505116374 09/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
JOSEPH WHEELER	09/26/2018
CHRISTOPHER M. NOVAK	09/26/2018
ARON R. CHAVEZ	09/26/2018
TYLER ESSELSTROM	09/27/2018
PETER M. WIEST	09/26/2018

ASSIGNMENT

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:	16144883

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	404934-US-NP
NAME OF SUBMITTER:	CHRISTINE HARTNESS
SIGNATURE:	/Christine Hartness/
DATE SIGNED:	09/27/2018

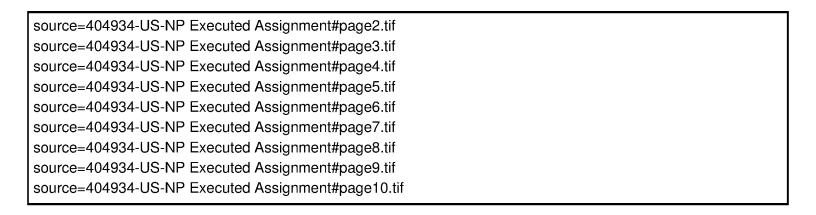
Total Attachments: 10

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PATENT REEL: 046999 FRAME: 0887

EPAS ID: PAT5163135

505116374



PATENT REEL: 046999 FRAME: 0888

I <u>Joseph WHEELER</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING</u> GAME BASED ON CURRENT GAME SCENARIO" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and request
	ASSIGNEE'S legal representative, Microsoft Technology Licensin
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed o
	September 27, 2018 and given Application No. $16/144,883$ by the
	following Office <u>US – United States Patent and Trademark Office</u>) th
	APPLICATION's Application No., filing date, and Office, when know
	was filed on and was given Application

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"));

No ______ by the following Office

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

Page 1 of 2

MS Docket No.: 404934-US-NP

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).

Inventor's Signature

Date

Joseph WHEELER

Printed Name in English

Printed Name in Native Language

(if other than English)

I <u>Christopher M. NOVAK</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING GAME BASED ON CURRENT GAME SCENARIO</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S legal	representat	ive, Mici	osoft Techn	ology	Licensing
	LLC,	One	Microso	oft Way, Redr	nond, Wa	ashington 98	052 (4	ASSIGNEE'S
	LEGA	AL R	EPRESEN	TATIVES), to	insert h	iere in paren	these	s (filed or
	<u>Sept</u>	<u>emb</u>	<u>er 27, 2</u>	<u>018</u> and give	en Applic	ation No. <u>16</u>	/144,	883 by the
	follo	wing	office <u>l</u>	JS – United St	ates Pate	ent and Trade	mark	Office) this
	APPL	_ICA ⁻	ΓΙΟΝ's A	pplication No	o., filing o	date, and Offi	ce, wh	en known
	was	filed	on		and was	given Applica	tion	
	No_			by the f	ollowing	Office		

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Inventor's Monature

Date

Christopher M. NOVAK

Printed Name in English

Printed Name in Native Language

(if other than English)

I <u>Aron R. CHAVEZ</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING GAME BASED ON CURRENT GAME SCENARIO</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S legal	representat	tive, Micı	osoft ⁻	Techno	logy	Licensing
	LLC,	One	Microso	oft Way, Redr	nond, Wa	ashingt	on 980	52 (A	ASSIGNEE'S
	LEGA	AL R	EPRESEN	TATIVES), to	insert h	ere in	parent	hese	s (filed or
	<u>Sept</u>	emb	<u>er 27, 2</u>	<u>018</u> and give	en Applic	ation N	lo. <u>16/</u>	144,8	<u>883</u> by the
	follo	wing	office <u>l</u>	JS – United St	tates Pate	ent and	<u>Trader</u>	nark (Office) this
	APPI	_ICA ⁻	ΓΙΟΝ's A	pplication No	o., filing o	date, an	d Offic	e, wh	en known
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was filed on	and was given Application
No	by the following Office
"	".

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	, !
120	9/26/18
Inventor's Signature	Date
Aron R. CHAVEZ	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Tyler ESSELSTROM</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING</u> GAME BASED ON CURRENT GAME SCENARIO" ("APPLICATION"), which:

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	WIII	be	meu.	ASSIGNOR	nereby	autili	mzes,	anu	reques	12
	ASSI	GNE	E'S legal	representa	itive, Mic	rosoft	Techno	ology	Licensin	g
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE									:'S
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	was	filed	on		and was	given A	Applica	tion		
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		0/2	<u>-7/18</u>			
Inventor's Signature		Date 7/4				
Tyler ESSELSTROM	falls					
		Printed Name in Native Language				
Printed Name in English		1 1111111111111111111111111111111111111	there is the second of warming and an entitle			

I <u>Peter M. WIEST</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>IMPLEMENTING A GRAPHICAL OVERLAY FOR A STREAMING</u> GAME BASED ON CURRENT GAME SCENARIO" ("APPLICATION"), which:

\times	will	be	filed.	AS	SIGNO	R he	reby	auth	orizes	, and	red	quests,
	ASSI	GNE	E'S leg	al rep	oresen	tative,	Mici	rosoft	Tech	nology	Lice	ensing,
	LLC,	One	Micro	soft W	/ay, Re	dmor	d, Wa	ashing	ton 9	8052 (ASSI	GNEE'S
	LEGA	AL RE	PRESE	NTAT	IVES), t	to inse	ert he	re in	pa	renthe	ses	(filed
	on <u>S</u>	epte	mber 2	27, 20	<u>)18</u> an	d give	en Ap	plicat	ion N	o. <u>16/</u>	144,	<u>883</u> by
	the f	ollov	ving O	ffice <u>L</u>	JS – Ur	ited S	<u>tates</u>	Paten	t and	<u>Traden</u>	<u>nark</u>	Office)
	this	APPI	LICATIO	ON's A	Applica	ation	No.,	filing	date,	and O	ffice	, when
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	was	filed	on			_ and	was (given	Applio	ation		

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Peter M. WIEST
Printed Name in English
Printed Name in English
Printed Name English)