

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	15230377
	Filing Date	2016-08-06
	First Named Inventor	Matthew E Ward
	Art Unit	2621
	Examiner Name	
	Attorney Docket Number	MEM.P001.US.02

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	7182465		2007-02-27	Fuchs et al.	Entire Document	
	2	7593024	B2	2009-09-22	Andrews et al.	Entire Document	
	3	8009022	B2	2011-08-30	Kipman et al.	Entire Document	
	4	8213680	B2	2012-07-03	Fitzgibbon et al.	Entire Document	
	5	8267781	B2	2012-09-18	Geiss	Entire Document	
	6	8284847	B2	2012-10-09	Adermann	Entire Document	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		15230377
Filing Date		2016-08-06
First Named Inventor	Matthew E Ward	
Art Unit		2621
Examiner Name		
Attorney Docket Number		MEM.P001.US.02

1	20040027451	A1	2004-02-12	Baker	Entire Document
2	20060109200	A1	2006-05-25	Alden	Entire Document
3	20070035561	A1	2007-02-15	Bachelder et al.	Entire Document
4	20080030429	A1	2008-02-07	Hailpern et al.	Entire Document
5	20080193043	A1	2008-08-14	Wilson	Entire Document
6	20080225041	A1	2008-09-18	Dokor et al.	Entire Document
7	20090109175	A1	2009-04-30	Fein et al.	Entire Document
8	20090232353	A1	2009-09-17	Sundaresan et al.	Entire Document
9	20110004481	A1	2011-01-06	Jones	Entire Document
10	20110107216	A1	2011-05-05	Bi	Entire Document
11	20110316853	A1	2011-12-29	Bar-Zeev et al.	Entire Document

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	15230377
Filing Date	2016-08-06
First Named Inventor	Matthew E Ward
Art Unit	2621
Examiner Name	
Attorney Docket Number	MEM.P001.US.02

12	20120056989	A1	2012-03-08	Izumi	Entire Document
13	20130009865	A1	2013-01-10	Valik et al.	Entire Document
14	20130208899	A1	2013-08-15	Vincent et al.	Entire Document

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	1797474	CN	A	2006-07-05	INST OF AUTOMATION GA S	Entire Document	<input checked="" type="checkbox"/>
	2	100808543	KR		2008-02-29	KOREA INST SCI & TECH	Entire Document	<input checked="" type="checkbox"/>
	3	2013136333	WO		2013-09-19	EYESIGHT MOBILE TECHNOLOGIES LTD.	Entire Document	<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	ANTHONY.SEBASTIAN, "IllumiRoom peripheral projection: Is this the Xbox 720's killer feature?", 3 pages, January 23, 2013, Retrieved October 24, 2013, from <a href="http://www.extremetech.com/gaming/146536-illumiroom-peripheral-projection-is-this-the-xbox-720s-killer-feature">http://www.extremetech.com/gaming/146536-illumiroom-peripheral-projection-is-this-the-xbox-720s-killer-feature</a> ; Video site: <a href="http://vimeo.com/71136799">http://vimeo.com/71136799</a> .	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		15230377
Filing Date		2016-08-06
First Named Inventor	Matthew E Ward	
Art Unit	2621	
Examiner Name		
Attorney Docket Number	MEM.P001.US.02	

2	HAN, JUN GONG et al., "Enhanced Computer Vision with Microsoft Kinect Sensor: A Review", IEEE Transactions on Cyberkinetics, pages 1-17, 2013.
3	HSUEH, SAMUEL, "Etron Stereoscopic Depth Map Camera", 2 pp., 2013, Retrieved October 23, 2013, from <a href="http://www.etrn.com/en/products/webcam_detail.php?Product_ID=20">http://www.etrn.com/en/products/webcam_detail.php?Product_ID=20</a> ; Video site: <a href="http://youtu.be/BSXzuser3pc">http://youtu.be/BSXzuser3pc</a> .
4	KOROSTELEV, MICHAEL, "Kinect Projection Mapping and Tracking Game", 1 page, March 8, 2011, Retrieved October 24, 2013, from <a href="http://thoth.eng.temple.edu/">http://thoth.eng.temple.edu/</a> ; Video site: <a href="http://www.youtube.com/watch?v=gs1NKhi8MPQ">http://www.youtube.com/watch?v=gs1NKhi8MPQ</a> .
5	KOROSTELEV, MICHAEL, "Immersive 3D Architectural Walkthrough + Kinect + Projection Mapping", 7 pages, March 8, 2011, Retrieved October 24, 2013, from <a href="http://waytoddigital.com/solutions/immersive-3d-walkthrough">http://waytoddigital.com/solutions/immersive-3d-walkthrough</a> ; Video site: <a href="http://www.youtube.com/watch?v=re1EatGRVow&amp;feature=player_embedded">http://www.youtube.com/watch?v=re1EatGRVow&amp;feature=player_embedded</a> ; Related video: <a href="http://www.youtube.com/watch?v=4V11V9Pegpc">http://www.youtube.com/watch?v=4V11V9Pegpc</a> .
6	NORDAHL, ROLF et al., "A multimodal architecture for simulating natural interactive walking in virtual environments", PsychNology Journal, Vol. 9, No. 3, 245-268, 2011.
7	XIA, LU et al., "Human Detection Using Depth Information by Kinect", pages 15-22, date unknown, The University of Texas at Austin Department of Electrical and Computer Engineering, Retrieved October 23, 2013, from <a href="http://www.nattee.net/sites/default/files/Human%20Detection%20Using%20Depth%20Information%20by%20Kinect.pdf">http://www.nattee.net/sites/default/files/Human%20Detection%20Using%20Depth%20Information%20by%20Kinect.pdf</a> .

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	<input type="text"/>	Date Considered	<input type="text"/>
--------------------	----------------------	-----------------	----------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	15230377		
Filing Date	2016-08-06		
First Named Inventor	Matthew E Ward		
Art Unit	2621		
Examiner Name			
Attorney Docket Number	MEM.P001.US.02		

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Stephen B. Schott/	Date (YYYY-MM-DD)	2017-03-10
Name/Print	Stephen B. Schott	Registration Number	51294

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.