

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SONY CORPORATION,
Petitioner,

v.

OPTIMUM IMAGING TECHNOLOGIES, LLC,
Patent Owner.

IPR2024-00923
Patent No. 10,873,685

PETITIONER'S UPDATED EXHIBIT LIST

LISTING OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 10,873,685
1002	Prosecution History of U.S. Patent No. 10,873,685
1003	Declaration of Leonard Laub
1004	Curriculum Vitae of Leonard Laub
1005	U.S. Patent Publication No. 2005/0280877 (“Watanabe”)
1006	Certified Translation Of Japanese Patent Application No. JP2004-233872 (“JP-872”)
1007	Certified Translation Of Japanese Patent No. JPA 2004-343358 (“Kishida”)
1008	Certified Translation Of Japanese Patent Application Publication JP 2004-328506A (“Kita”)
1009	U.S. Patent Publication No. 2003/0223007 A1 (“Takane”)
1010	Certified Translation Of Japanese Patent No. JP 06-319106A (“Hisamatsu”)
1011	U.S. Patent Publication No. 2004/0264918 (“Turner”)
1012	U.S. Patent No. 8,559,743 (“Liege”)
1013	U.S. Patent No. 7,688,384 (“Davis”)
1014	U.S. Patent Publication No. 2006/0132646 (“Komatsu”)
1015	SMPTE 244M-2003 SMPTE Standard for Television – System M/NTSC Composite Video Signals – Bit-Parallel Digital Interface, The Society of Motion Picture and Television Engineers (2003) (“SMPTE-240”)
1016	SMPTE 170-M-2004 SMPTE Standard for Television – Composite Analog Video Signal – NTSC for Studio Applications, The Society of Motion Picture and Television Engineers (2004) (“SMPTE-170M”)
1017	National Television System Committee, NTSC Signal Specifications (Dec. 1953)
1018	PCT Publication No. WO 2004/093438 A1 (“Dutta”)
1019	Texas Instruments, TMS320C8x System-Level Synopsis (Sep. 1995)
1020	Texas Instruments, Product Bulletin: TMS320C5470 and TMS320C5471 System-Level DSPs (2002)

Exhibit	Description
1021	Chaoui, Jamil, et al. “Open multimedia application platform: enabling multimedia applications in third generation wireless terminals through a combined RISC/DSP architecture.” <i>2001 IEEE International Conference on Acoustics, Speech, and Signal Processing. Proceedings</i> (Cat. No. 01CH37221). Vol. 2. IEEE, 2001.
1022	U.S. Patent No. 9,063,982 (“Bestgen”)
1023	U.S. Patent No. 6,920,443 (“Cesare”)
1024	U.S. Patent Publication No. 2006/0268357 A1 (“Vook”)
1025	U.S. Patent No. 5,739,691 (“Hoenninger”)
1026	Prosecution History of U.S. Patent No. 8,451,339
1027	Dkt. No. 88, Claim Construction Memorandum Opinion and Order, <i>Optimum Imaging Technologies LLC v. Canon Inc.</i> , No. 2:19-cv-00246 (E.D. Tex. June 11, 2020)
1028	<i>digital filter</i> , Comprehensive Dictionary of Electrical Engineering (2d ed. CRC Press 2005)
1029	<i>database management system</i> , Newton’s Telecom Dictionary (CMP Books, 2005)
1030	<i>Canon Inc. v. Optimum Imaging Technologies LLC</i> , IPR2020-1322, Paper 1 (Jul. 20, 2020) (“-01322 Petition”)
1031	<i>Canon Inc. v. Optimum Imaging Technologies LLC</i> IPR2020-1322, Paper 9 (Mar. 1, 2021) (“-01322 D.I.”)
1032	<i>Canon Inc. v. Optimum Imaging Technologies LLC</i> , IPR2020-1321, Paper 1 (Jul. 20, 2020) (“-01321 Petition”)
1033	<i>Canon Inc. v. Optimum Imaging Technologies LLC</i> , IPR2020-1321, Paper 10 (Mar. 1, 2021) (“-01321 D.I.”)
1034	U.S. Patent No. 6,529,237 (“Tsay”)
1035	U.S. Patent Publication No. 2006/0050335 A1 (“Dorrell”)
1036	U.S. Patent Publication No. 2006/0098253 A1 (“Masuno”)
1037	Dkt. No. 1, Complaint, <i>Optimum Imaging Technologies LLC v. Sony Corp.</i> , No. 4:23-cv-00928 (E.D. Tex. Oct. 18, 2023)
1038	Docket report in <i>Optimum Imaging Technologies LLC v. Sony Corp.</i> , No. 4:23-cv-00928 (E.D. Tex. Oct. 18, 2023) as of May 13, 2024
1039	Eastern District of Texas, U.S. District Court—Judicial Caseload Profile, as of May 13, 2024
1040	U.S. Patent No. 7,206,136 (“Labaziewicz”)
1041	U.S. Patent No. 5,444,482 (“Misawa”)
1042	U.S. Patent No. 5,742,806 (“Reiner”)
1043	U.S. Patent No. 7,245,319 (“Enomoto”)

Exhibit	Description
1044	Certified Translation Of Japanese Patent No. JPH (1999)-313250 (“Yamagata”)
1045	U.S. Patent No. 5,905,530 (“Yokota”)
1046	U.S. Patent Publication No. 2004/0150732 (“Yamanaka II”)
1047	GUAN et al., <i>Digital Image Correcting Method for Digital Camera</i> (December 2005) (“Ricoh”)
1048	U.S. Patent No. 5,999,330 (“Goosey”)
1049	U.S. Patent No. 7,738,015 (“Steinberg I”)
1050	U.S. Patent No. 7,590,305 (“Steinberg II”)
1051	Certified Translation Of Japanese Patent No. JPA 2002-190979 (“Kuniba”)
1052	Certified Translation Of Japanese Patent No. JPA 2000-184247 (“Imai”)
1053	GONZALEZ & WOODS, <i>DIGITAL IMAGE PROCESSING</i> , (Prentice Hall, 2d ed. 2002) (“Gonzalez”)
1054	JOHN C. RUSS, <i>THE IMAGE PROCESSING HANDBOOK</i> (CRC Press, 4th ed. 2002) (“Russ”).
1055	U.S. Patent No. 7,609,297 (“Master”)
1056	U.S. Patent Publication No. 2007/0080280 (“Havens”)
1057	U.S. Patent No. 7,936,392 (“Ng”)
1058	Certified Translation Of PCT Publication No. WO 2002/069214 (“Takae”)
1059	U.S. Patent No. 6,279,004 (“Lee”)
1060	Certified Translation Of Japanese Patent Application Publication No. JP 2001-251546A (“Iida”)
1061	U.S. Patent No. 5,818,524 (“Juen”)
1062	M. Gottardi and W. Yang, “A CCD/CMOS image sensor array with integrated A/D conversion.” <i>1997 IEEE International Symposium on Circuits and Systems (ISCAS)</i> . Vol. 3. IEEE, 1997.
1063	U.S. Patent Publication No. 2002/0135688 (“Niikawa”)
1064	U.S. Patent No. 4,903,204 (“Dobbins”)
1065	U.S. Patent No. 5,414,782 (“Carasso”)
1066	Certified Translation Of Japanese Patent No. JPA 2006-72660 (“Yamazaki”)
1067	U.S. Patent Publication No. 2003/0095197 (“Wheeler”)
1068	U.S. Patent No. 7,554,584 (“Lim”)
1069	U.S. Patent No. 5,630,153 (“Intrater”)
1070	U.S. Patent No. 5,864,409 (“Kashida-409”)

Exhibit	Description
1071	PCT Publication No. WO 1993-020536 A1 (“Reddig”)
1072	U.S. Patent No. 5,475,420 (“Buchin”)
1073	U.S. Patent No. 4,562,436 (“Coleman”)
1074	U.S. Patent No. 6,816,625 (“Lewis”)
1075	U.S. Patent No. 6,798,449 (“Hsieh”)
1076	P. Strumillo and M. Strzelecki, Fourier Transform of Images, available at http://mstrzel.eletel.p.lodz.pl/mstrzel/pattern_rec/fft_ang.pdf (visited May 10, 2024).
1077	McKeown, Scott “ <i>Sotera</i> Stipulation” Received by Tom Dunham (Counsel for Optimum Imaging Technologies), September 4, 2024

Pursuant to 37 CFR § 42.6(e)(4)(ii), and the Board’s Email Authorization,

Petitioner herewith submits the following Exhibit:

<u>Exhibit</u>	<u>Description</u>
1077	McKeown, Scott “ <i>Sotera Stipulation</i> ” Received by Tom Dunham (Counsel for Optimum Imaging Technologies), September 4, 2024

Respectfully submitted,
Sony Corporation

Date: September 11, 2024

/Scott A. McKeown/

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CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 42.6 (E)(4)

I certify that on September 11, 2024, I will cause a copy of the foregoing document, including any exhibits filed therewith, to be served via electronic mail, as previously consented to by Patent Owner, upon the following:

Thomas M. Dunham
Robert W. Molitors
Elizabeth A. O'Brien

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Date: September 11, 2024

/MacAulay Rush /
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