

PATENT ASSIGNMENT COVER SHEET

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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	
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:	18080086
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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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source=13768-3531-1-1-2022-12-13-Assignments#page8.tif

MS Docket No.: 404931-US-NP

I, Kevin Michael BROAS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL MACHINE UPDATE WHILE KEEPING DEVICES ATTACHED TO THE VIRTUAL MACHINE" ("APPLICATION"), which:

☐ was filed on _____ and was given Application
No. _____ by the following Office
" _____ ":

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	USPTO

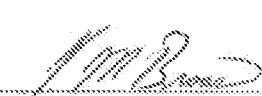
PATENT ASSIGNMENT

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"));

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).

	<u>9/14/2018</u>
Inventor's Signature	Date
Kevin Michael BROAS	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 404931-US-NP

WN Docket No.: 13768.3531

I David Alan HEPKIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL MACHINE UPDATE WHILE KEEPING DEVICES ATTACHED TO THE VIRTUAL MACHINE," ("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 September 14, 2018 and given Application No. 16/132,151 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"));

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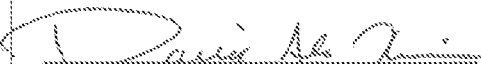
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 Inventor's Signature	<u>9/16/18</u> Date
David Alan HEPKIN Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 404931-US-NP

WN Docket No.: 13768.3531

I Wen Jia LIU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL MACHINE UPDATE WHILE KEEPING DEVICES ATTACHED TO THE VIRTUAL MACHINE" ("APPLICATION"), which:

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

PATENT ASSIGNMENT

MS Docket No.: 404931-US-NP

WN Docket No.: 13768.3531

I Hadden Mark HOPPERT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL MACHINE UPDATE WHILE KEEPING DEVICES ATTACHED TO THE VIRTUAL MACHINE" ("APPLICATION"), which:

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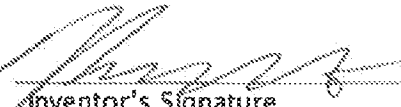
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 Inventor's Signature	<u>Sept 13, 2018</u> Date
Hadden Mark HOPPERT Printed Name in English	 Printed Name in Native Language (If other than English)