#### 506198310 08/11/2020

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6245049

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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ANNA SWANSON BERTIGER	07/23/2020
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YAIR TSARFATY	07/23/2020
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16917318

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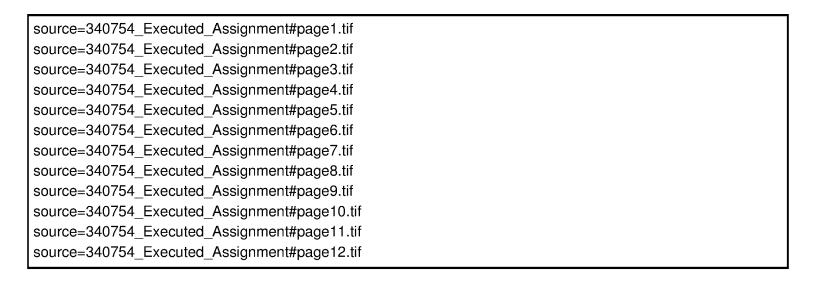
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NAME OF SUBMITTER:	TRACI M. BURKE
SIGNATURE:	/TRACI M. BURKE/
DATE SIGNED:	08/11/2020

**Total Attachments: 12** 

**PATENT REEL: 053459 FRAME: 0810** 

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PATENT REEL: 053459 FRAME: 0811

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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).

Joshua Charles Neil
Printed Name in English

Printed Name in English

O7/23/20

Date

Printed Name in Native Language (if other than English)

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Inventor's Signature Date

Evan John Argyle

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Grand Blvd., Kans REPRESENTATIVES on No. Office	andby	dy & Bacon L.L.P., 2555 613 (ASSIGNEE'S LEGAL n parentheses (filed given Application the following ) this APPLICATION's
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ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	
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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).

Inventor's Signature

Date

Anna Swanson Bertiger

Printed Name in English

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PATENT REEL: 053459 FRAME: 0817

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Microsoft Technology Lid behalf of itself and its succe 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 h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
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Inventor's Signature

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	07/23/2020
Inventor's Signature	Date
Yair Tsarfaty	1/ki
Printed Name in English	Printed Name in Native Language (if other than English)

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gh	24 Jalu 2020
Inventor's Signature	Date
David Natan Kaplan	
Printed Name in English	Printed Name in Native Language
	(if other than English)