

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM580701

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LMI Liquidating Co., LLC		12/28/2019	Corporation:
RECEIVING PARTY DATA			
Name:	TriplePoint Capital LLC		
Street Address:	2755 Sand Hill Road		
City:	Menlo Park		
State/Country:	CALIFORNIA		
Postal Code:	94025		
Entity Type:	Limited Liability Company: DELAWARE		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	4764948	AIRSPACE	
Registration Number:	4832231	LEAP MOTION	
Serial Number:	85863252	AIRSPACE	
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:	aalwine@mwe.com		
Correspondent Name:	Judy M. Mohr		
Address Line 1:	McDermott Will & Emery LLP		
Address Line 2:	275 Middlefield Road, Suite 100		
Address Line 4:	Menlo Park, CALIFORNIA 94025		
NAME OF SUBMITTER:	Judy M. Mohr		
SIGNATURE:	/Judy M. Mohr/		
DATE SIGNED:	06/10/2020		
Total Attachments: 25			
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ASSIGNMENT OF SECURITY INTEREST

This Assignment of Security Interest (the "*Assignment*") is made as of December 28, 2019 (the "*Effective Date*"), by LMI Liquidating Co., LLC (the "*Assignor*") in its sole and limited capacity as assignee for the benefit of creditors of Leap Motion, Inc. (the "*Company*"), in favor of TriplePoint Capital LLC, a Delaware limited liability company (the "*Secured Party*").

RECITALS

WHEREAS, the Company and Secured Party were parties to that certain PLAIN ENGLISH GROWTH CAPITAL LOAN AND SECURITY AGREEMENT dated as of November 14, 2012 (as amended, the "*Loan and Security Agreement*"). Pursuant to the Loan and Security Agreement, the Company granted to the Secured Party a lien on, and security interest in, the Company's assets (the "*Collateral*") to secure the Company's obligations, all as set forth in the Loan and Security Agreement.

WHEREAS, the Assignor, in its capacity as assignee for the benefit of the Company's creditors, entered into, among other things, (i) the Asset Purchase Agreement dated as of May 24, 2019 (the "*Purchase Agreement*"), by and among the Assignor, Ultrahaptics IP Two Limited, a company registered in England and Wales with number 11978350 ("*UK Buyer*"), and Ultrahaptics IP Three LLC, a Delaware limited liability company ("*US Buyer*"), for the purchase and sale of the assets of the Company, including the Collateral, (ii) the Debenture dated as of May 24, 2019 (the "*Debenture*"), by and between Assignor and UK Buyer, and (iii) the Plain English Intellectual Property Security Agreement dated as of May 24, 2019 (together with all exhibits and schedules thereto, collectively, the "*IP Security Agreement*"), between Assignor and UK Buyer.

WHEREAS, as a condition for the Secured Party's consent to the Sale of its Collateral, the Secured Party and the Assignor entered into that certain SIDE AGREEMENT REGARDING TRANSFER OF COLLATERAL AND FUNDING OF GENERAL ASSIGNMENT dated as of May 23, 2019 (the "*Side Agreement*") pursuant to which the Assignor agreed, among other things, to (i) pay in full the Secured Creditor's allowed claim by October 31, 2019 (the "*Allowed Secured Claim*") or (ii) transfer its rights under the Purchase Agreement to the Secured Party and assign the Debenture and IP Security Agreement to the Secured Party, and

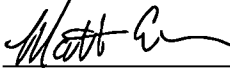
WHEREAS, as of the date of this Agreement, the Allowed Secured Claim has not been paid in full, and the Assignor desires to transfer all of its rights under the IP Security Agreement.

NOW THEREFORE, under and pursuant to the terms of the Side Agreement, the Assignor assigns all of its right, title and interest in and to the IP Security Agreement, including, without limitation, the interests of the Assignor in and to the trademarks and patents set forth on Schedule A attached hereto.

This agreement shall be binding upon and shall inure to the benefit of the respective successors and assigns of the Assignor and Secured Party.

IN WITNESS WHEREOF, Assignor executed and delivered this Assignment by its duly authorized representative as of the Effective Date.

LMI Liquidating Co., Inc.

By: 

Name: Matthew English

Title: Manager

SCHEDULE A

PATENTS, PATENT LICENSES, AND PATENT APPLICATIONS

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	US Prov. App. No. 61/873,351		FREE-SPACE USER INTERFACE AND CONTROL USING VIRTUAL CONSTRUCTS
ULTRAHAPTICS IP TWO LIMITED	US	US Prov. App. No. 61/877,641		FREE-SPACE USER INTERFACE AND CONTROL USING VIRTUAL CONSTRUCTS
ULTRAHAPTICS IP TWO LIMITED	US	US Prov. App. No. 61/724,091		SYSTEMS AND METHODS FOR CAPTURING MOTION IN THREE-DIMENSIONAL SPACE
ULTRAHAPTICS IP TWO LIMITED	US	61/801,479		Determining Positional Information for An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	61/792,025		Determining Positional Information for An
ULTRAHAPTICS IP TWO LIMITED	US	61/800,327		Determining Positional Information for An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	14/214,605	9,702,977	Determining Positional Information Of An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	14/212,485		Determining Positional Information For An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	15/625,856	9,927,522	Determining Positional Information Of An
ULTRAHAPTICS IP TWO LIMITED	US	15/936,185		Determining Positional Information Of An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	61/825,480		Contactless Cursor Control Using Free- space Motion Detection

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	[Unfiled]		Contactless Cursor Control Using Free- space Motion Detection
ULTRAHAPTICS IP TWO LIMITED	US	14/284,280	9,507,442	Multi-function Stylus for Motion Capture
ULTRAHAPTICS IP TWO LIMITED	US	61/724,073		Object Detection and Tracking With Variable-field Illumination Devices
ULTRAHAPTICS IP TWO LIMITED	US	13/744,810	9,285,893	Object Detection and Tracking With Variable-field Illumination Devices
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US13/69231		Object Detection and Tracking With Variable-field Illumination Devices
ULTRAHAPTICS IP TWO LIMITED	DE	11 2013 005 337.3		Object Detection and Tracking With
ULTRAHAPTICS IP TWO LIMITED	CN	2013800584 092		Object Detection and Tracking With Variable-field Illumination Devices
ULTRAHAPTICS IP TWO LIMITED	JP	2015-541939		Object Detection and Tracking With Variable-field Illumination Devices
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		Tbd
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		Tbd
ULTRAHAPTICS IP TWO LIMITED	US	14/710,499	9,697,643	Systems and Methods of Object Shape
ULTRAHAPTICS IP TWO LIMITED	US	14/710,512	9,436,998	Systems and Methods of Constructing Three-Dimensional (3D) Model of an Object Using Image Cross-Sections
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		Systems and Methods of Object Shape and Position Determination Using Image Cross-Sections
ULTRAHAPTICS	US	15/253,741	9,767,345	Systems and Methods of

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				Constructing Three-Dimensional (3D) Model of an Object Using Image Cross-Sections
ULTRAHAPTICS IP TWO LIMITED	US	15/387,353	9,741,136	Systems and Methods of Object Shape
ULTRAHAPTICS IP TWO LIMITED	US	15/681,279	9,881,386	Systems and Methods of Object Shape and Position Determination in Three- Dimensional (3D) Space
ULTRAHAPTICS IP TWO LIMITED	US	15/862,545		Systems and Methods of Object Shape and Position Determination in Three- Dimensional (3D) Space
ULTRAHAPTICS IP TWO LIMITED	US	15/953,320		Systems and Methods of Locating a Control Object Appendage in Three Dimensional (3D) Space
ULTRAHAPTICS IP TWO LIMITED	US	13/724,357	9,070,019	Systems and Methods for Capturing
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US13/21709		Systems and Methods for Capturing Motion In Three-dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	14/723,370	9,945,660	Systems and Methods of Locating a Control Object Appendage in Three Dimensional (3D) Space
ULTRAHAPTICS IP TWO LIMITED	PC	[Closed]		Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	13/414,485		Motion Capture Using Cross-sections Of
ULTRAHAPTICS IP TWO LIMITED	US	13/742,953	8,638,989	Systems and Methods for Capturing Motion in Three-Dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	14/106,140	9,153,028	Systems and Methods for Capturing Motion in Three-Dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	61/873,758		Predictive Information for Free Space Gesture Control and Communication

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	14/474,077		Predictive Information for Free Space
ULTRAHAPTICS IP TWO LIMITED	US	61/891,880		Velocity Field Interaction for Free Space Gesture Interface and Control
ULTRAHAPTICS IP TWO LIMITED	US	14/516,493		Velocity Field Interaction for Free Space Gesture Interface and Control
ULTRAHAPTICS IP TWO LIMITED	US	61/886,586		Directing Light for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	14/506,596	9,632,572	Enhanced Field Of View To Augment
ULTRAHAPTICS IP TWO LIMITED	US	15/493,091		Enhanced Field Of View To Augment Three-dimensional (3D) Sensory Space for Free-space Gesture Interpretation
ULTRAHAPTICS IP TWO LIMITED	CN	2012305012702	ZL2012305012702	Electronic Sensor
ULTRAHAPTICS IP TWO LIMITED	JP	2013-621	1496843	Motion Sensor
ULTRAHAPTICS IP TWO LIMITED	EP	002119107-0001	002119017-0001	Electronic Sensors
ULTRAHAPTICS IP TWO LIMITED	US	13/742,845	8,693,731	Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	JP	2016-104145		Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	US	15/349,864	9,652,668	Enhanced Contrast for Object Detection and Characterization By Optical Imaging Based on Differences Between Images
ULTRAHAPTICS IP TWO LIMITED	CN	201710225106.5		Enhanced Contrast for Object Detection and Characterization By Optical Imaging

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	15/586,048	9,934,580	Enhanced Contrast for Object Detection
ULTRAHAPTICS IP TWO LIMITED	US	15/937,717		Enhanced Contrast for Object Detection and Characterization By Optical Imaging Based on Differences Between Images
ULTRAHAPTICS IP TWO LIMITED	US	14/106,148	9,626,591	Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US13/21713		Enhanced Contrast for Object Detection
ULTRAHAPTICS IP TWO LIMITED	DE	11 2013 000 590.5	11 2013 000 590.5	Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	CN	2013800122765	ZL 2013800122765	Enhanced Contrast for Object Detection
ULTRAHAPTICS IP TWO LIMITED	JP	2014-552391		Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	US	14/959,880	9,495,613	Enhanced Contrast for Object Detection and Characterization By Optical Imaging Using Formed Difference Images
ULTRAHAPTICS IP TWO LIMITED	US	14/959,891	9,672,441	Enhanced Contrast for Object Detection and Characterization By Optical Imaging Based on Differences Between Images
ULTRAHAPTICS IP TWO LIMITED	DE	11 2013 007 297.1		Enhanced Contrast for Object Detection and Characterization By Optical Imaging
ULTRAHAPTICS IP TWO LIMITED	US	61/724,078		Three-dimensional Image Sensors
ULTRAHAPTICS IP TWO LIMITED	US	14/075,792	9,386,298	Three-dimensional Image Sensors
ULTRAHAPTICS	US	15/193,558	9,973,741	Three-dimensional Image Sensors

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				
ULTRAHAPTICS IP TWO LIMITED	US	15/977,878		Three-dimensional Image Sensors
ULTRAHAPTICS IP TWO LIMITED	US	61/724,076		Object Detection and Tracking With Reduced Error Due To Background Illumination
ULTRAHAPTICS IP TWO LIMITED	US	14/075,927	9,392,196	Object Detection and Tracking With
ULTRAHAPTICS IP TWO LIMITED	US	14/163,816	9,348,419	Method for Synchronizing Operation Of Systems
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US2015/012441		Method for Synchronizing Operation of Systems
ULTRAHAPTICS IP TWO LIMITED	US	61/895,965		Determining Positional Information for An
ULTRAHAPTICS IP TWO LIMITED	US	14/523,828		Determining Positional Information for An Object In Space
ULTRAHAPTICS IP TWO LIMITED	US	61/897,186		Virtual Interactions for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	14/527,742		Virtual Interactions for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	61/898,464		Interactions With Virtual Objects for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	14/530,364	9,996,797	Interactions With Virtual Objects for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	16/000,768		Interactions With Virtual Objects for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	61/898,462		Predictive Information for Free Space
ULTRAHAPTICS IP TWO LIMITED	US	14/530,690	9,996,638	Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS	US	16/004,119		Predictive Information for Free Space Gesture Control and

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				Communication
ULTRAHAPTICS IP TWO LIMITED	US	14/094,645		Determining The Orientation Of Objects In Space
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US14/2 3675		Determining The Orientation Of Objects In
ULTRAHAPTICS IP TWO LIMITED	US	61/916,790		User-defined Virtual Interaction Space and Manipulation Of Virtual Cameras In The Interaction Space
ULTRAHAPTICS IP TWO LIMITED	US	14/572,668	9,740,296	User-defined Virtual Interaction Space and Manipulation Of Virtual Cameras In The Interaction Space
ULTRAHAPTICS IP TWO LIMITED	US	14/572,690	9,891,712	User-defined Virtual Interaction Space and Manipulation Of Virtual Cameras With Vectors
ULTRAHAPTICS IP TWO LIMITED	US	14/572,704	10,126,82 2	User-defined Virtual Interaction Space
ULTRAHAPTICS IP TWO LIMITED	US	15/681,149		User-defined Virtual Interaction Space and Manipulation Of Virtual Cameras In The Interaction Space
ULTRAHAPTICS IP TWO LIMITED	US	15/861,578		User-defined Virtual Interaction Space and Manipulation Of Virtual Cameras With Vectors
ULTRAHAPTICS IP TWO LIMITED	US	61/905,103		Interaction Strength Using Virtual Objects for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	14/541,078		Interaction Strength Using Virtual Objects
ULTRAHAPTICS IP TWO LIMITED	US	61/750,007		Object Detection and Tracking With Audio and Optical Signals
ULTRAHAPTICS IP TWO LIMITED	US	14/149,676	9,626,015	Power Consumption In Motion- capture Systems With Audio and Optical Signals
ULTRAHAPTICS	US	14/149,709	9,465,461	Object Detection and Tracking

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				With Audio
ULTRAHAPTICS IP TWO LIMITED	PC	[Closed]		Object Detection and Tracking With Audio and Optical Signals
ULTRAHAPTICS IP TWO LIMITED	US	15/488,014	10,097,754	Power Consumption in Motion-Capture
ULTRAHAPTICS IP TWO LIMITED	US	61/752,725		Dynamic User Interactions for Display Control
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US14/11737		Dynamic User Interactions for Display Control and Customized Gesture Interpretation
ULTRAHAPTICS IP TWO LIMITED	US	14/156,418	9,632,658	Dynamic User Interactions for Display
ULTRAHAPTICS IP TWO LIMITED	US	14/156,424	10,042,510	Dynamic User Interactions for Display Control and Measuring Degree Of Completeness Of User Gestures
ULTRAHAPTICS IP TWO LIMITED	US	14/156,426		Dynamic User Interactions for Display Control and Manipulation Of Display Objects
ULTRAHAPTICS IP TWO LIMITED	CN	201480014375.1		Dynamic User Interactions for Display Control and Customized Gesture Interpretation
ULTRAHAPTICS IP TWO LIMITED	DE	11 2014 000 441.3		Dynamic User Interactions for Display
ULTRAHAPTICS IP TWO LIMITED	US	15/491,752		Dynamic User Interactions for Display Control and Scaling Responsiveness Of Display Objects
ULTRAHAPTICS IP TWO LIMITED	US	15/638,205		Dynamic User Interactions for Display Control and Identifying Dominant Gestures
ULTRAHAPTICS IP TWO LIMITED	US	16/055,010		Dynamic User Interactions for Display Control and Measuring Degree Of Completeness Of User Gestures

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	61/752,731		Dynamic User Interactions for Display Control
ULTRAHAPTICS IP TWO LIMITED	US	61/752,733		Dynamic User Interactions for Display
ULTRAHAPTICS IP TWO LIMITED	US	61/791,204		Dynamic User Interactions for Display Control
ULTRAHAPTICS IP TWO LIMITED	US	14/156,420	9,696,867	Dynamic User Interactions for Display Control and Identifying Dominant Gestures
ULTRAHAPTICS IP TWO LIMITED	US	61/808,959		Gesture Filtering
ULTRAHAPTICS IP TWO LIMITED	US	61/808,984		Gesture Filtering
ULTRAHAPTICS IP TWO LIMITED	US	61/872,538		Interactive Training Recognition Of Free Space Gestures for Interface and Control
ULTRAHAPTICS IP TWO LIMITED	US	14/156,429		Customized Gesture Interpretation
ULTRAHAPTICS IP TWO LIMITED	US	61/911,975		Initializing Predictive Information for Free
ULTRAHAPTICS IP TWO LIMITED	US	14/560,923	9,645,654	Initializing Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	61/756,808		Display-borne Optical System for Variable Field-of-view Imaging
ULTRAHAPTICS IP TWO LIMITED	US	14/151,394		Image Capture System and Method
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US14/13012		Image Capture System and Method
ULTRAHAPTICS IP TWO LIMITED	US	61/924,088		Motion Control Assembly With Battery
ULTRAHAPTICS IP TWO LIMITED	US	14/589,761	9,740,242	Motion Control Assembly With Battery Pack

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	15/677,880	10,095,269	Motion Control Assembly With Battery Pack
ULTRAHAPTICS IP TWO LIMITED	US	16/153,578		Motion Control Assembly With Battery Pack
ULTRAHAPTICS IP TWO LIMITED	US	62/040,169		Systems and Methods Of Interacting With A Robotic Tool Using Free-form Gestures
ULTRAHAPTICS IP TWO LIMITED	US	14/833,016		Systems and Methods of Interacting with
ULTRAHAPTICS IP TWO LIMITED	US	61/749,638		Optimizing Power Consumption In Motion- capture Systems
ULTRAHAPTICS IP TWO LIMITED	US	14/149,663		Power Consumption In Motion- capture Systems
ULTRAHAPTICS IP TWO LIMITED	US	61/755,660		Systems and Methods for Tracking Object Movements In Three-dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	14/162,720	9,105,103	Systems and Methods Of Tracking Object Movements In Three-dimensional Space
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US14/12834		Systems and Methods Of Tracking Object
ULTRAHAPTICS IP TWO LIMITED	US	14/790,940	9,747,691	Retraction Based Three-Dimensional Tracking of Object Movements
ULTRAHAPTICS IP TWO LIMITED	US	61/937,410		Systems and Methods Of Providing Haptic-like Feedback In Three- dimensional (3d) Sensory Space
ULTRAHAPTICS IP TWO LIMITED	US	14/616,603		Systems and Methods Of Providing Haptic-like Feedback In Three- dimensional (3d) Sensory Space
ULTRAHAPTICS IP TWO LIMITED	US	14/616,612		Systems and Methods Of Determining
ULTRAHAPTICS	US	62/007,885		Systems and Methods Of

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				Interacting With A Virtual Grid In A Three-dimensional (3d) Sensory Space
ULTRAHAPTICS IP TWO LIMITED	US	14/625,632		Systems and Methods of Interacting with
ULTRAHAPTICS IP TWO LIMITED	US	15/832,697		Systems and Methods of Interacting with a Virtual Grid in a Three-dimensional (3D) Sensory Space
ULTRAHAPTICS IP TWO LIMITED	US	62/003,298		Systems and Methods Of Gestural Interaction In A Pervasive Computing Environment
ULTRAHAPTICS IP TWO LIMITED	US	14/625,635		Systems and Methods of Gestural
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US2015/032705		Systems and Methods of Gestural Interaction in a Pervasive Computing Environment
ULTRAHAPTICS IP TWO LIMITED	DE	11 2015 002 463.8		Systems and Methods of Gestural Interaction in a Pervasive Computing Environment
ULTRAHAPTICS IP TWO LIMITED	CN	2015800415 94.3		Systems and Methods of Gestural Interaction in a Pervasive Computing Environment
ULTRAHAPTICS IP TWO LIMITED	US	61/924,193		Initializing Orientation In Space for
ULTRAHAPTICS IP TWO LIMITED	US	14/590,983	9,659,403	Initializing Orientation In Space for Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	61/767,997		Adjusting Motion Capture Based On The Distance Between Tracked Objects
ULTRAHAPTICS IP TWO LIMITED	US	14/187,186	9,558,555	Adjusting Motion Capture Based On The Distance Between Tracked Objects
ULTRAHAPTICS	US	15/385,580	9,762,792	Adjusting Motion Capture Based

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				On The
ULTRAHAPTICS IP TWO LIMITED	US	15/699,931	9,986,153	Adjusting Motion Capture Based On The Distance Between Tracked Objects
ULTRAHAPTICS IP TWO LIMITED	US	15/989,092		Adjusting Motion Capture Based On The Distance Between Tracked Objects
ULTRAHAPTICS IP TWO LIMITED	US	61/768,727		Display Control With Gesture-selectable Control Paradigms
ULTRAHAPTICS IP TWO LIMITED	US	14/190,072		Display Control With Gesture-selectable
ULTRAHAPTICS IP TWO LIMITED	US	61/927,919		Object Detection and Tracking for Providing A Virtual Device Experience
ULTRAHAPTICS IP TWO LIMITED	US	14/598,149	9,613,262	Object Detection and Tracking for Providing A Virtual Device Experience
ULTRAHAPTICS IP TWO LIMITED	US	61/938,635		Drift Cancelation for Portable Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	14/620,093	10,007,329	Drift Cancelation for Portable Object
ULTRAHAPTICS IP TWO LIMITED	US	14/620,182		Systems and Methods of Integrating Real Three-dimensional (3D) Space Sensing with Virtual Reality/Augmented Reality Head Mounted Devices
ULTRAHAPTICS IP TWO LIMITED	US	14/620,183		Systems and Methods of Interacting with Virtual Reality and Augmented Reality Environments Using Free-form In-air Gestures
ULTRAHAPTICS IP TWO LIMITED	US	16/016,292		Drift Cancelation for Portable Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	61/773,246		Motion-capture Apparatus With Light-

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	14/198,392		Motion-capture Apparatus With Light- source Form Factor
ULTRAHAPTICS IP TWO LIMITED	US	61/792,087		Dynamic User Interactions for Display Control
ULTRAHAPTICS IP TWO LIMITED	US	14/214,336	9,766,709	Dynamic User Interactions for Display Control
ULTRAHAPTICS IP TWO LIMITED	US	15/696,084		Dynamic User Interactions for Display
ULTRAHAPTICS IP TWO LIMITED	US	61/791,151		Determining The Position Of A Computer Screen
ULTRAHAPTICS IP TWO LIMITED	US	14/214,584	9,625,995	Identifying An Object In A Field Of View
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US2014/029892		Identifying An Object In A Field Of View
ULTRAHAPTICS IP TWO LIMITED	US	15/457,943		Identifying An Object In A Field Of View
ULTRAHAPTICS IP TWO LIMITED	US	61/792,354		Resource-responsive Motion Capture
ULTRAHAPTICS IP TWO LIMITED	US	14/214,569	9,733,715	Resource-responsive Motion Capture
ULTRAHAPTICS IP TWO LIMITED	US	15/641,128		Resource-responsive Motion Capture
ULTRAHAPTICS IP TWO LIMITED	US	61/792,551		Determining The Relative Locations Of
ULTRAHAPTICS IP TWO LIMITED	US	14/214,677	10,037,474	Determining The Relative Locations Of Multiple Motion-tracking Devices
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US14/30013		Determining The Relative Locations Of Multiple Motion-tracking Devices
ULTRAHAPTICS IP TWO LIMITED	US	16/022,638		Determining The Relative Locations Of Multiple Motion-tracking Devices

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	61/952,843		Biometric Aware Object Detection and
ULTRAHAPTICS IP TWO LIMITED	US	14/658,064	9,679,197	Biometric Aware Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	15/611,784		Biometric Aware Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	61/791,067		Reducing Latency In Motion-capture Systems
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		Reducing Latency In Motion-capture
ULTRAHAPTICS IP TWO LIMITED	US	61/816,487		Non-tactile Interface Systems and Methods
ULTRAHAPTICS IP TWO LIMITED	US	14/262,691	9,916,009	Non-Tactile Interface Systems and Methods
ULTRAHAPTICS IP TWO LIMITED	US	15/917,066		Non-Tactile Interface Systems and Methods
ULTRAHAPTICS IP TWO LIMITED	US	61/824,666		Systems and Methods for Providing
ULTRAHAPTICS IP TWO LIMITED	US	14/281,804	9,747,696	Systems and Methods for Providing Normalized Parameters Of Motions Of Objects In Three-dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	61/824,691		Cursor Mode Switching
ULTRAHAPTICS IP TWO LIMITED	US	14/281,817	9,436,288	Cursor Mode Switching
ULTRAHAPTICS IP TWO LIMITED	US	15/213,899	9,552,075	Cursor Mode Switching
ULTRAHAPTICS IP TWO LIMITED	US	15/411,909	9,927,880	Cursor Mode Switching
ULTRAHAPTICS IP TWO LIMITED	US	15/933,199		Cursor Mode Switching
ULTRAHAPTICS	US	61/824,674		Dynamic Cursors

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				
ULTRAHAPTICS IP TWO LIMITED	US	14/281,825		Dynamic Interactive Objects
ULTRAHAPTICS IP TWO LIMITED	US	61/837,975		Tunable Operational Parameters In Motion-capture and Touchless Interface Operation
ULTRAHAPTICS IP TWO LIMITED	US	14/311,166		Tunable Operational Parameters In Motion-capture and Touchless Interface Operation
ULTRAHAPTICS IP TWO LIMITED	US	61/981,162		Safety for Wearable Virtual Reality Devices Via Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	14/690,296	9,754,167	Safety for Wearable Virtual Reality Devices Via Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	15/693,365	10,043,320	Safety for Wearable Virtual Reality Devices Via Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	16/055,012		Safety for Wearable Virtual Reality Devices Via Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	62/005,981		Vehicle Motion Sensory Control
ULTRAHAPTICS IP TWO LIMITED	US	14/725,510	9,868,449	Recognizing In-Air Gestures of a Control Object to Control a Vehicular Control System
ULTRAHAPTICS IP TWO LIMITED	US	61/991,337		Adapter for Attaching A Motion Capture Device To A Head Mounted Display
ULTRAHAPTICS IP TWO LIMITED	US	14/708,021		Adapter for Attaching a Motion Capture
ULTRAHAPTICS IP TWO LIMITED	US	14/708,184		Mounts for Attaching a Motion Capture Device to a Head Mounted Display
ULTRAHAPTICS	PC	PCT/US201		Mounts for Attaching a Motion Capture Device to a Head

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED		5/030040		Mounted Display
ULTRAHAPTICS IP TWO LIMITED	US	29/492,103	D756,443	Motion Capture Device Attachment Adapter
ULTRAHAPTICS IP TWO LIMITED	US	14/286,165	9,648,300	Calibration Of Multi-camera Devices
ULTRAHAPTICS IP TWO LIMITED	US	61/996,778		Systems and Methods Of Tracking Moving Hands and Recognizing Gestural Interactions
ULTRAHAPTICS IP TWO LIMITED	US	14/712,699	9,785,247	Systems and Methods Of Tracking Moving Hands and Recognizing Gestural Interactions
ULTRAHAPTICS IP TWO LIMITED	US	15/728,242	9,983,686	Systems and Methods Of Tracking Moving Hands and Recognizing Gestural Interactions
ULTRAHAPTICS IP TWO LIMITED	US	15/989,090		Systems and Methods Of Tracking Moving Hands and Recognizing Gestural Interactions
ULTRAHAPTICS IP TWO LIMITED	US	62/035,008		Augmented Reality With Motion Sensing
ULTRAHAPTICS IP TWO LIMITED	CN	2014204535364	ZL2014204535364	Augmented Reality With Motion Sensing
ULTRAHAPTICS IP TWO LIMITED	JP	2014-164597		Augmented Reality With Motion Sensing
ULTRAHAPTICS IP TWO LIMITED	KR	[Closed]		Industrial Use Motion Sensory Device
ULTRAHAPTICS IP TWO LIMITED	DE	202014103729.2	202014103729.2	Augmented Reality With Motion Sensing
ULTRAHAPTICS IP TWO LIMITED	US	14/821,499		Augmented Reality With Motion Sensing
ULTRAHAPTICS IP TWO LIMITED	US	61/856,976		Filtering Motion Using Frenet-serret Frames
ULTRAHAPTICS IP TWO LIMITED	US	14/338,136	9,857,876	Non-linear Motion Capture Using Frenet-serret Frames

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	61/857,414		3D Object Definition Using Curved Surfaces
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		3D Object Definition Using Curved
ULTRAHAPTICS IP TWO LIMITED	US	61/857,399		Data Classifiers for Gestures
ULTRAHAPTICS IP TWO LIMITED	US	14/339,367		Systems and Methods Of Interpreting Complex Gestures
ULTRAHAPTICS IP TWO LIMITED	US	62/001,044		Wearable Augmented Reality Devices With Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	14/718,002	9,741,169	Wearable Augmented Reality Devices With Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	15/681,251		Wearable Augmented Reality Devices
ULTRAHAPTICS IP TWO LIMITED	US	62/008,438		Initializing Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	14/732,616	9,646,201	Three Dimensional (3D) Modeling of a Complex Control Object
ULTRAHAPTICS IP TWO LIMITED	US	15/588,138	9,886,097	Three Dimensional (3D) Modeling of a Complex Control Object
ULTRAHAPTICS IP TWO LIMITED	US	15/888,965		Three Dimensional (3D) Modeling of a
ULTRAHAPTICS IP TWO LIMITED	US	62/017,805		Integrated Gestural Interaction and Multi- user Collaboration In Immersive Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	14/751,056	10,007,350	Integrated Gestural Interaction and Multi- User Collaboration in Immersive Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	16/016,463		Integrated Gestural Interaction and Multi- User Collaboration in

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
				Immersive Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	61/864,097		User Interactions for Contactless Display Control
ULTRAHAPTICS IP TWO LIMITED	US	14/457,015		Systems and Methods Of Free-space Gestural Interaction
ULTRAHAPTICS IP TWO LIMITED	US	14/476,694		Systems and Methods Of Free-space Gestural Interaction
ULTRAHAPTICS IP TWO LIMITED	US	62/038,112		Automotive and Industrial Motion Sensory
ULTRAHAPTICS IP TWO LIMITED	CN	2014205211324	ZL 2014205211324	Automotive and Industrial Motion Sensory Device
ULTRAHAPTICS IP TWO LIMITED	JP	2014-004691	3194297	Automotive and Industrial Motion Sensory Device
ULTRAHAPTICS IP TWO LIMITED	DE	20 2014 104 297.0	20 2014 104 297.0	Automotive and Industrial Motion Sensory Device
ULTRAHAPTICS IP TWO LIMITED	US	14/826,102		Automotive and Industrial Motion Sensory Device
ULTRAHAPTICS IP TWO LIMITED	US	14/154,730	9,501,152	Free-space User Interface and Control Using Virtual Constructs
ULTRAHAPTICS IP TWO LIMITED	US	15/358,104	10,042,430	Free-space User Interface and Control Using Virtual Constructs
ULTRAHAPTICS IP TWO LIMITED	US	16/054,891		Free-space User Interface and Control
ULTRAHAPTICS IP TWO LIMITED	US	62/094,015		User Interface for Integrated Gestural Interaction and Multi-user Collaboration In Immersive Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	14/626,820		User Interface for Integrated Gestural Interaction and Multi-user Collaboration In Immersive Virtual Reality Environments
ULTRAHAPTICS	US	62/104,675		Mode Switching for Integrated Gestural Interaction and Multi-

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				user Collaboration In Immersive Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	14/997,454		Mode Switching for Integrated Gestural
ULTRAHAPTICS IP TWO LIMITED	US	62/107,345		Systems and Methods Of Interacting With A Virtual Object
ULTRAHAPTICS IP TWO LIMITED	US	14/626,683	9,767,613	Systems and Methods Of Interacting With A Virtual Object
ULTRAHAPTICS IP TWO LIMITED	US	15/678,896	9,911,240	Systems and Methods Of Interacting With A Virtual Object
ULTRAHAPTICS IP TWO LIMITED	US	62/111,090		Free-form Interaction Modality for
ULTRAHAPTICS IP TWO LIMITED	US	62/116,366		Systems and Methods of Creating a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	14/626,898	9,696,795	Systems and Methods of Creating a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	PC	PCT/US2016/017632		Systems and Methods of Creating a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	15/587,173		Systems and Methods of Creating a
ULTRAHAPTICS IP TWO LIMITED	CN	201680018136.2		Systems and Methods of Creating a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	62/116,368		Systems and Methods of Interacting with Virtual Reality/Augmented Reality Environment using Virtual and Real Objects
ULTRAHAPTICS	US	14/626,904		Systems and Methods of Interacting with Virtual

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				Reality/Augmented Reality Environment using Virtual and Real Objects
ULTRAHAPTICS IP TWO LIMITED	US	62/133,250		Adjusting Frame Rates to Achieve
ULTRAHAPTICS IP TWO LIMITED	US	61/811,415		Systems and Methods for Tracking Ocluded Objects in Three-Dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	14/250,758		Systems and Methods for Tracking Ocluded Objects in Three-Dimensional Space
ULTRAHAPTICS IP TWO LIMITED	US	14/280,018	9,679,215	Systems and Methods for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	15/392,920	9,778,752	Systems and Methods for Machine
ULTRAHAPTICS IP TWO LIMITED	US	15/696,086		Systems and Methods for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	13/952,226		Object Detection and Tracking
ULTRAHAPTICS IP TWO LIMITED	US	14/155,722	9,459,697	Dynamic, Free-Space User Interactions for Machine Control
ULTRAHAPTICS IP TWO LIMITED	US	15/279,363		Dynamic, Free-Space User Interactions
ULTRAHAPTICS IP TWO LIMITED	US	62/215,701		Systems and Methods of Rerendering Image Hands to Create a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	15/256,446		Systems and Methods of Rerendering Image Hands to Create a Realistic Grab Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	62/296,561		Image Based Tracking

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
ULTRAHAPTICS IP TWO LIMITED	US	62/335,497		Machine Learning Based Gesture Recognition
ULTRAHAPTICS IP TWO LIMITED	US	62/335,534		Hand Pose Estimation for Machine
ULTRAHAPTICS IP TWO LIMITED	US	62/335,542		Hand Initialization for Machine Learning Based Gesture Recognition
ULTRAHAPTICS IP TWO LIMITED	US	62/335,545		Data Simulation Machine Learning Based Gesture Recognition
ULTRAHAPTICS IP TWO LIMITED	US	15/432,869		Machine Learning Based Gesture Recognition
ULTRAHAPTICS IP TWO LIMITED	US	15/432,872		Hand Pose Estimation for Machine Learning Based Gesture Recognition
ULTRAHAPTICS IP TWO LIMITED	US	15/432,876		Hand Initialization for Machine Learning
ULTRAHAPTICS IP TWO LIMITED	US	[Closed]		Network Chain Object Classifier
ULTRAHAPTICS IP TWO LIMITED	US	15/605,852		Interaction Engine for Creating a Realistic Experience in Virtual Reality/Augmented Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	61/871,790		Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	14/474,068	9,721,383	Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS IP TWO LIMITED	US	15/664,959	9,934,609	Predictive Information for Free Space
ULTRAHAPTICS IP TWO LIMITED	US	15/942,296		Predictive Information for Free Space Gesture Control and Communication
ULTRAHAPTICS	US	62/676,908		Throwable Interface for

Patents				
Proprietor/ADP number	Territory	Application number	Patent number	Description
IP TWO LIMITED				Augmented Reality and Virtual Reality Environments
ULTRAHAPTICS IP TWO LIMITED	US	[Unfiled]		METHOD AND APPARATUS FOR CORRECTING GEOMETRIC AND OPTICAL ABERRATIONS IN AUGMENTED REALITY

Part 5C – Designs and Design Patents			
Proprietor/ADP number	Territory	Design / Design patent number	Apparent status
ULTRAHAPTICS IP TWO LIMITED	EU	002119107-0001	Design Lapsed
ULTRAHAPTICS IP TWO LIMITED	US	D726727	Registered
ULTRAHAPTICS IP TWO LIMITED	US	D756443	Registered

TRADEMARKS AND TRADEMARK APPLICATIONS

Trade marks				
Proprietor/ADP number	TM number	Jurisdiction/ apparent status	Classes	Mark text
Trade mark registrations				
ULTRAHAPTICS IP TWO LIMITED	12041018	EU Registered	9	LEAP MOTION
ULTRAHAPTICS IP TWO LIMITED	1175915	WO (EU) Removed from the register	9	AIRSPACE
ULTRAHAPTICS IP TWO LIMITED	1178550	WO (EU, AU, CH, CN, IL, IN, IS, JP, KR, LI, MX, NO, NZ, PH, RU, SG, TR, UA, VN) Registered	9, 35, 42	AIRSPACE

Trade marks				
Proprietor/ADP number	TM number	Jurisdiction/ apparent status	Classes	Mark text
ULTRAHAPTICS IP TWO LIMITED	TMA947839	CA Registered	35, 42	AIRSPACE
ULTRAHAPTICS IP TWO LIMITED	TMA1006721	CA Registered	9	LEAP MOTION
ULTRAHAPTICS IP TWO LIMITED	259248	IL Registered	9	LEAP MOTION
ULTRAHAPTICS IP TWO LIMITED	259884	IL Registered	9, 35, 42	AIRSPACE
ULTRAHAPTICS IP TWO LIMITED	4832231	US Registered	9	LEAP MOTION
ULTRAHAPTICS IP TWO LIMITED	4764948	US Registered	35, 42	AIRSPACE
ULTRAHAPTICS IP TWO LIMITED	1174699	WO (AU, CH, GE, IL, IN, IS, KG, LI, MX, NO, NZ, PH, RU, SG, TJ, TM, TR, UA, VN) Registered	9	LEAP MOTION
Trade mark applications				
ULTRAHAPTICS IP TWO LIMITED	906597706	BR Filed	9	LEAP MOTION
ULTRAHAPTICS IP TWO LIMITED	85863252	US Ended	9	AIRSPACE