PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5893198

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETAR MITROVIC	09/30/2019
EOIN MCLOUGHLIN	09/30/2019
MAXWELL SIMON ABERNETHY	09/23/2019
MILAN SIMIC	09/24/2019
MILOS JOVANOVIC	09/23/2019
NIKOLA NIKOLIC	09/23/2019
OLIVER M. STRUNK	09/22/2019
PAVLE JOSIPOVIC	09/24/2019
RORY MULLANE	11/11/2019
JANOS BENK	09/23/2019

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:	16576680		

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: 425-538-9035

Email: usdocket@microsoft.com

MICROSOFT CORPORATION Correspondent Name:

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 407319-US-NP

> **PATENT** REEL: 051410 FRAME: 0926

NAME OF SUBMITTER:	VLADIMIR A. KOZYREV	
SIGNATURE:	/VLADIMIR A. KOZYREV/	
DATE SIGNED: 01/03/2020		
Total Attachments: 20		
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> PATENT REEL: 051410 FRAME: 0927

PATENT ASSIGNME	NT MS Docket	No.: <u>407319-US-NP</u>
inventor of subject matter	-	inventor or an original joint and/or claimed in a patent <u>ON NEIGHBORING BODIES</u> "
ASSIGNEE'S legal LLC, One Micros LEGAL REPRESEN the following Of	ASSIGNOR hereby author al representative, Microsoft oft Way, Redmond, Washing ITATIVES), to insert here in and given Application of fice Application No., filing d	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No by) this
	tember 19, 2019 and was o	
behalf of itself and its succ desirous of acquiring, the en right of priority, in the INVEN patents derived therefrom, su	cessors and assigns ("ASSI tire and exclusive rights, t TION and the APPLICATION uch as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
•	the Application No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the hey are known;
	Filing Date	Office
Application No.		

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"));

Thurpobut	
Inventor's Signature	09/30/2019 Date
Petar MITROVIC	Petar MITROVIĆ
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 407319-US-NP I Eoin MCLOUGHLIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INERTIA SCALING BASED ON NEIGHBORING BODIES" ("APPLICATION"), which:

lliw	be	filed.	ASSIGNOR	here	by a	uthoriz	zes,	and re	quests,
			al representa						
LLC,	One	Micros	oft Way, Red	mond	, Wash	ningtor	9805	52 (ASS	GNEE'S
LEGA	AL RI	EPRESE	NTATIVES), to	insert	t here	in pare	enthes	ses (file	d on
			and give	п Арр	licatio	n No.			by
the f	follo	wing O	ffice) this
APPL	.ICA	ΓΙΟΝ's	Application	No.,	filing	date,	and	Office,	when
knov	vn;								

was filed on <u>September 19, 2019</u> and was given Application No <u>16/576,680</u> by the following Office "<u>USPTO</u>";

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	
			ĺ

Page 1 of 2

MS Docket No.: 407319-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"));

Inventor's Signature	30/09/19 Date
Eoin MCLOUGHLIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

inventor of substantial invent	ject matter ("INVEN	TION") disclosed	and/or claimed in a
ASSIGNEE'S legal LLC, One Micros LEGAL REPRESENTATION TO THE COLUMN THE COLUM	al representative, Moft Way, Redmond, ATATIVES), to insert and given Appl	licrosoft Technolo Washington 9805 here in parenthes ication No.	ogy Licensing, 2 (ASSIGNEE'S es (filed onby) this
			ication No
self and its succeacquiring, the entity, in the INVEN yed therefrom, so ited States, its ""));	cessors and assign itire and exclusive in TION and the APPLII uch as continuing a territories, and authorizes, and	s ("ASSIGNEE"), is rights, title and in CATION (and all of oplications, in who all foreign coun d requests, o	entitled to, and is iterest, including the ther applications and ole or in part, in and tries ("APPLICATION ASSIGNEE'S LEGAL
ole for any APPLIC	CATION DERIVATIVE	S after they are kn	
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	c inventor of subscation entitled (N"), which: will be filed. ASSIGNEE'S legal LLC, One Microst LEGAL REPRESEN (LEGAL REPRESENT)); NOR hereby TIVES to insert	inventor of subject matter ("INVENtication entitled "INERTIA SCALING")N"), which: will be filed. ASSIGNOR herefore ASSIGNEE'S legal representative, Matter ("INVENTIAL ENTITLE ENTITLE ENTITLE"), to insert and given Applitude the following Office APPLICATION's Application No., I known; was filed on September 19, 2019 are 16/576,680 by the following Office soft Technology Licensing, LLC, a Wastelf and its successors and assign acquiring, the entire and exclusive restry, in the INVENTION and the APPLICATION of the APPLICATION of the States, its territories, and ited States its territories, and its successors and assign acquiring the entire and exclusive its iterritories, and its successors and assign acquiring the entire and exclusive its iterritories, and its successors and assign acquiring the entire and exclusive its iterritories, and its iterritories, and its iterritories, and its iterritories i	will be filed. ASSIGNOR hereby authorizes, a ASSIGNEE'S legal representative, Microsoft Technoloc LLC, One Microsoft Way, Redmond, Washington 9805 LEGAL REPRESENTATIVES), to insert here in parenthes and given Application No the following Office APPLICATION's Application No., filling date, and known; was filed on September 19, 2019 and was given Application of September 19, 2019 and was give

MS Docket No.: 407319-US-NP

Page 1 of 2

MS Docket No.: 407319-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"));

the state of the s	9/23/19
Inventor's Signature	Date
Maxwell Simon ABERNETHY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>407319-US-NP</u>
I <u>Milan SIMIC</u> ("ASSIGNOI of subject matter ("INVENTIOI entitled " <u>INERTIA SCALING BASE</u>	N") disclosed and/or clai	• • •
ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT the following Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application No., filing da	Technology Licensing, ston 98052 (ASSIGNEE'S parentheses (filed on lo by) this
	<u>ember 19, 2019</u> and was g e following Office " <u>USPTO</u>	
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTI- patents derived therefrom, success 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
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	ne Application No., filin	,
Application No.	Filing Date	Office Office

MS Docket No.: <u>407319-US-NP</u>

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"));

Marast	09/24/2019
Inventor's Signature	Date
Milan SIMIC	Milan SIMIĆ
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMEN	NT MS Doc	ket No.: <u>407319-US-NP</u>
inventor of subject matter	("INVENTION") disclose	inal inventor or an original join ed and/or claimed in a paten O ON NEIGHBORING BODIES
ASSIGNEE'S lega LLC, One Micros LEGAL REPRESEN ———————————————————————————————————	Il representative, Microsoft Way, Redmond, Wash ITATIVES), to insert here and given Application	tuthorizes, and requests, soft Technology Licensing, hington 98052 (ASSIGNEE'S in parentheses (filed on on No by) this date, and Office, when
	tember 19, 2019 and wa the following Office " <u>US</u> I	•
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ASSIGNOR hereby REPRESENTATIVES to insert following table for any APPLIC	the Application No., f	requests, ASSIGNEE'S LEGA filing date, and Office into the er they are known:
Application No.	Filing Date	Office
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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"));

	09/23/2019
Inventor's Signature	Date
Milos JOVANOVIC	Miloš JOVANOVIĆ
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>407319-US-NP</u>
inventor of subject matter ('application entitled " <u>INERTI</u> ("APPLICATION"), which:	"INVENTION") disclosed A SCALING BASED (ASSIGNOR hereby auth	ON NEIGHBORING BODIES" orizes, and requests,
LLC, One Microsof	representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in I	ton 98052 (ASSIGNEE'S
	$_$ and given Application N	
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Microsoft Technology Licobehalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTION patents derived therefrom, such for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIONE e and exclusive rights, tied on the APPLICATION has continuing application	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
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following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office

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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")

MS Docket No.: <u>407319-US-NP</u>

HUKENE HUKENE	9/23/2019
Inventor's Signature	Date
Nikola NIKOLIC	Nikola NIKOLIĆ
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATE	ENT ASSIGNMENT	Γ MS D	ocket No.: <u>407319-US-NP</u>	
	subject matter (entitled " <u>INERT</u>	"INVENTION") disclo	riginal inventor or an original jo osed and/or claimed in a pat ED ON NEIGHBORING BOD	tent
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT	representative, Micr ft Way, Redmond, Wa ATIVES), to insert he	authorizes, and requests, rosoft Technology Licensing, ashington 98052 (ASSIGNEE'S re in parentheses (filed on this top No by	
	_) this ng date, and Office, when	
		ember 19, 2019 and e e following Office " <u>l</u>	was given Application No JSPTO ";	
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti- rity, in the INVENTI ved therefrom, suc ited States, its t	ssors and assigns (re and exclusive righ ON and the APPLICA h as continuing appl	ington limited liability company, "ASSIGNEE"), is entitled to, and hts, title and interest, including TION (and all other applications a lications, in whole or in part, in a foreign countries ("APPLICATION")	d is the and
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PART ASSOCIATION

For good and valuable consideration, the receipt of which is hereby actively good and valuable consideration, the receipt of which is hereby to acknowledged by the ASSICNOR the ASSICNOR hereby sells, assigns and transfers to acknowledged by the ASSICNOR's entire and exclusive rights, title and interest, including the the ASSICNIE ASSICNOR's entire and exclusive rights, title and interest, including the right of priority in the INVENTION and the APPLICATION land all other applications and right of priority in the INVENTION and the APPLICATION called therefore, such as continuing applications, in whole or in part, in and called the United States its territories and all foreign countries (APPLICATION for the United States its territories and all foreign countries).

ASSICNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for instance and prosecution of the APPLICATION (and APPLICATION DERIVATIVES) and perfecting little to the APPLICATION (and APPLICATION DERIVATIVES).

Investor s Signature

OLIVER METROPIA

Printed Name in English

Date.

Printed Name in Native Language lif other than Englishi

Page 2 of 2

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>407319-US-NP</u>
inventor of subject matter (•
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT ————————————————————————————————————	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application Noce	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No by) this
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Microsoft Technology Liebehalf of itself and its succe desirous of acquiring, the entiright of priority, in the INVENTI patents derived therefrom, sucfor 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
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	-
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"));

Inventor's Signature Pavle JOSIPOVIC	9/24/19 Date
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: <u>407319-US-NP</u>

l Daw	. NALULIANIE /#ACCI	CNOP") and the evictoral	
		_	inventor or an original joint
			and/or claimed in a patent
application ("APPLICATIO		IA SCALING BASED	ON NEIGHBORING BODIES'
	will be filed	ASSIGNOR hereby auth	norizes and requests
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	16/5/6,680 by th	ne following Office <u>"USPTC</u>	<u>) "; </u>
	c		
			n limited liability company, on
			GNEE"), is entitled to, and is
			tle and interest, including the
			(and all other applications and
			ons, in whole or in part, in and
for the Un	ited States, its	territories, and all fore	ign countries ("APPLICATION
DERIVATIVES	"));		
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REPRESENTA [®]	TIVES to insert t	he Application No., filin	g date, and Office into the
following tab	le for any APPLICA	TION DERIVATIVES after the	ney are known;
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MS Docket No.: 407319-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"));

Rong Mullinventor's Signature	11/11/ 2019 Date
Rory MULLANE	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	Γ MS Docket	No.: <u>407319-US-NP</u>
I <u>Janos BENK</u> ("ASSIGNOF of subject matter ("INVENTIOI entitled " <u>INERTIA SCALING BASE</u>	N") disclosed and/or clai	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT the following Offi	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in part and given Application No., filing da	Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on local
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Microsoft Technology Lio 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 t 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	he Application No., filin	-
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PATENT ASSIGNMENT

MS Docket No.: 407319-US-NP

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	·
La Bes	2019 SEPTEMBER 23
Miventor's Signature	Date
Janos BENK	
Printed Name in English	Printed Name in Native Language
	(if other than English)