

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SONY CORPORATION  
Petitioner

v.

YISSUM RESEARCH DEVELOPMENT COMPANY OF THE  
HEBREW UNIVERSITY OF JERUSALEM  
Patent Owner

Case No. IPR2013-00219 (SCM)<sup>1</sup>

Patent No. 7,477,284  
Issue Date: Jan. 13, 2009  
Title: SYSTEM AND METHOD FOR CAPTURING AND VIEWING  
STEREOSCOPIC PANORAMIC IMAGES

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**PETITIONER'S THIRD UPDATED LIST OF EXHIBITS**

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<sup>1</sup> The IPR2013-00327 proceeding has been joined with this proceeding.

**List of Exhibits**

<b>Ex. No.</b>	<b>Exhibit Name</b>
Sony-1001	U.S. Patent No. 7,477,284 (the "284 Patent")
Sony-1002	U.S. Patent No. 6,665,003 (the "003 Patent")
Sony-1003	VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1004	Certified English Translation of VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997) ("Kawakita")
Sony-1005	Hiroshi Ishiguro, Masashi Yamamoto, and Saburo Tsuji, <i>Acquiring Omnidirectional Range Information</i> , SYSTEMS AND COMPUTERS IN JAPAN, Vol. 23, No. 4, 47-56 (1992) ("Ishiguro")
Sony-1006	U.S. Pat. Pub. No. 2001/0010546 A1 ("Chen")
Sony-1007	KODAK DIGITAL SCIENCE(TM) DC50 ZOOM CAMERA USER'S GUIDE (Jan. 1996) ("Kodak")
Sony-1008	U.S. Pat. No. 1,422,527 ("Berger")
Sony-1009	Japanese Patent Laid-Open No. Hei 8-159762 (June 21, 1996)
Sony-1010	Certified English Translation of Japanese Patent Laid-Open No. Hei 8-159762 (June 21, 1996) ("Asahi")
Sony-1011	U.V. Helava, <i>State of the Art in Digital Photogrammetric Workstations</i> , THE PHOTOGRAMMETRIC JOURNAL OF FINLAND, VOL. 12, NO. 2, 65-76 (1991)
Sony-1012	Response to Office Action During Prosecution of '003 Patent, U.S. Pat. App. 09/396,248, Resp. to Off. Act. (Sep. 5, 2002)
Sony-1013	Expert Declaration of Trevor Darrell
Sony-1014	Curriculum Vitae of Trevor Darrell
Sony-1015	Declaration of Kouichi Matsuda ("Matsuda Declaration")

IPR2013-00219, *Inter Partes* Review of U.S. Pat. No. 7,477,284  
 Petitioner's Third Updated List of Exhibits

Ex. No.	Exhibit Name
Sony-1016	Exhibit 1M to Matsuda Declaration – Email correspondence to Kouichi Matsuda dated November 17, 1997
Sony-1017	Certified English Translation of Exhibit 1M to Matsuda Declaration – Email correspondence to Kouichi Matsuda dated November 17, 1997
Sony-1018	Exhibit 2M to Matsuda Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1019	Certified English Translation of Exhibit 2M to Matsuda Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1020	Exhibit 3M to Matsuda Declaration – [CS] SIG cyberspace meeting memo dated October 30, 1997
Sony-1021	Certified English Translation of Exhibit 3M to Matsuda Declaration – [CS] SIG cyberspace meeting memo dated October 30, 1997
Sony-1022	Exhibit 4M to Matsuda Declaration – Minutes of Cyberspace and Virtual City Study Committee Meeting
Sony-1023	Certified English Translation of Exhibit 4M to Matsuda Declaration – Minutes of Cyberspace and Virtual City Study Committee Meeting
Sony-1024	Declaration of Katsuhide Takahashi (“Takahashi Declaration”)
Sony-1025	Exhibit 1T to Takahashi Declaration – Homepage for the Virtual Reality Society of Japan City Study Committee
Sony-1026	Certified English Translation of Exhibit 1T to Takahashi Declaration – Homepage for the Virtual Reality Society of Japan City Study Committee
Sony-1027	Exhibit 2T to Takahashi Declaration – Notice of call for participation for the Virtual Reality Society of Japan 2nd Virtual City (Cyberspace) Study Meeting

Ex. No.	Exhibit Name
Sony-1028	Certified English Translation of Exhibit 2T to Takahashi Declaration – Notice of call for participation for the Virtual Reality Society of Japan 2nd Virtual City (Cyberspace) Study Meeting
Sony-1029	Exhibit 3T to Takahashi Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1030	Certified English Translation of Exhibit 3T to Takahashi Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1031	Declaration of Kenichi Okada (“Okada Declaration”)
Sony-1032	Exhibit 1O to Okada Declaration – Homepage for the Virtual Reality Society of Japan City Study Committee
Sony-1033	Certified English Translation of Exhibit 1O to Okada Declaration – Homepage for the Virtual Reality Society of Japan City Study Committee
Sony-1034	Exhibit 2O to Okada Declaration – Notice of call for participation for the Virtual Reality Society of Japan 2nd Virtual City (Cyberspace) Study Meeting
Sony-1035	Certified English Translation of Exhibit 2O to Okada Declaration– Notice of call for participation for the Virtual Reality Society of Japan 2nd Virtual City (Cyberspace) Study Meeting
Sony-1036	Exhibit 3O to Okada Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)

IPR2013-00219, *Inter Partes* Review of U.S. Pat. No. 7,477,284  
Petitioner's Third Updated List of Exhibits

Ex. No.	Exhibit Name
Sony-1037	Certified English Translation of Exhibit 3O to Okada Declaration – VRSJ Research Report including Yasuhiro Kawakita, Yoshitaka Hamaguchi, Akitoshi Tsukamoto, Toshihiko Miyazaki, <i>Generation of Panoramic Stereo Images from Movie Using Single Video Camera</i> , Kansai Laboratory Research & Development Group, OKI Electric Industry Co., Ltd. (Nov. 27, 1997)
Sony-1038	Answering Brief in Opposition to Sony's Motion to Stay Pending the Outcome of Inter Partes Review of the Patents-In-Suit, <i>HumanEyes Technologies Ltd. v. Sony Electronics Inc. et al.</i> , 1-12-CV-00398, D.I. 34, at 13 (D. Del. May 6, 2013)
Sony-1039	U.S. Pat. No. 5,737,491 ("Allen")
Sony-1040	Expert Declaration of Trevor Darrell (joined from IPR2013-00327)
Sony-1041	U.S. Pat. No. 6,831,677 ("the '677 Patent")
Sony-1042	Wikipedia, Stereoscopy (June 10, 2013) (available at <a href="http://en.wikipedia.org/w/index.php?title=Stereoscopy&amp;oldid=559166929&amp;printable=yes">en.wikipedia.org/w/index.php?title=Stereoscopy&amp;oldid=559166929&amp;printable=yes</a> )
Sony-1043	Deposition Transcript of Irfan Essa (Mar. 10, 2014)
Sony-1044	Second Expert Declaration of Trevor Darrell
Sony-1045	MERRIAM WEBSTER'S COLLEGIATE DICTIONARY (10th ed. 1998)
Sony-1046	THE AMERICAN HERITAGE DICTIONARY OF ENGLISH LANGUAGE (Houghton Mifflin Harcourt 4th ed. 2009)

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