PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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TADAYOSHI KOHNO	08/11/2021
FRANZISKA ROESNER	08/09/2021

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17413516

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ATTORNEY DOCKET NUMBER:	3915-P1066US.PNP.UW
NAME OF SUBMITTER:	JANICE KNIEP
SIGNATURE:	/Janice Kniep/
DATE SIGNED:	09/01/2021

Total Attachments: 8

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PATENT 506849500 REEL: 057359 FRAME: 0271

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PATENT REEL: 057359 FRAME: 0272

University of Washington

ASSIGNMENT OF INVENTION AND PATENT RIGHTS ("Assignment")

<u>Inventors</u>: Kiron Lebeck, Tadayoshi Kohno and Franziska Roesner

(hereinafter referred to as "INVENTORS")

Patent Application Serial No: PCT/US2019/065797

Filing Date: December 11, 2019

TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED

<u>Title</u>: APPLICATIONS TO CONCURRENTLY GENERATE AUGMENTED REALITY

PRESENTATIONS

<u>UW Reference No</u>: 48466.02WO2

WHEREAS: INVENTORS have invented, made, or discovered certain new and useful improvements in the following invention, entitled:

"TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS"

including all works, technology, and embodiments of the invention, heretofore conceived, made or discovered, whether jointly or severally, by said INVENTORS whether or not patentable and whether or not included in a patent application (hereinafter referred to as "INVENTIONS") for which Patent Application Serial Number PCT/US2019/065797 was filed on December 11, 2019.

<u>ASSIGNORS</u>: Kiron Lebeck, Tadayoshi Kohno and Franziska Roesner (hereinafter referred to as "ASSIGNORS")

<u>ASSIGNEE</u>: **University of Washington**, a public institution of higher education in the State of Washington, having a place of business at Seattle, Washington, (hereinafter referred to as "ASSIGNEE").

WHEREAS: ASSIGNEE is desirous of acquiring ASSIGNORS' entire rights, titles, and interests in, to, and under said INVENTIONS and in, to, and under any Letters Patent, patent applications (including all patent applications that share or claim the benefit, right of priority, and/or right to grant to or from the patent application(s), (hereinafter referred to as "Applications") under any international convention), inventor's certificates or similar legal protection to be obtained therefor in the United States and its territorial possessions, in any and all foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter referred to as "Patent(s)").

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by ASSIGNORS:

Patent Application Serial No: PCT/US2019/065797
Filing Date: December 11, 2019
UW Reference No: 48466.02WO2

Title: TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO

CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS

ASSIGNORS hereby do sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives and assigns, their entire rights, titles, and interests in and to: (a) said INVENTIONS; (b) said Applications, including the right to claim the benefit, right of priority, and/or right to grant to or from said Application(s); (c) each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) each and every patent and application filed in the United States or filed outside the United States and corresponding to said INVENTIONS or claim the benefit, right of priority, and right to grant to or from the Applications or Patents; and (g) all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for ASSIGNEE'S own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

ASSIGNORS hereby authorize and request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the ASSIGNEE, or its successors and assigns, for the sole use of said ASSIGNEE, its successors, legal representatives and assigns.

ASSIGNORS hereby warrant, represent, and covenant that they have full right to convey the entire rights, titles, and interests herein sold, assigned, transferred, and set over and have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

ASSIGNORS hereby covenant and agree to promptly assist ASSIGNEES in obtaining, protecting, and maintaining patent or other proprietary rights for said INVENTIONS to the fullest extent in any country or jurisdiction, provided, however, that reasonable expenses incurred by ASSIGNORS in providing such assistance shall be paid for by ASSIGNEE

The undersigned hereby grant ASSIGNEE or ASSIGNEE'S law firm the power to insert on this Assignment any further identification that may be necessary in order to comply with the rules of the United States Patent Office and the Patent Offices, or equivalent thereof, of any and all foreign countries. The undersigned hereby acknowledge that this Assignment may be executed in counterparts with each party signing separate but identical copies of the same document. The signed copies will together form this Assignment.

Patent Application Serial No: PCT/US2019/065797
Filing Date: December 11, 2019
UW Reference No: 48466.02WO2

Title: TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO

CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS

The terms and covenants of this Assignment shall inure to the benefit of said ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

IN WITNESS WHEREOF, said ASSIGNORS have executed and delivered this instrument to said Assignee as of the dates written below:

Patent Application Serial No: PCT/US2019/065797
Filing Date: December 11, 2019
UW Reference No: 48466.02WO2

TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO

CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS

Inventors:

Title:

By signing below, each inventor asserts that they have read and agreed to the terms herein as originally provided by assignee and that they have not changed the assignment language.

Kiron Lebeck (Printed name)
Executed at _Chapel Hill(city),
North Carolina (state or country),
Dated: <u>8/15/2021</u> .
Signature: / killow Lubuk /
If printed name shown above is not your legal name, notify sender immediately and do not sign above.

Patent Application Serial No:PCT/US2019/065797Filing Date:December 11, 2019UW Reference No:48466.02WO2

TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO

CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS

Inventors:

Title:

By signing below, each inventor asserts that they have read and agreed to the terms herein as originally provided by assignee and that they have not changed the assignment language.

Tadayoshi Kohno (Printed name)
Executed at <u>Seattle</u> (city),
Washington (state or country),
Dated: 8/11/2021 .
Signature: Tadayoshi koluno 2F3DA251F0FA425
If printed name shown above is not your legal name, notify sender immediately and do not sign above.

Patent Application Serial No:PCT/US2019/065797Filing Date:December 11, 2019UW Reference No:48466.02WO2

TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO

CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS

Inventors:

Title:

By signing below, each inventor asserts that they have read and agreed to the terms herein as originally provided by assignee and that they have not changed the assignment language.

Franziska Roesner (Printed name)
Executed at <u>Seattle</u> (city),
Washington, USA (state or country),
Dated: 8/9/2021 .
Signature: Franziska Koushur /
If printed name shown above is not your legal name, notify sender immediately and do not sign above.

Patent Application Serial No: PCT/US2019/065797 Filing Date: December 11, 2019 **UW Reference No:** 48466.02WO2 TECHNIQUES FOR ENABLING MULTIPLE MUTUALLY UNTRUSTED APPLICATIONS TO Title: CONCURRENTLY GENERATE AUGMENTED REALITY PRESENTATIONS **ACCEPTANCE BY ASSIGNEE:** RECEIVED AND AGREED TO BY ASSIGNEE: University of Washington Date: 8/18/2021Signature: / Printed Name: _Patrick Chinkiwsky Title: <u>Patent Portfolio Manager-University of Washingt</u>on

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PATENT REEL: 057359 FRAME: 0280