### 506627416 04/23/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6674225

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
VLADIMIR KOSTADINOV STOYANOV	04/12/2021
ARTEM BELKINE	04/13/2021
GUSTAVO HERNANDO CATALANO-FONSECA	04/13/2021
CHRISTIAN CRUZ MONTOYA	04/13/2021
DAVID BELANGER	04/13/2021
CLARK DAVID NICHOLSON	04/19/2021

### **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:	17239354

### **CORRESPONDENCE DATA**

Fax Number:

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:** 888-785-1482

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Correspondent Name: NEWPORT IP, LLC
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Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9526US
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	04/23/2021

PATENT 506627416 REEL: 056027 FRAME: 0179

# Total Attachments: 12 source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page1.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page2.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page3.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page4.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page5.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page6.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page7.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page8.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page9.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page10.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page11.tif source=409249\_US\_NP\_MS1\_9526US\_Assignments-as-filed-4-23-21#page11.tif

PATENT REEL: 056027 FRAME: 0180

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

original joint invent	or of subject matter (" ntitled "ENHANCE SING	INVENTION") di	n the original inventor or an sclosed and/or claimed in a OW FOR SECURE COMPUTING
LLC., C LEGAL on Ap the fo	NEE'S legal representatione Microsoft Way, Redr REPRESENTATIVES), to pril 23, 2021 and giv Ilowing Office <u>"US – L</u> this APPLICATION's Ap	ve, Microsoft <sup>-</sup> nond, Washingt o insert here en Application I Inited States P	on 98052 (ASSIGNEE'S in parentheses (filed No. 17/239,354 by latent and Trademark
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behalf of itself and it of acquiring, the en priority, in the INVEN derived therefrom, s United States, its ter	es successors and assignatire and exclusive righ NTION and the APPLICA such as continuing apportitories, and all foreignates	is ("ASSIGNEE"), ts, title and int TION (and all of lications, in wh countries ("APP	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
• •	ation No., filing date, ATIVES after they are kn		the following table for any
Application No.	Filing Date	2	Office

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

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).

Vladimir Stoyanov	April 12 2021
Inventor's Signature	Date
Vladimir Kostadinov STOYANOV	Владимир Костадинов Стоянов
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

I <u>Artem BELKINE</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENHANCE SINGLE SIGN-ON FLOW FOR SECURE COMPUTING RESOURCES", which:

$\boxtimes$	will be fi	led. AS:	SIGNOR	hereby	autho	orizes,	and	requ	ests,
	ASSIGNEE'S	legal rep	resentat	ive, Mic	rosoft	Techno	ology	Licen	sing,
	LLC., One N	Aicrosoft W	/ay, Redi	mond, W	ashing	ton 980	)52 ( <i>/</i>	ASSIGN	JEE'S
	LEGAL REP on April 23	RESENTAT 3, 2021	IVES),   ti _and giv	o insert ven Appl	here ication	in par No. <u>17</u>	renth 7/239	eses ( ,354	filed by
	the followi								
	Office"; this when know		TON's A	pplicatio	in No.,	filing c	late, :	and Of	ffice,
	was filed o	n		and	was giv	/en App	olicati	ion	
	No		by 1	the follo	wing O	ffice " <u>U</u>	<u>s - u</u>	<u>nited</u>	
	States Pate		demark (	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	
<b></b>			

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Inventor's Signature

Date

Artem BELKINE

Printed Name in English

Printed Name in Native Language

(if other than English)

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

or an origina	l joint inventor of solication entitled "EN	ubject matter ("INVENTION	NOR") am the original inventor I") disclosed and/or claimed in LOW FOR SECURE COMPUTINC
	ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on April 23, 2021 the following Off	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing FATIVES), to insert here and given Application ice "US - United States CATION's Application No.,	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed No. 17/239,354 by Patent and Trademark
	was filed on	and was gi	ven Application
	No	by the following O	Office " <u>US – United</u>
	States Patent and	<u> Frademark Office</u> ";	
behalf of itse of acquiring, priority, in the derived there United States	If and its successors, the entire and exe ne INVENTION and t efrom, such as cont s, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in the APPLICATION (and all cinuing applications, in what all foreign countries ("AP	n limited liability company, on the initial to, and is desirous nterest, including the right of other applications and patents hole or in part, in and for the PLICATION DERIVATIVES"));
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Application		Filing Date	Office
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Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

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Inventor's Signature

Gustavo Hernando CATALANOFONSECA

Printed Name in English

Printed Name in Native Language
(if other than English)

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

I <u>Christian Cruz MONTOYA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENHANCE SINGLE SIGN-ON FLOW FOR SECURE COMPUTING RESOURCES", which:

X	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 April 23, 2021 and given Application No. 17/239,354 by		
	the following Office "US - United States Patent and Trademark		
	Office"; this APPLICATION's Application No., filing date, and Office,		
	when known;		
	was filed onand was given Application		
	No by the following Office " <u>US – United</u>		
	States Patent and Trademark 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

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

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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Inventor's Signature	4/13/2021 Date
Christian Cruz MONTOYA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

inventor of	subject matter entitled "ENHAN	("INVENTION") disclo	riginal inventor or an original osed and/or claimed in a p N FLOW FOR SECURE COMPU	atent
	ASSIGNEE'S lega LLC., One Micros LEGAL REPRESEN on April 23, 202 the following O	I representative, Micoft Way, Redmond, WNTATIVES), to insert $\frac{1}{1}$ and given Applefice "US - United S	authorizes, and requests, crosoft Technology Licensing, /ashington 98052 (ASSIGNEE'S there in parentheses (filed lication No. 17/239,354 by States Patent and Trademark on No., filing date, and Office,	
	No		was given Application owing Office " <u>US – United</u>	
behalf of itse of acquiring priority, in the derived there United States ASSIG to insert the	If and its success the entire and one INVENTION and efrom, such as consists territories, a NOR hereby author Application No.	ors and assigns ("ASSI exclusive rights, title If the APPLICATION (a ontinuing application and all foreign countri	hington limited liability compar IGNEE"), is entitled to, and is destand interest, including the right all other applications and pass, in whole or in part, in and folies ("APPLICATION DERIVATIVES ASSIGNEE'S LEGAL REPRESENTA fice into the following table for	sirous ght of gatents or the "));
Application		Filing Date	Office	

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

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avid Odany 04/13/2021

Inventor's Signature

o, soignatus c

David BELANGER

Printed Name in English

Printed Name in Native Language

(if other than English)

Client Docket No.: 409249-US-NP Attorney Docket No.: MS1-9526US

l <u>Clark David NICHOLSON</u>	("ASSIGN	NOR") am	the orig	inal in	ventor c	or an origina
joint inventor of subject matter	("INVEN"	TION") dise	closed a	and/or	claimed	l in a patent
application entitled "ENHANCE	SINGLE	SIGN-ON	FLOW	FOR	SECURE	COMPUTING
RESOURCES", which:						
W will be filed	SCICNO	) harabı	auth ari	. <b>.</b>	and raa	octo

X	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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	on <b>April 23, 2021</b> and given Application No. <b>17/239,354</b> by
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Clark David Nicherton 4/19/201

Inventor's Signature Date

Clark David NICHOLSON

RECORDED: 04/23/2021

Printed Name in English

Printed Name in Native Language (if other than English)