508240128 11/20/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8287317

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
DAVID RAY CHEN		01/10/2023
KING HAO CHEN		01/10/2023
GIAN PAOLO PILE CRUZ		01/10/2023
MICHAEL GROSECLOSE		12/14/2022
AARON SIDNEY KAUFER		12/15/2022
CAIO MENDONCA YASSOYAMA		12/15/2022
XIAO CHEN		12/21/2022
NAGA RAMESH KAMISETTI		12/14/2022
JONATHAN ZHANG		12/15/2022
JAY QUIN		12/14/2022
DONG LI		01/02/2023
ZACHARY RUDE		12/15/2022
GREGORY REINER		12/15/2022
ANTHONY SAMAHA		01/10/2023
HWA YOUNG JUNG		01/26/2023
EMAN ASHOUR ZOMRAWY MOR	HAMMED	12/15/2022
MICHAEL SHEPPARD HOROWIT	Z	12/22/2022
ABHISHEK JAIN		01/11/2023
ERIK WEISS		12/15/2022
XIANDA WEI		12/15/2022
JAMES MATTHEW RYBURN		01/13/2023
MIREILLE GONTHIER		12/15/2022

RECEIVING PARTY DATA

Name:	META PLATFORMS TECHNOLOGIES, LLC
Street Address:	1601 WILLOW ROAD
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	18060716	
CORRESPONDENCE DATA		
Fax Number:		
	the e-mail address first; if that is unsuccessful, it will be sent	
	; if that is unsuccessful, it will be sent via US Mail.	
Phone:	8014786900	
Email:	slcipmail@gtlaw.com, shan.jiang@gtlaw.com	
Correspondent Name:	GREENBERG TRAURIG, LLP - META PLATFORMS, INC.	
Address Line 1:	77 WEST WACKER DRIVE	
Address Line 2:	SUITE 3100	
Address Line 4:	CHICAGO, ILLINOIS 60601	
ATTORNEY DOCKET NUMBER:	114713-265001	
NAME OF SUBMITTER:	SHAN JIANG	
SIGNATURE:	/Shan Jiang/	
DATE SIGNED:	11/20/2023	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 20		
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COMBINED ASSIGNMENT/DECLARATION (37 CFR 1.63)

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Meta Platforms Technologies, LLC, a Delaware Limited Liability Company, having a place of business at 1601 Willow Road, Menlo Park, California 94025 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

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INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.
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INVENTOR hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature David Chen (Jan 10, 2023 11:41 PST) David Ray Chen

Name and Signature

King Hao Chen King Hao Chen (Jan 10, 2023 12:30 PST)

King Hao Chen

Name and Signature

Gian Paolo Pile Cruz Gian Paolo Pile Cruz (Jan 10, 2023 14:46 EST)

Gian Paolo Pile Cruz

Name and Signature

Mike	gros	eclose
Mike Groseclos g		

Michael Groseclose

Date of Signature

Jan 10, 2023

Date of Signature

Jan 10, 2023

Date of Signature

Jan 10, 2023

Date of Signature

Dec 14, 2022

Name and Signature

<u>Aaron Sidney Kaufer</u>

Aaron Sidney Kaufer

Name and Signature

Caio Mendonca Yassoyama Caio Mendonca Yassoyama (Dec 15, 2022 13:42 PS1)

Caio Mendonca Yassoyama

Name and Signature

<u>Xiao Chen</u> Xiao Chen (Dec 21, 2022 18:58 PST)

Xiao Chen

Name and Signature

Naga Ramesh Kamisetti

Name and Signature

2-: 72 jonathan zhang (Dec. 15, 2022 09:28 PST)

Jonathan Zhang

Name and Signature

Jab. Jay Quin (Dec. 14, 2022 17:57 PST)

Jay Quin

Name and Signature

Dona Dong Li (Jes 2, 2023 21:05 PST)

Dong Li

Date of Signature

Dec 15, 2022

Date of Signature

Dec 15, 2022

Date of Signature

Dec 21, 2022

Date of Signature

Date of Signature

Dec 15, 2022

Date of Signature

Dec 14, 2022

Date of Signature

Jan 2, 2023

Name and Signature

2022 11:04 PST)

Zachary Rude

Name and Signature

Gregory Reiner Gregory Reiner (Dec 15, 2022 08:41 EST)

Gregory Reiner

Name and Signature

Anthony Samaha Anthony Samana (Jan 10, 2023 14:43 EST)

Anthony Samaha

Name and Signature

Hwa Young Jung

Name and Signature

Eman Mohammed Eman Mohammed (Dec 15, 2022 10:31 EST)

Eman Ashour Zomrawy Mohammed

Name and Signature

Michael forowitz (Dec 22, 2022 17:89 EST)

Michael Sheppard Horowitz

Name and Signature

hishek Jain ibhishek Jain (Jan 11, 2023 23:51 EST)

Abhishek Jain

Date of Signature

Dec 15, 2022

Date of Signature

Dec 15, 2022

Date of Signature

Jan 10, 2023

Date of Signature Jan 26, 2023

Date of Signature

Dec 15, 2022

Date of Signature

Dec 22, 2022

Date of Signature

Jan 11, 2023

Name and Signature Date of Signature Tik Weiss Dec 15, 2022 Neiss (Dec 15, 2022 11:40 CST) **Erik Weiss** Name and Signature Date of Signature Xianda Wei Name and Signature Date of Signature James Matthew Ryburn Name and Signature Date of Signature Mirsille Gonthier Dec 15, 2022 ille Conthier (Dec 19 **Mireille Gonthier**

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Name and Signature	Date of Signature
David Ray Chen	
Name and Signature	Date of Signature
King Hao Chen	
Name and Signature	Date of Signature
Gian Paolo Pile Cruz	
Name and Signature	Date of Signature
Michael Groseclose	

Name and Signature	Date of Signature
Aaron Sidney Kaufer	
Name and Signature	Date of Signature
Caio Mendonca Yassoyama	
Name and Signature	Date of Signature
Xiao Chen	
Name and Signature	Date of Signature
Naga Ramash Kamisetti (Dec 14, 2022 17:24 PST)	Dec 14, 2022
Naga Ramesh Kamisetti	
Name and Signature	Date of Signature
Jonathan Zhang	
Name and Signature	Date of Signature
Jay Quin	
Name and Signature	Date of Signature
Dong Li	

Name and Signature	Date of Signature
Zachary Rude	
Name and Signature	Date of Signature
Gregory Reiner	
Name and Signature	Date of Signature
Anthony Samaha	
Name and Signature	Date of Signature
Hwa Young Jung	
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Eman Ashour Zomrawy Mohammed	
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Michael Sheppard Horowitz	
Name and Signature	Date of Signature
Abhishek Jain	

Name and Signature	Date of Signature
Erik Weiss	
Name and Signature	Date of Signature
Xianda Wei	
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James Matthew Ryburn	
Name and Signature	Date of Signature
Mireille Gonthier	

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Michael Sheppard Horowitz	
Name and Signature	Date of Signature
Abhishek Jain	

Name and Signature Date of Signature Erik Weiss Name and Signature Date of Signature Xianda Wei Name and Signature Date of Signature 9**1**1 Jan 13, 2023 James Mait w Ryburn (Jan 13, 2023 11:15 EST) **James Matthew Ryburn** Name and Signature Date of Signature **Mireille Gonthier**

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Mireille Gonthier

Attorney Docket No.: 114713-265001