504939946 05/31/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4986692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAWN CANTIN CALLEGARI	05/30/2018
BRAD STEVEN KERTSON	05/30/2018
ROWAN FORSTER	05/31/2018
DAVID WARREN STEVENS	05/30/2018
MICHAEL JOHN BRAY	05/31/2018
SUSAN CHORY	05/31/2018
RICHARD LAWRENCE HARRINGTON	05/31/2018

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15995009

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 888-785-1482

**Email:** usdocket@microsoft.com

Correspondent Name: NEWPORT IP, LLC
Address Line 1: 1400 112TH AVE SE

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Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9201US	
NAME OF SUBMITTER:	NOEMI TOVAR	
SIGNATURE:	/Noemi Tovar/	
DATE SIGNED:	05/31/2018	

504939946 PATENT REEL: 045957 FRAME: 0506

#### Total Attachments: 14

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Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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$\bowtie$	will be filed.	ASSIGNOR hereb	y authorizes,	and requests,
	ASSIGNEE'S legal	representative, Mi	crosoft Techn	ology Licensing,
	LLC., One Mic	rosoft Way, Re	dmond, Wasl	nington 98052
	(ASSIGNEE'S LEC	GAL REPRESENTA	ΓIVES), to i	nsert here in
	parentheses (filed	d on <u>May 31, 2018</u>	and g	iven Application
	No. <u>15/995,009</u>	by the followi	ng Office <u>"US</u>	<u>- United States</u>
	Patent and Trades	<u>mark Office"</u> ; this A	APPLICATION's	Application No.,
	filing date, and O	ffice, when known;		
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Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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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).

/////·	5/30/2018
Inventor's Signature	Date
Shawn Cantin CALLEGARI	
Printed Name in English	Printed Name in Native Language
4	(if other than English)

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

I Brad Steven KERTSON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL SKELETON BASED ON COMPUTING DEVICE CAPABILITY PROFILE" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on May 31, 2018 and given Application No. 15/995,009 by the following Office <u>"US - United States</u> Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known; was filed on \_\_\_\_\_\_and was given Application by the following Office "US - United States Patent and Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, LEGAL ASSIGNEE'S 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

Client Docket No.: 404367-US-NP Attorney Docket No.: MSI-9201US

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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"));

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Inventor's Signature Date

Brad Steven KERTSON

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

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

I <u>Rowan FORSTER</u> ("ASS	IGNOR") am the original	inventor or an original join
inventor of subject matter (	"INVENTION") disclosed	and/or claimed in a paten
application entitled "VIRTUAL	SKELETON BASED ON CO	MPUTING DEVICE CAPABILITY
PROFILE" ("APPLICATION"), whic	h:	
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
	SAL REPRESENTATIVES),	
	on <u>May 31, 2018</u>	
No15/995,009	by the following Offi	ce <u>"US – United States</u>
<u>Patent and Trader</u>	nark Office"; this APPLICA	TION's Application No.,
filing date, and Of	fice, when known;	
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Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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RT mtero Inventor's Signature	
Rowan FORSTER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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joint inventor of subject matt	er ("INVENTION") disclos	ed and/or claimed in a paten
application entitled "VIRTUAL	SKELETON BASED ON CO	<u>OMPUTING DEVICE CAPABILITY</u>
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Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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A Thomas of the second of the	5/30/18
Inventor's Signature	Date
David Warren STEVENS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

inventor of subject	matter ("INVENTION") dis- VIRTUAL SKELETON BASED	eoriginal inventor or an original Joint closed and/or claimed in a patent ON COMPUTING DEVICE CAPABILITY
ASSIGNE LLC., ( (ASSIGN) *parenthe No	E'S legal representative, M One Microsoft Way, Re EE'S LEGAL REPRESENTA eses (filed on May 31, 2016 1995,009 by the follow	y authorizes, and requests, icrosoft Technology Licensing, dmond, Washington 98052 TIVES), to insert here in and given Application ng Office "US - United States APPLICATION's Application No.,
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behalf of itself and desirous of acquiring right of priority, in the patents derived there	its successors and assign: , the entire and exclusive r = INVENTION and the APPLIC from, such as continuing ap	shington limited liability company, on ("ASSIGNEE"), is entitled to, and is ights, title and interest, including the ATION (and all other applications and oplications, in whole or in part, in and all foreign countries ("APPLICATION
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Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

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| Mang 31 , 18 | Inventor's Signature Date

Michael John BRAY | Michael John Bray

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

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

inventor of subject ma	itter ("INVENTION") disc <u>TUAL SKELETON BASED</u>	riginal inventor or an original jo closed and/or claimed in a pat <u>ON COMPUTING DEVICE CAPABIL</u>	eni
ASSIGNEE'S LLC., One (ASSIGNEE'S parentheses No. 15/995 Patent and	legal representative, M Microsoft Way, Re LEGAL REPRESENTA (filed on <u>May 31, 201</u> (1,009 by the followi	y authorizes, and requests, icrosoft Technology Licensing, dmond, Washington 98052 TIVES), to insert here in 8 and given Application ng Office "US - United States APPLICATION's Application No.,	
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Inventor's Signature

Susan CHORY

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

Client Docket No.: 404367-US-NP Attorney Docket No.: MS1-9201US

l <u>Richard Lawrence HAR</u>	RINGTON ("ASSIGNOR") ai	m the original inventor or an
original joint inventor of subje	ct matter ("INVENTION") o	${\sf disclosed}$ and/or claimed in a
patent application entitled "	VIRTUAL SKELETON BAS	ED ON COMPUTING DEVICE
<b>CAPABILITY PROFILE</b> " ("APPLICA"	TION"), which:	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed 15/995,009 No. Patent and Trader	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), on May 31, 2018  by the following Office ark Office; this APPLICA fice, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>"US – United States</u>
No	and was gi by the following C Trademark Office";	
Microsoft Technology Lice behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTIGATION patents derived therefrom, such 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., filing	
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Inventor's Signature

Date

Richard Lawrence HARRINGTON

Printed Name in English

Printed Name in Native Language

(if other than English)

5-31-2018