

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4549459

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PEBBLES LTD.	01/07/2016
RECEIVING PARTY DATA		
Name:	OCULUS VR, LLC	
Street Address:	1601 WILLOW ROAD	
City:	MENLO PARK	
State/Country:	CALIFORNIA	
Postal Code:	94025	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15077540
CORRESPONDENCE DATA		
Fax Number:	(650)938-5200	
<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:	415-875-2444	
Email:	mnascimento@fenwick.com	
Correspondent Name:	ROBERT A. HULSE	
Address Line 1:	FENWICK & WEST LLP	
Address Line 2:	801 CALIFORNIA STREET	
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041	
ATTORNEY DOCKET NUMBER:	26295-26295-33053	
NAME OF SUBMITTER:	ROBERT A. HULSE, REG. NO. 48473	
SIGNATURE:	/Robert A. Hulse/	
DATE SIGNED:	08/14/2017	
Total Attachments: 3		
source=33053 3 of 4 Assignment from Pebbles to Oculus#page1.tif		
source=33053 3 of 4 Assignment from Pebbles to Oculus#page2.tif		
source=33053 3 of 4 Assignment from Pebbles to Oculus#page3.tif		

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the **Pebbles Ltd.**, having a place of business at 17 Atir Yeda Street, Kfar Saba, ISRAEL 4464313 ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Oculus VR, 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 applications and Letters Patents ("PATENT RIGHTS"):

COUNTRY	APPLICATION NUMBER	FILING DATE	TITLE
CN	201080052855.9	09/19/2010	Remote Control of Computer Devices
EP	10818488.8	09/19/2010	Remote Control of Computer Devices
HK	13100543.7	09/19/2010	Remote Control of Computer Devices
JP	2012-530394	09/19/2010	Remote Control of Computer Devices
KR	2012-7009974	09/19/2010	Remote Control of Computer Devices
PCT	PCT/IB2010/054228	09/19/2010	Remote Control of Computer Devices
US	13/497,589	09/19/2010	Hand Tracker for Device with Display
US	61/244,473	09/22/2009	High Resolution Gesture Based Interface Controller
PCT	PCT/IL2012/050523	12/13/2012	Controllable Optical Sensing
US	14/364,727	12/13/2012	Controllable Optical Sensing
US	61/570,858	12/15/2011	Controllable Optical Sensing
CN	201410389973.9	08/08/2014	Method and Device for Controlling a Near Eye Display
US	14/453,733	08/07/2014	Method and Device for Controlling a Near Eye Display
US	61/863,510	08/08/2013	Virtual Navigation Pad for Wearable Devices
PCT	PCT/IL2014/050922	10/23/2014	Three Dimensional Depth Mapping Using Dynamic Structured Light
US	61/894,471	10/23/2013	Three Dimensional Depth Mapping Using Dynamic Structured Light
CN	201510015538.4	01/13/2015	Sub-Resolution Optical Detection
EP	15150899.1	01/13/2015	Sub-Resolution Optical Detection
JP	2015-004519	01/13/2015	Sub-Resolution Optical Detection
KR	10-2015-0006449	01/13/2015	Sub-Resolution Optical Detection
US	14/595,369	01/13/2015	Sub-Resolution Optical Detection
US	61/926,476	01/13/2014	Sub-Resolution Optical Detection
US	61/985,593	04/29/2014	System and Method for Generating a Pattern

COUNTRY	APPLICATION NUMBER	FILING DATE	TITLE
US	14/718,148	05/21/2015	Method and System for Generating User Feedback of a Gesture Capturing Device
US	62/001,070	05/21/2014	Method and System for Generating User Feedback of a Gesture Capturing Device
PCT	PCT/IL2015/050801	08/04/2015	Method and System for Reconstructing Obstructed Face Portions for Virtual Reality Environment
US	62/032,678	08/04/2014	Emulating Obstructed Facial Portions in a Virtual Reality Environment
PCT	PCT/IL2015/050703	07/07/ 2015	Method and System For Adjusting Light Pattern for Structured Light Imaging
US	62/021,942	07/08/2014	Method and System for Adjusting Light Pattern for Structured Light Imaging
US	62/035,442	08/10/2014	Structured Light Sensing for 3D Sensing
US	62/093,493	12/18/2014	Method, System and Device for Navigating in a Virtual Reality Environment
US	62/093,490	12/18/2014	System, Device and Method for Providing User Interface for a Virtual Reality Environment
US	62/100,340	01/06/2015	Method and System for Providing Depth Mapping Using Patterned Light
US	62/120,500	02/25/2015	Depth Mapping
US	62/120,440	02/25/2015	System and Method for Identifying an Object
US	14/716,888	05/20/2015	Method and System for Generating Light Pattern Using Polygons
US	62/160,957	05/13/2015	Augmenting a Depth Map with a Reflectivity Map
US	62/136,549	03/22/2015	Three Dimensional Depth Mapping Using Dynamic Structured Light
US	14/699,114	04/29/2015	System and Method for Generating a Light Pattern for Object Illumination
PCT	PCT/IL2015/050814	08/10/2015	Structured Light Sensing for 3D Sensing

and;

2. The entire worldwide right, title, and interest in and to:

(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

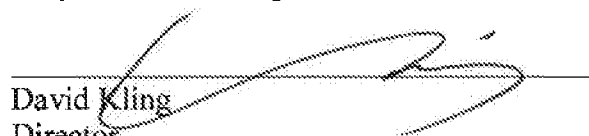
ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titled and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; 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 of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

Date of Signature

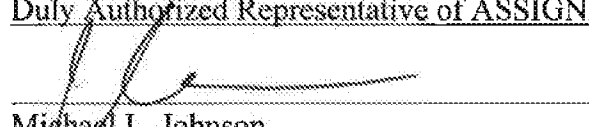


David Kling
Director
Pebbles Ltd.

01.07.2016

Duly Authorized Representative of ASSIGNEE

Date of Signature



Michael L. Johnson
Assistant Secretary
Oculus VR, LLC

01.07.2016