

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7409706

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR DOC DATE AND ASSIGNEE ADDRESS previously recorded on Reel 053600 Frame 0140. Assignor(s) hereby confirms the ASSIGNOR DOC DATE: APRIL 18, 2020 AND ASSIGNEE ADDRESS: 5600 148TH AVENUE NE, (INTERNAL ADDRESS: REDWEST-C), REDMOND, WA 98052.
RESUBMIT DOCUMENT ID:	507231130
CONVEYING PARTY DATA	
Name	Execution Date
PARANTHAMAN SARAVANAN	04/20/2020
MARC ANDREW POWER	08/25/2020
YANG ZHANG	04/17/2020
MATTHIAS ADAM LEIBMANN	04/13/2020
GRIGORY V. KAPLIN	04/13/2020
YI ZENG	04/18/2020
RECEIVING PARTY DATA	
Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	5600 148TH AVENUE NE
Internal Address:	REDWEST-C
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16851286
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	952-467-6088
Email:	drud@khcip.com
Correspondent Name:	MICROSOFT CORPORATION
Address Line 1:	5600 148TH AVAENUE NE
Address Line 2:	REDWEST-C
Address Line 4:	REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	408196-US-NP
NAME OF SUBMITTER:	DAWN C. RUD
SIGNATURE:	/Dawn C. Rud/
DATE SIGNED:	06/30/2022

Total Attachments: 16

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PARANTHAMAN SARAVANAN	04/20/2020
MARC ANDREW POWER	08/25/2020
YANG ZHANG	04/17/2020
MATTHIAS ADAM LEIBMANN	04/13/2020
GRIGORY V. KAPLIN	04/13/2020
YI ZENG	04/17/2020
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:	16851286
CORRESPONDENCE DATA	
Fax Number:	(425)401-5199
Phone:	2065698198
Email:	jim@liangip.com
<i>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.</i>	
Correspondent Name:	CHEN LIANG
Address Line 1:	1750 112TH AVE NE, SUITE D-152
Address Line 4:	BELLEVUE, WASHINGTON 98004
ATTORNEY DOCKET NUMBER:	408196-US-NP
NAME OF SUBMITTER:	CHEN LIANG
Signature:	/Chen Liang/

Date:	08/26/2020
Total Attachments: 12 source=408196-US-NP Assignment Signed#page1.tif source=408196-US-NP Assignment Signed#page2.tif source=408196-US-NP Assignment Signed#page3.tif source=408196-US-NP Assignment Signed#page4.tif source=408196-US-NP Assignment Signed#page5.tif source=408196-US-NP Assignment Signed#page6.tif source=408196-US-NP Assignment Signed#page7.tif source=408196-US-NP Assignment Signed#page8.tif source=408196-US-NP Assignment Signed#page9.tif source=408196-US-NP Assignment Signed#page10.tif source=408196-US-NP Assignment Signed#page11.tif source=408196-US-NP Assignment Signed#page12.tif	
RECEIPT INFORMATION EPAS ID: PAT6268114 Receipt Date: 08/26/2020	

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I Paranthaman Saravanan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("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 _____ and given 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 April 17, 2020 and was given Application No. 16851286 by the following Office "USPTO";

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;

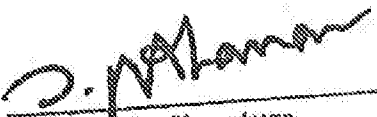
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 408196-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	<u>4/20/2020</u> _____ Date
Paranthaman Saravanan _____ Printed Name in English	_____ Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I Marc Andrew Power ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("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 _____ and given Application No. _____ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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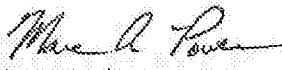
Application No.	Filing Date	Office

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MS Docket No.: 408196-US-NP

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 Inventor's Signature	8/25/2020 Date
Marc Andrew Power Printed Name In English	 Printed Name In Native Language (If other than English)

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I Yang Zhang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("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 _____ and given 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 April 17, 2020 and was given Application No 16851286 by the following Office "USPTO";

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Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

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	4/17/2020
Inventor's Signature	Date
Yang Zhang	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I Matthias Adam Leibmann ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("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 April 17, 2020 and given Application No. 16851286 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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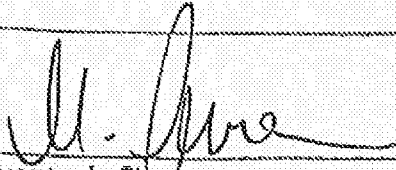
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

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 _____ Inventor's Signature	<u>4-13-2020</u> _____ Date
<u>Matthias Adam Leibmann</u> _____ Printed Name in English	_____ Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I Grigory V. Kaplin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("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 April 17, 2020 and given Application No. 16851286 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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 Inventor's Signature	<u>4/13/2020</u> Date
Grigory V. Kaplin Printed Name In English	 Printed Name In Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 408196-US-NP

I, Yi Zeng ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "KEYLESS AUTHENTICATION SCHEME OF COMPUTING SERVICES" ("APPLICATION"), which:

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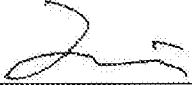
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	<u>4/18/2020</u>
Inventor's Signature	Date
Yi Zeng	YI ZENG
Printed Name in English	Printed Name in Native Language (if other than English)