504400404 06/06/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUHO HENRI RIKHARD ORAVAINEN	05/23/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15596909

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NAME OF SUBMITTER:	KRISTEN DAME
SIGNATURE:	/Kristen Dame/
DATE SIGNED:	06/06/2017

Total Attachments: 3

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PATENT 504400404 REEL: 042618 FRAME: 0888

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4147.021US1 Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office	e: Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Juho Henri Rikhard Oravainen	2. Name and address of receiving party(ies):			
	Name: Unity IPR ApS Street Address: Løvstræde 5			
Additional name(s) of conveying party(ies) attached?				
[]Yes [X]No	City: <u>Copenhagen K, DK-1152</u> Country: <u>Denmark</u>			
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: May 23, 2017				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new appli	cation, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
Serial No. 15/596,909, Filed May 16, 2017				
Additional numbers attached? []Yes [X]No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1			
concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>			
Name: Robert L. Schneiderjohn	[]Enclosed			
Address:	[]Authorized to be charged to deposit account 19-0743			
Schwegman Lundberg & Woessner, P.A. P.O. Box 2938				
Minneapolis, MN 554020938	 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 is of the original document.	nformation is true and correct and any attached copy is a true copy			
Robert L. Schneiderjohn/Reg. No. 72,320	/Robert L. Schneiderjohn/ 01JUN2017			
Name of Person Signing	Signature Date			
	Total number of pages including cover sheet: 3			

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: 042618 FRAME: 0889

ASSIGNMENT

WHEREAS, Juho Henri Rikhard Oravainen (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); and described in the U.S. patent application filed on May 16, 2017, assigned U.S. application number 15/596,909, and titled SYSTEM AND METHOD FOR RENDERING IMAGES IN VIRTUAL REALITY AND MIXED REALITY DEVICES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Unity IPR ApS (the "Assignee"), a company organized and existing under the laws of Denmark, having a place of business at Løvstræde 5, Copenhagen K DK-1152, Denmark, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

PATENT REEL: 042618 FRAME: 0890 Assignors: Juho Henri Rikhard Oravainen

Title: SYSTEM AND METHOD FOR RENDERING IMAGES IN VIRTUAL REALITY AND MIXED REALITY DEVICES

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:

(Signature):

Juho Okavaines

Name: Juho Henri Rikhard Oravainen

City/State: Kannus, Finland

Date:

May 23, 2017

PATENT REEL: 042618 FRAME: 0891

RECORDED: 06/06/2017