

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMOTHY G. ESCOLIN	02/20/2020
YOUNG SOO KIM	02/19/2020
SCOTT SCHENONE	03/11/2020
PANOS COSTA PANAY	02/14/2020
RALF GROENE	02/29/2020
BYUNGKWAN MIN	02/20/2020
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:	29707912
CORRESPONDENCE DATA	
Fax Number:	(202)824-3001
<i>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.</i>	
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Email:	bwptopat@bannerwitcoff.com, rharper@bannerwitcoff.com
Correspondent Name:	BANNER & WITCOFF, LTD.
Address Line 1:	1100 13TH ST. NW
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ATTORNEY DOCKET NUMBER:	013797.13980\US
NAME OF SUBMITTER:	JOHN M. FLEMING
SIGNATURE:	/John M. Fleming/
DATE SIGNED:	04/02/2020

Total Attachments: 6

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PATENT ASSIGNMENT

I, Timothy G. ESCOLIN ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled '**COMPUTING DEVICE**' ('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., filing date, and Office, when known;
- was filed on 10/1/2019, and was given U.S. Serial No. 29/707912 by the U.S. Patent and Trademark Office

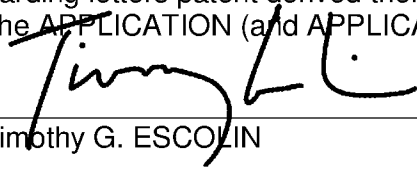
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ('ASSIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications 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'));

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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).



Timothy G. ESCOLIN

02/20/20

Date

Timothy Escolin

Printed Name in English

Printed Name in Native Language (non-English)

PATENT ASSIGNMENT

I, Young Soo KIM ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled '**COMPUTING DEVICE**' ('APPLICATION'), which:

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Young Soo KIM

2/9/20

Date

YOUNG KIM

Printed Name in English

Printed Name in Native Language (non-English)

PATENT ASSIGNMENT

I, Scott SCHENONE ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled '**COMPUTING DEVICE**' ('APPLICATION'), which:

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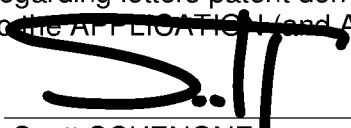
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Scott SCHENONE



Date

Printed Name in English

Printed Name in Native Language (non-English)

PATENT ASSIGNMENT

I, Panos Costa PANAY ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled '**COMPUTING DEVICE**' ('APPLICATION'), which:

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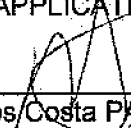
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 Panos Costa PANAY

 Printed Name in English

2-14-20

 Date

 Printed Name in Native Language (non-English)

PATENT ASSIGNMENT

I, Ralf GROENE ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTING DEVICE' ('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., filing date, and Office, when known;

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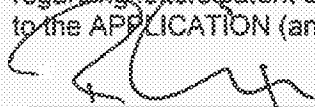
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Ralf GROENE

29 FEB 2020

Date

Ralf Groene

Printed Name in English

Printed Name in Native Language (non-English)

PATENT ASSIGNMENT

I, Byungkwan MIN ('ASSIGNOR') am the original inventor or an original joint inventor of subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTING DEVICE' ('APPLICATION'), which:

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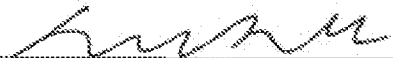
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Byungkwan MIN

02-20-2020
Date

Byungkwan Min
Printed Name in English

DL Byungkwan Min
Printed Name in Native Language (non-English)