505851201 01/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN DOUGLAS CARVER	12/24/2019
STEVE TODD SOLOMON	12/24/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16716392

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ATTORNEY DOCKET NUMBER:	407825-US-NP
NAME OF SUBMITTER:	THOMAS M. HARDMAN
SIGNATURE:	/Thomas M. Hardman/
DATE SIGNED:	01/07/2020

Total Attachments: 4

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PATENT 505851201 REEL: 051439 FRAME: 0283

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		<u>cember 16, 2019</u> and the following Office ' <u>ce</u> ";		
behalf of it desirous of right of prio patents deri	self and its succ acquiring, the en rity, in the INVEN' ved therefrom, su ited States, its	cessors and assigns tire and exclusive ri TION and the APPLIC Ich as continuing ap	("ASSIGNEE"), i ghts, title and i ATION (and all c plications, in wh	liability company, on s entitled to, and is nterest, including the other applications and nole or in part, in and ntries ("APPLICATION
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Application		Filing Date	Office	.3.5.11.12

Page 1 of 2

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).

,	
20 L	12-24-2017
Inventor's Signature	Date
Ryan Douglas CARVER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Steve Todd SOLOMON</u> joint inventor of subject matte application entitled " <u>VARIABLE</u> ("APPLICATION"), which:	er ("INVENTION") disclose	•
LLC, One Microsof LEGAL REPRESEN on No. Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by	Technology Licensing, pton 98052 (ASSIGNEE'S in parentheses (filed given Application the following this APPLICATION's
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Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the enti- right of priority, in the INVENTI- patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	
Application No.	Filing Date	Office
Apprecation No.	Timig Date	Office

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Inventor's Signature

Steve Todd SOLOMON

Printed Name in English

Printed Name in English

Printed Name in Native Language

Printed Name in English Printed Name in Native Language (if other than English)

RECORDED: 01/07/2020