

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6018200

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANJANEYA MALPANI	03/09/2020
JAGADEESH VIRUPAKSHA HULIYAR	03/09/2020
XINYUN SUN	03/09/2020
SREERAM NIVARTHI	03/09/2020
MUTHUKRISHNAN PARAMASIVAM	03/13/2020
DHEEPAK RAMASWAMY	03/10/2020
SRIRADHA SELVARAJ	03/17/2020
ANANTHATEJAS RAGHAVAN	03/10/2020
SERGEY YEKHANIN	03/09/2020
JANARDHAN KULKARNI	03/09/2020
ALEKSEY ASHIKHMIN	03/09/2020
SIVAKANTH GOPI	03/09/2020
BINGRAN LUO	03/09/2020
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:	16809900
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>	
Email:	usdocket@microsoft.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402

PATENT

ATTORNEY DOCKET NUMBER:	408127-US-NP/1777.E60US1
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	03/17/2020

Total Attachments: 27

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 408127-US-NP (1777.E60US1)

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Anjaneya Malpani, Jagadeesh Virupaksha Huliya,
Xinyun Sun, Sreeram Nivarthi, Muthukrishnan
Paramasivam, Dheepak Ramaswamy, Sriradha Selvaraj,
Ananthatejas Raghavan, Sergey Yekhanin, Janardhan
Dattatreya Kulkarni, Aleksey Ashikhmin, Sivakanth
Gopi, Bingran Luo

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: March 9, 2020, March 9, 2020, March
9, 2020, March 9, 2020, March 13, 2020, March 10,
2020, March 17, 2020, March 10, 2020, March 9, 2020,
March 9, 2020, March 9, 2020, March 9, 2020, March 9,
2020

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 16/809,900

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Thierry Lo

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

[] Enclosed

[] Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy
of the original document.

Thierry Lo/Reg. No. 49,097

/Thierry Lo/

3/17/2020

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 27

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 052184 FRAME: 0262

I Anjaneya Malpani ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", 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 _____) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on March 5, 2020 and was given Application No 16/809,900 by the following Office "US Patent Office";

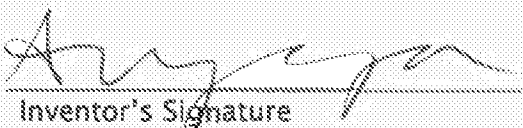
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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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 Inventor's Signature	<u>03/09/2020</u> Date
Anjaneya Malpani Printed Name in English	 Printed Name in Native Language (if other than English)

I Jagadeesh Virupaksha Hulyar ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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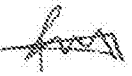
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	9 th March 2020
Inventor's Signature	Date
Jagadeesh Virupaksha Hulyar	
Printed Name in English	Printed Name in Native Language (if other than English)

I Xinyun Sun (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “NOISE GENERATION FOR DIFFERENTIAL PRIVACY”, 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 _____) this APPLICATION’s Application No., filing date, and Office, when known;

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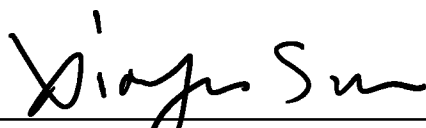
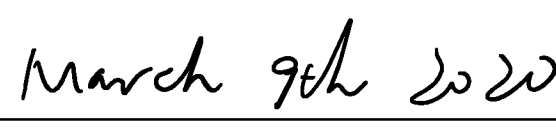
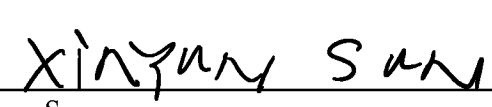

Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 408127-US-NP

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 _____ Inventor's Signature	 _____ Date
 _____ Xinyun Sun Printed Name in English	 _____ Printed Name in Native Language (if other than English)

I Sreeram Nivarthi (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “NOISE GENERATION FOR DIFFERENTIAL PRIVACY”, 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 _____) this APPLICATION’s Application No., filing date, and Office, when known;
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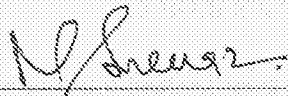
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	<u>3/9/20</u>
Inventor's Signature	Date
Sreeram Nivarthi	
Printed Name in English	Printed Name in Native Language (if other than English)

I Muthukrishnan Paramasivam ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", 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 _____) this APPLICATION's Application No., filing date, and Office, when known;
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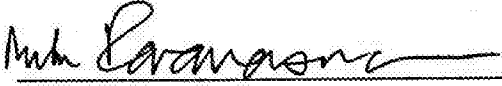
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	MAK 13 2020
Inventor's Signature	Date
Muthukrishnan Paramasivam	
Printed Name in English	Printed Name in Native Language (if other than English)

I Dheepak Ramaswamy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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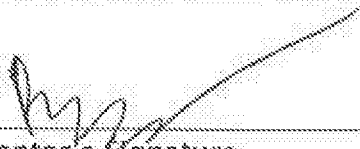
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 Inventor's Signature	03/10/2020 Date
Dheepak Ramaswamy Printed Name in English	 Printed Name in Native Language (if other than English)

I Sriradha Selvaraj ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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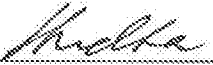
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 _____ Inventor's Signature	<u>3/17/2020</u> _____ Date
<u>Sriradha Selvaraj</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 408127-US-NP

I Ananthatejas Raghavan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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	03/10/2020
Inventor's Signature	Date
Ananthatejas Raghavan	
Printed Name in English	Printed Name in Native Language (if other than English)

I Sergey Yekhanin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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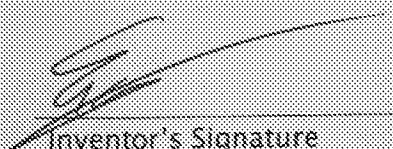
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	3/9/2020
Inventor's Signature	Date
Sergey Yekhanin	СЕРГЕЙ ЕХАНУН
Printed Name in English	Printed Name in Native Language (if other than English)

I Janardhan Kulkarni ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", 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 _____) this APPLICATION's Application No., filing date, and Office, when known;
- ☒ was filed on March 5, 2020 and was given Application No 16/809,900 by the following Office "US Patent Office";

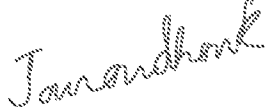
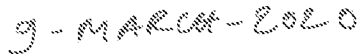
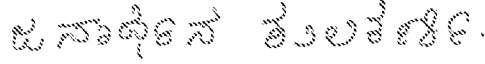
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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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Application No.	Filing Date	Office

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	Date
Janardhan Kulkarni	
Printed Name in English	Printed Name in Native Language (if other than English)

I Aleksey Ashikhmin ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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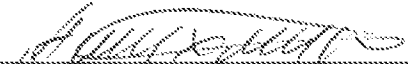
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 _____ Inventor's Signature	<u>03/09/2020</u> _____ Date
Aleksey Ashikhmin _____ Printed Name in English	АЛЕКСЕЙ АШИХМИН _____ Printed Name in Native Language (if other than English)

I Sivakanth Gopi ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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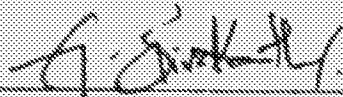
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 _____ Inventor's Signature	9 March 2020 _____ Date
Sivakanth Gopi _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Bingran Luo ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NOISE GENERATION FOR DIFFERENTIAL PRIVACY", which:

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<u>Bingran Luo</u>	<u>03/09/2020</u>
Inventor's Signature	Date
<u>Bingran Luo</u>	<u>罗彬</u>
Printed Name in English	Printed Name in Native Language (if other than English)