signature	9/12/2018 Date
Wen Jia LIU	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT	MS Docket No.: 494931-US-NP
l <u>Hadden Mark HOPPERT</u> (' original joint inventor of subject matter ("i	WN Docket No.: 13768.3531 "ASSIGNOR") am the original inventor or an NVENTION") disclosed and/or claimed in a CHINE UPDATE WHILE KEEPING DEVICES
ASSIGNEE'S legal representati LLC., One Microsoft Way, Redn LEGAL REPRESENTATIVES), to on September 14, 2018 and giv the following Office US - Unite	hereby authorizes, and requests, ve, Microsoft Technology Licensing, nond, Washington 98052 (ASSIGNEE'S insert here in parentheses (filed en Application No. 16/132,151 by distance Patent and Trademark Office) in No., filing date, and Office, when
O was filed on a	

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
17228413	04/12/2021	USPTO
18/080,086	December 13, 2022	<b>§</b>

Page 1 of 2

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MS Docket No.: <u>404931-US-NP</u>

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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")):

Anventor's Signature	Sept 13,2018 Date	
Hadden Mark HOPPERT Printed Name in English	Printed Name in Native Language (If other than English)	