# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5785142

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT LOVEJOY GOODWIN	10/18/2019
DRAGOS BARAC	10/17/2019
ABHINAV JAIN	10/18/2019
KRYSTIAN KRZYSZTOF WALEC	10/18/2019
PEDRAM FAGHIHI REZAEI	10/17/2019

#### **RECEIVING PARTY DATA**

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

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16662001

## **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.comCorrespondent Name:CHRISTOPHER OCHSAddress Line 1:ONE MICROSOFT WAY

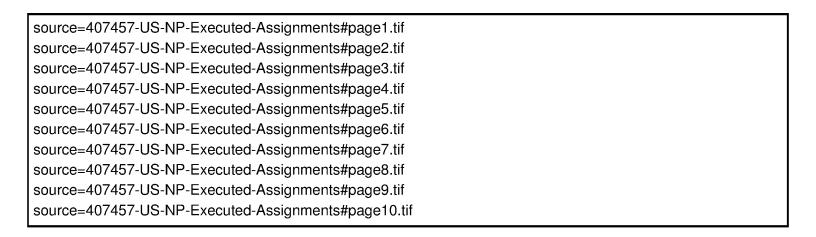
Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	407457-US-NP
NAME OF SUBMITTER:	DAVID HUNTLEY
SIGNATURE:	/ David Huntley 40309 /
DATE SIGNED:	10/23/2019

**Total Attachments: 10** 

PATENT REEL: 050808 FRAME: 0603

505738328



PATENT REEL: 050808 FRAME: 0604

I <u>Robert Loyelov GOODWIN</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>Modifying Program Modules in Running Applications</u>" ("APPLICATION"), which:

Ø	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed on October 23, 2019 and given Application No. 16662001 by
	the following Office USPTO
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No

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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Page 1 of 2

MS Docket No.: 407457-US-NP

REEL: 050808 FRAME: 0605

MS Docket No.: 407457-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

Robert Lovejoy GOODWIN

Printed Name in English

Printed Name in Native Language
(if other than English)

I <u>Dragos BARAC</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modifying Program Modules in Running Applications" ("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

on October 23, 2019	and given Applica	tion No. <u>1666200</u>	<u>)1</u> by
the following Off			) this
APPLICATION's Appl	ication No., filing dat	e, and Office, wi	ien known;
was filed on	and was given	Application	
No	by the following Offi	ice "";	Sed 44 C

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Application No.		}
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MS Docket No.: 407457-US-NP

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Hawe	10/17/19
Inventor's Signature	Date
Dragos BARAC	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Abhinav JAIN</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>Modifying Program Modules in Running Applications</u>" ("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
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the following Office USPTO
was filed on and was given Application
Noby 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"));

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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).

Ablican Jain	10/18/2019	- 100-
Inventor's Signature	Date	3.
Abhinav JAIN		55 
Printed Name in English	Printed Name in Native Language (if other than English)	

I Krystian Krzysztof WALEC ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modifying Program Modules in Running Applications" ("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 on October 23, 2019 and given Application No. 16662001 the following Office USPTO ) 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

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Mu Jm	10/18/2013	
// Inventor's Signature	Date	
Krystian Krzysztof WALEC Printed Name in English	Printed Name in Native Language (if other than English)	

I Pedram FAGHIHI REZAEI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Modifying Program Modules in Running Applications" ("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 on October 23, 2019 and given Application No. 16662001 by the following Office USPTO 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; Filing Date Application No. Office

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<b>3340.</b>	10/17/2019
Inventor's Signature	Date
Pedram FAGHIHI REZAEI	پدرام فقیهی رضایی 
Printed Name in English	Printed Name in Native Language
	(if other than English)

**RECORDED: 10/23/2019**