504338597 04/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4385285

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YEVGENIY M. BAK	04/13/2017
MEHMET IYIGUN	04/18/2017
CHRISTOPHER PETER KLEYNHANS	04/21/2017
SYED A. RAZA	04/25/2017

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:	15497482

CORRESPONDENCE DATA

Fax Number: (509)755-7252

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: 509-755-7262

Email: usdocket@microsoft.com

Correspondent Name: WOLFE-SBMC

Address Line 1: 116 W. PACIFIC AVE.

Address Line 2: SUITE 300

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	400342-US-NP		
NAME OF SUBMITTER:	ALLAN T. SPONSELLER		
SIGNATURE:	/Allan T. Sponseller, Reg. #38,318/		
DATE SIGNED:	04/26/2017		

Total Attachments: 8

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PATENT 504338597 REEL: 042148 FRAME: 0510

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PATENT REEL: 042148 FRAME: 0511

I <u>Yevgeniy M. Bak</u> ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "Boosting User Mode Thread Priorities To Resolve Priority Inversions"
("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIG	NOR	hereby	auth	orizes,	and	requ	iests,
	ASSI	GNE	E'S lega	al repres	entat	ive, Mic	rosoft	Techn	ology	Licen	sing,
	LLC.	, One	e Micro	soft Way	, Redi	mond, W	ashing	ton 98	052 (/	4SSIG1	VEE'S
	LEGA	AL R	EPRESE	NTATIVE	ES), t	o insert	here	in pa	renth	eses	(filed
	on _	04/2	6/2017	<u></u> а	nd gi	ven Appl	ication	No1	5/49	7,482	by
	the	foll	owing	Office		US)	this
	APPI	_ICA	ΓΙΟΝ's /	Applicati	on No	o., filing	date, a	nd Offi	ce, wł	ien kn	own;
	was	filed	on		é	and was	given	Applica	tion		
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	"					55 <u>.</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	

MS Docket No.: <u>400342-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"));

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).

Se Stabil	
tigene M	04/13/17
Inventor's Signature	Date
Yevgeniy M. Bak	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 400342-US-NP

I <u>Mehmet lyigun</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>Boosting User Mode Thread Priorities To Resolve Priority Inversions</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGN	OR he	ereby	autho	orizes,	and	requ	ıests,
	ASSI	GNEE	E'S lega	al represe	ntative	, Mici	rosoft	Techn	ology	Licen	ısing,
	LLC.	, One	e Micro	soft Way, F	₹edmo	nd, W	ashing	ton 98	052 (A	\SSIGI	NEE'S
	LEGA	AL R	EPRESE	NTATIVES:), to i	insert	here	in pa	renthe	eses	(filed
	on _	04/26	/2017	and	d given	Appli	ication	No. 15	5/497,4	82	by
	the	follo	owing	Office _			US)	this
	APPL	.ICA7	ΓΙΟΝ's <i>i</i>	Application	1 No., f	filing	date, a	nd Offi	ce, wh	en kn	iown;
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	No_	**********	*********	by tl	ne follo	owing	Office				
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Adelymet	04/18/2017
Inventor's Signature	Date
Mehmet lyigun	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 400342-US-NP

joint invento	or of subject matte intitled " <u>Boosting Us</u>	r ("INVENTION") disclosed	original inventor or an original and/or claimed in a patent <u>Fo Resolve Priority Inversions</u> "
	ASSIGNEE'S legal is LLC., One Microsof LEGAL REPRESENT on 04/26/2017 the following O	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washings (ATIVES), to insert here and given Application of US collication of the Marketton of t	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. 15/497,482 by
	No	and was given A by the following Office ":	application
behalf of itse of acquiring priority, in the derived ther	elf and its successor , the entire and ex- he INVENTION and t efrom, such as con-	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
	·		EE'S LEGAL REPRESENTATIVES
	 Application No., f DERIVATIVES after 		the following table for any
Application		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"));

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		And 21,200
	inventor's Signature	Date
4	Christopher Peter Kleynhans	
ı	Printed Name in English	Printed Name in Native Language
		(if other than English)

MS Docket No.: 400342-US-NP

PATENT ASSIGNMENT

I Syed A. Raza ("ASSIGNOR") am the original inventor or an original joint inventor
of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled
"Boosting User Mode Thread Priorities To Resolve Priority Inversions" ("APPLICATION").
which:

\boxtimes	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
	on <u>04/26/2017</u> and given Application No. <u>15/497,482</u> by
	the following Office US this
	APPLICATION's Application No., filing date, and Office, when known
	was filed on and was given Application
	No by the following Office
	ις ".

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	
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PATENT REEL: 042148 FRAME: 0518 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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Syed Row	04/25/2017
Inventor's Signature	Date
Syed A. Raza	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Dans 7 of 7

PATENT

REEL: 042148 FRAME: 0519