#### 506259337 09/18/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MONIQUE CHATTERJEE	08/18/2020
MATTHEW C. HARVEY	08/17/2020
AUSTIN R. PORTER	08/13/2020
RICHARD T. HANKS	08/14/2020

## **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:	29747042

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	013797.14131\US
NAME OF SUBMITTER:	STEVE S. CHANG
SIGNATURE:	/Steve Chang/
DATE SIGNED:	09/18/2020

## **Total Attachments: 4**

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8/19/2020 U.S.Patent and Ti	Section of the sectio
	requests, ASSIGNEE'S LEGAL on No. filing date, and Office into the following table:
Application No. — Filtrig	Date Office
A SUBJECT OF A SUB	struments and documents required for the making APPLICATION DERIVATIVES), for hitgation and for the ourpose of protecting and perfecting title.
ANGUE CHATTERGE	9/18/2020 Date
AN SUS TATTESTEE Printed Name in English	Printed Name in Native Language (non-English)

I, Matthew C. HARVEY ('AS inventor of subject matter ('INVENT entitled 'CONTROLLER' ('APPLICA	ΓΙΟΝ') disclosed and/or cla		
X will be filed. ASSIGNOR hereby authorizes and requests, ASSIGNEE'S			
legal representa Corporation, Or LEGAL REPRE <u>8/19/2020</u> Office U.S Pat	atives, of the Law and Corp ne Microsoft Way, Redmon SENTATIVES), to insert h and given Application N	porate Affairs Department, Microsoft d, Washington 98052 (ASSIGNEE'S ere in parentheses (filed on	
	nd was given U.S. Serial N tent and Trademark Office	0.	
Microsoft Corporation, a Wa and assigns ('ASSIGNEE'), is entitl rights, title and interest, including the (and all other applications and pate whole or in part, in and for the Unite ('APPLICATION DERIVATIVES')); ASSIGNOR hereby authoriz REPRESENTATIVES to insert the for any APPLICATION DERIVATIVE	led to, and is desirous of an ene right of priority, in the IN ents derived therefrom, suc- ed States, its territories, and zes, and requests, ASSIGN Application No., filing date	IVENTION and the APPLICATION th as continuing applications, in ad all foreign countries  NEE'S LEGAL	
Application No.	Filing Date	Office	
Application No.	Filling Date	Office	
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, the 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).  Matthew C. MARVEY  Date			
Matthew C. Harvey			
Printed Name in English	Printed Name	in Native Language (non-English)	

I, Austin R. PORTER ('ASSIGNOR of subject matter ('INVENTION') disclosed 'CONTROLLER' ('APPLICATION'), which	and/or claimed in a pa		
legal representatives, of Corporation, One Micro LEGAL REPRESENTA 8/19/2020 and Office U.S Patent and Trafiling date, and Office, v	of the Law and Corpora psoft Way, Redmond, V TIVES), to insert here given Application No ademark Office) this when known;	nd requests, ASSIGNEE'S ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on 29747042 by the following APPLICATION's Application No.,	
was filed on , and was by the U.S. Patent and			
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, 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			
Application Ato.	1 ming Date	Office	
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, the 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).			
	(	08/13/2020	
Austin R. PORTER	Date		
Austin Porter			
Printed Name in English	Printed Name in I	Native Language (non-English)	

I, Richard T. HANKS ('ASSIGN of subject matter ('INVENTION') dis 'CONTROLLER' ('APPLICATION'),	sclosed and/or claimed in a pa	ntor or an original joint inventor atent application entitled
legal representa Corporation, On- LEGAL REPRES 8/19/2020 Office <u>U.S Par</u> filing date, and C	e Microsoft Way, Redmond, \ SENTATIVES), to insert here _ and given Application No	ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on
	ent and Trademark Office	
and assigns ('ASSIGNEE'), is entitle rights, title and interest, including th (and all other applications and pate whole or in part, in and for the Unite ('APPLICATION DERIVATIVES'));	ed to, and is desirous of acque right of priority, in the INVE nts derived therefrom, such a ed States, its territories, and a tes, and requests, ASSIGNETAPPLICATION No., filing date, ar	NTION and the APPLICATION as continuing applications, in all foreign countries  E'S LEGAL
Application No.	Filing Date	Office
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, the 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).		
Madral Hill	08/14/20	
Richard T. HANKS	Date	
Printed Name in English	 Printed Name in I	Native Language (non-English)

**RECORDED: 09/18/2020**