PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4461567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BLEYER	03/07/2017
RAYMOND KIRK PRICE	03/07/2017
DENIS DEMANDOLX	03/07/2017

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15455808

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	401372-US-NP
NAME OF SUBMITTER:	JOHN O. CARPENTER
SIGNATURE:	/John O. Carpenter, Reg.# 73862/
DATE SIGNED:	06/15/2017

Total Attachments: 6

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PATENT 504414867 REEL: 042721 FRAME: 0611

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PATENT REEL: 042721 FRAME: 0612

I <u>Michael Bleyer</u> ("ASSIC inventor of subject matter (application entitled " <u>DOT-BASE</u>	("INVENTION") disclosed	· ·
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed 15/455,808 by th	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), don March 10, 2017 and the following Office US – User Way (100) this APPLICATION's Apply known;	Technology Licensing, Washington 98052 to insert here in given Application No. United States Patent and
No	and was given by the following Office	
Microsoft Technology Lie 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 ons, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office

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).

***************************************		3/7/2017
***************************************	Inventor's Signature	Date
	Michael Bleyer	
-	Printed Name in English	Printed Name in Native Language
		(if other than English)

I <u>Raymond Kirk Price</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>DOT-BASED TIME OF FLIGHT</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S leg	gal repre	esentat	ive, Micr	osoft	Techn	ology	Licens	ing,
	LLC.	, O	ne N	Microsof	t Way	, Redr	nond,	Wasl	ningto	n 98	052
	(ASS	IGNE	E'S I	LEGAL	REPRES	SENTATI	VES),	to i	nsert	here	in
	pare	nthe	ses (fi	led on	<u>March</u>	10, 201	<u>7</u> and	given	Appli	cation	No.
	<u>15/4</u>	155,8	<u>308</u> by	the fol	lowing	Office <u>U</u>	S – Ur	nited S	tates I	² atent	<u>and</u>
	<u>Trad</u>	<u>ema</u>	rk Off	<u>ice</u>) this	APPLIC	CATION's	Appli	cation	No., f	iling d	ate,
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was filed on .	and was given Application
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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, 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	

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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mynton Ri 3/7/201

nven**f**or's Signature

Date

Raymond Kirk Price

Printed Name in English

Printed Name in Native Language

(if other than English)

inventor of subject	matter ("INVENTION")	n the original inventor o) disclosed and/or clai <u>IGHT</u> " ("APPLICATION"), w	med in a patent
ASSIGNEE LLC., O (ASSIGNE parenthe 15/455,8 Tradema	E'S legal representativ one Microsoft Way, E'S LEGAL REPRESI ses (filed on <u>March 1</u> 308 by the following (hereby authorizes, and ve, Microsoft Technology, Redmond, Washington ENTATIVES), to inserton 0, 2017 and given Apploffice US – United States ATION's Application No.,	/ Licensing, on 98052 here in lication No. Patent and
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behalf of itself and it desirous of acquiring, right of priority, in the patents derived therefore	ts successors and as the entire and exclus INVENTION and the A rom, such as continui	a Washington limited lial signs ("ASSIGNEE"), is e sive rights, title and inter PPLICATION (and all othe ng applications, in whole nd all foreign countrie	ntitled to, and is rest, including the rapplications and or in part, in and
REPRESENTATIVES to	insert the Applicatio	and requests, ASS on No., filing date, and TIVES after they are know	d Office into the
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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"));

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Ja-14	03-07-2017
Inventor's Signature	Date
Denis Demandolx	
Printed Name in English	Printed Name in Native Language
	(if other than English)