## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5899185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEVIN NEAL MAGILL	01/07/2020
ERIC FRANCIS ROBINSON	01/07/2020
DEREK BACHAND	01/07/2020
JASON PANAVICH	01/07/2020
MICHAEL P. WILSON	01/07/2020
MICHAEL B. MITCHELL	01/07/2020

### **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:	16736865

### **CORRESPONDENCE DATA**

**Fax Number:** (877)812-1249

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:** 919-238-2300

Email: usdocket@microsoft.com

Correspondent Name: WITHROW + TERRANOVA

Address Line 1: 106 PINEDALE SPRINGS WAY

Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER: 7006-035

NAME OF SUBMITTER: KAT M. KENNY

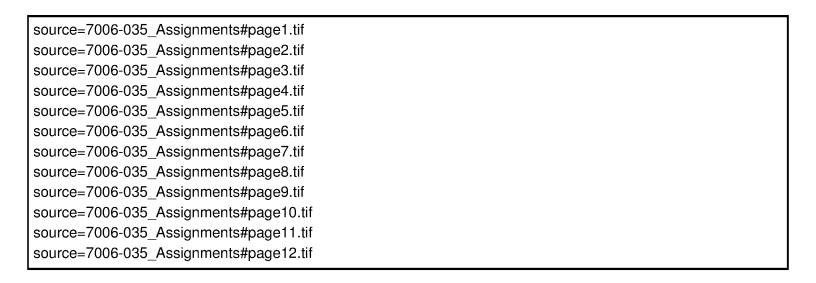
SIGNATURE: /Kat M. Kenny/

DATE SIGNED: 01/08/2020

**Total Attachments: 12** 

PATENT REEL: 051444 FRAME: 0702

505852248



PATENT REEL: 051444 FRAME: 0703

# PATENT ASSIGNMENT MS Docket No.: 407901-US-NP

l <u>Kevin</u>	Neal MAGILL ("ASSIGNOR") am the original inventor or an original joint
inventor of so	ubject matter ("INVENTION") disclosed and/or claimed in a patent
application er	ntitled "PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE
<u>PROTOCOLS IN</u>	PROCESSOR-BASED DEVICES" ("APPLICATION"), which:
⊠ w	vill be filed. ASSIGNOR hereby authorizes, and requests,
A	SSIGNEE'S legal representative, Microsoft Technology Licensing,
L	LC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
L	EGAL REPRESENTATIVES), to insert here in parentheses (filed
0	n and given Application
N	lo by the following Office <u>US – United States</u>
<u>P</u> i	atent and Trademark Office) this APPLICATION's Application No.,
fi	ling date, and Office, when known;
Οw	as filed on and was given Application
N	lo by the following Office
¢t 	₽ <sub>1</sub>
	ft Technology Licensing, LLC, a Washington limited liability company, on f and its successors and assigns ("ASSIGNEE"), is entitled to, and is

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	
			]

	PAICNI	A221GIAMEN I	MS	DOCKET NO.:	40/301-02-NP
erererer.					

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Inventor's Signature	Date
Kevin Neal MAGILL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Eric Francis ROBINSON ("ASSIGNOR") am the original inventor or an original
joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE
PROTOCOLS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:
🖾 will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative. Microsoft Technology Licensing

MS Docket No.: 407901-US-NP

ASSIGNEE'S legal representat LLC, One Microsoft Way, Redr LEGAL REPRESENTATIVES), t	mond, Washin	gton 98052 (ASSIGNEE'S
on		given Application
No by the	following Off	ice <u>US - United State</u> :
Patent and Trademark Office filing date, and Office, when I		TION's Application No.
was filed on	and was given	Application
Noby the f	ollowing Offic	e
55	··············· >	

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
		***************************************

PATENT ASSIGNMENT	MS Docket No.:	407901-US-NP

Euromishin	Jan 7,2020
Inventor's Signature	Date
Eric Francis ROBINSON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 407901-US-NP

I <u>Derek BACHAND</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>PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE PROTOCOLS IN PROCESSOR-BASED DEVICES</u>" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNO	OR he	ereby	auth	orizes	, and	req	uests,
	ASSI	GNE	E'S legal	represer	tative	, Micr	osoft	Techi	nology	Lice	nsing,
	LLC,	One	Microso	oft Way, R	edmor	nd, Wa	eshing	ton 9	3052 (	ASSIC	NEE'S
	LEGA	NL R	EPRESEN	ITATIVES)	to i	nsert	here	in p	arenth	eses	(filed
	on			***************************************		and		given	į	Appli	cation
	No.	0000000000	***************************************	by th	ne fol	lowing	g Offi	ce <u>US</u>	<u> - Un</u>	ited	<u>States</u>
	<u>Pater</u>	nt ar	nd Trade	emark Off	<u>ice</u> ) th	iis API	PLICA	FION's	Appli	catio	n No.,
	filing	j dat	e, and C	office, whe	n kno	wn;					
,1		<b>a. .</b>									
L	was	filed	on		and	was g	jiven /	Applic	ation		
	No_			by th	e folic	wing	Office	;			
	**					17 <sub>x</sub>					

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:

	control of the control of the control of the control	45 6 6 5 - 6 5 5 6 9 - 6 8 5 6 1 1 2 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2	
Application No.	Filing Date	Office	
			*************

PAIENI ASSIGNMENT	INIS DOCKELING: 40/301-02-INF	
·····		

Warf & Bachard	Jan 7, 2020
Inventor's Signature	Date
Derek BACHAND	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Jason PANAVICH</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>PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE PROTOCOLS IN PROCESSOR-BASED DEVICES</u>" ("APPLICATION"), which:

MS Docket No.: 407901-US-NP

$\boxtimes$	will be	e filed.	ASSIGNOR	hereby	authori	zes,	and	requ	ests,
	ASSIGN	EE'S legal	representat	ive, Micr	osoft T	echno	logy	Licens	ing,
	LLC, Or	ne Microsc	ıft Way, Redr	nond, Wa	ıshingto	n 980	)52 (A	SSIGN	EE'S
	LEGAL	REPRESEN	ITATIVES), t	o insert	here ii	n par	enthe	ses (	filed
	on	***************************************		and	gi	ven	Α	pplica	tion
	No		by the	following	) Office	<u>US</u>	<u>- Unii</u>	<u>ed St</u>	ates
	<u>Patent</u>	and Trade	mark Office	this API	PLICATIO	)N's A	Applic	ation	No.,
	filing d	ate, and O	ffice, when I	known;					
	was file	d on		ınd was g	jiven Ap	plicat	ion		
	No		by the f	ollowing	Office				
	"			n.					

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:

The state of the s	the state of the s
3	Office

PATENT	ASSIGNMENT	MS	Docket No.:	407901-US-NP
		.:		

	1/7/28
Inventor's Signature	Date
Jason PANAVICH	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Michael P. WILSON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE PROTOCOLS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed and given on Application No. \_\_\_\_\_\_ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known; was filed on \_\_\_\_\_\_ and was given Application No \_\_\_\_\_\_ by the following 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, 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	3	of	2
5 CO 64 CC -	8	4.77	Sec

MS Docket No.: 407901-US-NP

PATENT	ASSIGNMENT	MS Docket No.:	407901-US-NP

Milwel P. Willy	1/7/2020
Inventor's Signature	Date
Michael P. WILSON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Michael B. MITCHELL</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>PROVIDING DYNAMIC SELECTION OF CACHE COHERENCE PROTOCOLS IN PROCESSOR-BASED DEVICES</u>" ("APPLICATION"), which:

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and reques	its,				
	ASSIGNEE'S legal representative, Microsoft Technology Licensi	ng,				
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNE	E'S				
	LEGAL REPRESENTATIVES), to insert here in parentheses (fi	led				
	on and given Applicat	ion				
	No by the following Office US - United Sta	tes				
	Patent and Trademark Office) this APPLICATION's Application No.,					
	filing date, and Office, when known;					
	was filed on and was given Application					
	Noby the following Office					
	8					

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
		 ,,,,,,,

			Docket No.:	
200000000000000000000000000000000000000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
2000000000				

AUWDUU	1/7/2020
Inventor's Signature	Date
Michael B. MITCHELL	
Printed Name in English	Printed Name in Native Language
	(if other than English)