

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5923180

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	01/15/2020
CONVEYING PARTY DATA	
Name	Execution Date
ULTRALEAP LIMITED	01/22/2020
RECEIVING PARTY DATA	
Name:	ULTRAHAPTICS IP LTD
Street Address:	THE WEST WING, GLASS WHARF
City:	BRISTOL
State/Country:	UNITED KINGDOM
Postal Code:	BS2 0EL
PROPERTY NUMBERS Total: 8	
Property Type	Number
Application Number:	62609576
Application Number:	62776209
Application Number:	62776274
Application Number:	62776439
Application Number:	62776449
Application Number:	62776457
Application Number:	62776554
Application Number:	16228760
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:	6465531590
Email:	patent@koffskyschwalb.com
Correspondent Name:	MARK I. KOFFSKY
Address Line 1:	KOFFSKY SCHWALB LLC
Address Line 2:	349 FIFTH AVENUE, SUITE 733
Address Line 4:	NEW YORK, NEW YORK 10016
ATTORNEY DOCKET NUMBER:	1133.0180 [72-US]
NAME OF SUBMITTER:	MARK I. KOFFSKY

PATENT

SIGNATURE:	/Mark I. Koffsky/
DATE SIGNED:	01/22/2020
Total Attachments: 2 source=1133.0180.docx#page1.tif source=1133.0180.docx#page2.tif	

PATENT 1133.0132 [55-USP]; 1133.0192 [75-USP]; 1133.0193 [76-USP]; 1133.0194 [77-USP];
1133.0195 [78-USP]; 1133.0196 [79-USP]; 1133.0197 [80-USP]; 1133.0180 [72-US]

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to ULTRAHAPTICS IP LTD (the "Assignee"), a corporation organized and existing under and by virtue of the laws of England and Wales, and having its principal place of business at The West Wing, Glass Wharf, Bristol, England BS2 0EL, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the patent applications set forth in **Schedule 1**, such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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

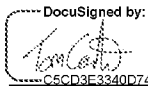
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The foregoing is retroactively effective as of **January 15, 2020**.

ULTRALEAP LIMITED

(Signature) 
Name: Thomas Andrew Carter
Title: Co-Founder & CTO

Date: January 22, 2020

PATENT 1133.0132 [55-USP]; 1133.0192 [75-USP]; 1133.0193 [76-USP]; 1133.0194 [77-USP];
1133.0195 [78-USP]; 1133.0196 [79-USP]; 1133.0197 [80-USP]; 1133.0180 [72-US]

SCHEDULE 1

Title	Filing Date	Serial No.	Docket
Two-State Transducer Interpolation in Acoustic Phased-Arrays	22-Dec-2017	62/609,576	1133.0132 [55-USP]
Modulation Techniques in Acoustic Phased-Arrays	6-Dec-2018	62/776,209	1133.0192 [75-USP]
Fast Acoustic Full Matrix Capture During Haptic Effects	6-Dec-2018	62/776,274	1133.0193 [76-USP]
Time-of-Flight Depth Sensor Fusion System	6-Dec-2018	62/776,439	1133.0194 [77-USP]
Phase Modulated Spherical Wave-Fronts in Acoustic Phased-Arrays	6-Dec-2018	62/776,449	1133.0195 [78-USP]
Long Wavelength Phase Modulation of Acoustic Field for Location and Tracking	6-Dec-2018	62/776,457	1133.0196 [79-USP]
Camera Calibration Through Ultrasonic Range Sensing	7-Dec-2018	62/776,554	1133.0197 [80-USP]
Tracking in Haptic Systems	21-Dec-2018	16/228,760	1133.0180 [72-US]