#### 01/23/2020 505878060

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5924885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CARL J. LEDBETTER	07/30/2019
NICOLAS A. DENHEZ	08/22/2019
BRYAN A. SPARKS	01/17/2020
BRETT D. CHRISTIE	01/10/2020
GREGORY JONES	01/09/2020
CHRISTOPHER H. KUJAWSKI	08/26/2019

### **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:	29692097

#### **CORRESPONDENCE DATA**

Fax Number: (202)824-3001

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: (202) 824-3000

bwptopat@bannerwitcoff.com, dminken@bannerwitcoff.com Email:

BANNER & WITCOFF, LTD. **Correspondent Name:** 

1100 13TH ST. NW Address Line 1:

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	013797.13796\US
NAME OF SUBMITTER:	STEVE S. CHANG
SIGNATURE:	/Steve Chang/
DATE SIGNED:	01/23/2020

# **Total Attachments: 6** source=13796 - Executed Assignments#page1.tif source=13796 - Executed Assignments#page2.tif

source=13796 - Executed Assignments#page3.tif source=13796 - Executed Assignments#page4.tif

source 19790 - Executed Assignments#page4.til

source=13796 - Executed Assignments#page5.tif

source=13796 - Executed Assignments#page6.tif

I, Carl J. LEDBETTER ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'ELECTRONIC CONSOLE' ('APPLICATION'), which:				
legal representation Corporation, One LEGAL REPRESE	Microsoft Way, Redmond, ENTATIVES), to insert here and given Application No.	ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on		
	/2019, and was given U.S. S nt and Trademark Office	Serial No. 29/692097		
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		
For good and valuable consider the ASSIGNOR, the ASSIGNOR here ASSIGNOR's entire and exclusive rigonial invention and the APPLICATION of such as continuing applications, in where and all foreign countries ('APPLICATION' ASSIGNOR agrees to execute and prosecution of the APPLICATION' regarding letters patent derived there to the APPLICATION (and APPLICATION') (and APPLICATION') (and APPLICATION').	deration, the receipt of which eby sells, assigns and transights, title and interest, including and all other applications a hole or in part, in and for the TON DERIVATIVES')); the all instruments and docurn (and APPLICATION DERIVATION, and for the purpose of	sfers to the ASSIGNEE, the ding the right of priority, in the and patents derived therefrom, e United States, its territories, ments required for the making allVATIVES), for litigation		
Carl J Ledbetter Printed Name in English	 Printed Name in	Native Language (non-English)		

I, Nicolas A. DENHEZ ('AS of subject matter ('INVENTION') di ELECTRONIC CONSOLE' ('APP	sclosed and/or claimed in a p	entor or an original joint inventor atent application entitled
Will be filed. AS	SIGNOR hereby authorizes a	nd requests, ASSIGNEE'S
legal represent Corporation, Or LEGAL REPRE	atives, of the Law and Corpora ne Microsoft Way, Redmond, SENTATIVES), to insert here	ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S
Unice	Offine when known	APPLICATION'S Application No.,
ming date, and	Office, when known;	
	22/2019, and was given U.S. 5 tent and Trademark Office	Serial No. 29/692097
and assigns ('ASSIGNEE'), is entit rights, title and interest, including ti (and all other applications and pate whole or in part, in and for the Unit ('APPLICATION DERIVATIVES'));	led to, and is desirous of acquine right of priority, in the INVE ents derived therefrom, such a ed States, its territories, and a zes, and requests, ASSIGNET Application No., filing date, ar	NTION and the APPLICATION is continuing applications, in all foreign countries
Application No.	Filing Date	Office
the ASSIGNOR, the ASSIGNOR has ASSIGNOR has some continuing applications, in and all foreign countries ('APPLICA')	rights, title and interest, include N (and all other applications a whole or in part, in and for the ATION DERIVATIVES'));	fers to the ASSIGNEE, the ling the right of priority, in the nd patents derived therefrom, a United States, its territories,
ASSIGNOR agrees to exect and prosecution of the APPLICATI regarding letters patent derived the to the APPLICATION (and APPLICATION)	erefrom, and for the purpose o	IVATIVES), for litigation
and the second	. 22	. 08.2019,
NEGISS A DENHEZ	Date	
Niwlas Denher		
Printed Name in English	Printed Name in I	Native Language (non-English)

I, Bryan A. subject matter ('IN 'ELECTRONIC CO	IVENTION') disc	olosed an	id/or claimed in a	ventor or an original joint invent a patent application entitled	tor of
			3. 1 No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	zes and requests, ASSIGNEE'S	ş.
	legal represent Corporation, C	tatives, o ine Micro ESENTA	f the Law and Cr soft Way, Redm TIVES), to insert	orporate Affairs Department, Mi ond, Washington 98052 (ASSI) t here in parentheses (filed on	crosoft GNEE'S
	Office			Noby the fol ) this APPLICATION's Applicat	ion No.,
	filing date, and	Office, v	vhen known;		
	was filed on 5/ by the U.S. Pa	22/2019, atent and	and was given t Trademark Offic	J.S. Serial No. 29/692097 ce	
(and all other appl whole or in part, in ('APPLICATION E ASSIGNOI	ications and pat I and for the Uni ERIVATIVES')) R hereby author /ES to insert the	ents deri ted State ; izes, and ⊧Applical	ved therefrom, s is, its territories, I requests, ASSI tion No., filing da	INVENTION and the APPLICA such as continuing applications, and all foreign countries  GNEE'S LEGAL tte, and Office into the following t;	in
Applicatio	n No.		Filing Date	Office	
					***************************************
the ASSIGNOR, the ASSIGNOR's entire INVENTION and the such as continuing and all foreign counting and prosecution of regarding letters protected to the APPLICATION.	ne ASSIGNOR to and exclusive the APPLICATIC papplications, in applications, in applications, in this ("APPLIC" agrees to exect the APPLICAT atent derived the	nereby se rights, ti IN (and a I whole o ATION D cute all in ION (and erefrom,	ells, assigns and tle and interest, i ill other application of part, in and for ERIVATIVES)); istruments and continuments and continuments and continuments and continuments and continuments and for the purp	focuments required for the mak DERIVATIVES), for litigation ose of protecting and perfecting	e the om, ies, ing
Bryan A/Spárks	ostrs		Date <sup>7</sup>	*	. —
Printed Name in	English		Printed Nam	ie in Native Language (non-End	alish)

I, Brett D. Christie ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'ELECTRONIC CONSOLE' ('APPLICATION'), which:					
will be filed. ASSIGNOR hereby authorizes and requests, ASSIGNEE'S					
legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, 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 ) this APPLICATION's Application No.,					
Office	) this	APPLICATION's Application No.,			
filing date, and Of	ffice, when known;				
	2019, and was given U.S. S nt and Trademark Office	serial No. 29/692097			
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 No.	, milg Date	<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, 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).  Brett D. Christie  Date    Christie   Date   Date					
Printed Name in English		Native Language (non-English)			

I, Gregory JONES ('ASSIGNOR' subject matter ('INVENTION') disclosed 'ELECTRONIC CONSOLE' ('APPLICAT	and/or claimed in a pate			
will be filed. ASSIGN legal representatives Corporation, One Michael REPRESEN	OR hereby authorizes and the Law and Corpora crosoft Way, Redmond, YTATIVES), to insert here d given Application No) this			
	19, and was given U.S. S ind Trademark Office	Serial No. 29/692097		
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. Filis	ng Date	Office		
For good and valuable considerathe ASSIGNOR, the ASSIGNOR hereby ASSIGNOR's entire and exclusive rights INVENTION and the APPLICATION (an such as continuing applications, in whole and all foreign countries ('APPLICATION ASSIGNOR agrees to execute a and prosecution of the APPLICATION (aregarding letters patent derived therefro to the APPLICATION (and APPLICATION (and APPLICATION) (and APP	visells, assigns and transitives, title and interest, included all other applications are or in part, in and for the NIDERIVATIVES')); Il instruments and document APPLICATION DERM, and for the purpose of DNIDERIVATIVES).	Ifers to the ASSIGNEE, the ling the right of priority, in the lind patents derived therefrom, by United States, its territories, linearity required for the making IVATIVES), for litigation		
Printed Name in English	Printed Name in	Native Language (non-English)		

inventor of subject n	natter ('INVENT	I ('ASSIGNOR') am the origii ION') disclosed and/or claim ('APPLICATION'), which:	nal inventor or an original joint ed in a patent application	
v 	will be filed. ASS egal representat Corporation, One LEGAL REPRES	SIGNOR hereby authorizes a tives, of the Law and Corpor e Microsoft Way, Redmond, SENTATIVES), to insert here and given Application No.	ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on	
		2/2019, and was given U.S. S ent and Trademark Office	Serial No. 29/692097	
and assigns ('ASSIC rights, title and intercond all other applications whole or in part, in a ('APPLICATION DE ASSIGNOR REPRESENTATIVE	GNEE'), is entitle est, including the ations and pater and for the Unite RIVATIVES')); hereby authorized to insert the A	ed to, and is desirous of acque right of priority, in the INVEnts derived therefrom, such a d States, its territories, and a es, and requests, ASSIGNE		
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).				
Christopher H. KU	MOKI		<u> </u>	
AND ALL	TAMAN			
Printed Name in E	nalish 🐃	Printed Name in	Native Language (non-English)	

**RECORDED: 01/23/2020**