

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MEDIATEK, INC.,

Petitioners

v.

PARKERVISION, INC.,

Patent Owner.

IPR2024-00796

U.S. Patent No. 7,483,686

PETITIONER'S UPDATED EXHIBIT LIST

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Pursuant to 37 C.F.R. § 42.63(e), Petitioner Mediatek, Inc. hereby submits a current listing of Petitioner exhibits. Exhibit 1067 is being filed today.

EXHIBIT LIST

EXHIBIT No.	DESCRIPTION
EX1001	U.S. Patent No. 7,483,686
EX1002	Larson Declaration
EX1003	U.S. Patent No. 6,643,522 (“Young”)
EX1004	U.S. Patent No. 6,600,726 (“Nevo”)
EX1005	Estabrook, “The Direct Conversion Receiver: Analysis and Design of the Front-End Components,” Aug. 1989 (“Estabrook-Thesis”)
EX1006	Avitabile <i>et al.</i> , “S-band digital downconverter for radar applications based on a GaAs MMIC fast sample-and-hold,” IEE Proc.-Circuits Devices Syst., Vol. 143, No. 6, December 1996 (“Avitabile”)
EX1007	File History of U.S. Patent No. 7,483,686
EX1008	U.S. Patent No. 6,061,551
EX1009	Joint Claim Construction Chart, <i>ParkerVision v. MediaTek, Inc. et al.</i> , No. 6:23-cv-00375 (W.D. Tex. May 3, 2024), ECF No. 40
EX1010	Final Written Decision, <i>Intel Corp. v. ParkerVision, Inc.</i> , IPR2021-00346, Paper 33 (PTAB June 30, 2022)
EX1011	U.S. Patent No. 8,190,108
EX1012	Markman Order, <i>ParkerVision, Inc. v. Realtek Semiconductor Corp.</i> , No. 6-22-cv-01162 (W.D. Tex. Apr. 2, 2024), ECF No. 93
EX1013	Agreed Scheduling Order, <i>ParkerVision v. MediaTek, Inc.</i> , No. 6:23-cv-00375 (W.D. Tex. Jan. 4, 2024), ECF No. 32
EX1014	Markman Order, <i>ParkerVision, Inc. v. Qualcomm Inc.</i> , No. 3:11-cv-719-RBD-JK (M.D. Fla. Feb. 20, 2013), ECF No. 243.
EX1015	<i>Sotera</i> Stipulation Letter dated May 21, 2024
EX1016	P. Estabrook and B. B. Lusignan, “A Mixer Computer-Aided Design Tool Based in the Time Domain,” IEEE

EXHIBIT No.	DESCRIPTION
	Microwave Theory and Techniques Symposium, 1988, pages 1107-1110 (“Estabrook-1988”)
EX1017	P. Estabrook and B. B. Lusignan, “The Design of a Mobile Radio Receiver Using a Direct Conversion Architecture,” In Proc. of the IEEE Vehicular Technology Conference, pages 63-72, May 1989 (“Estabrook-1989”)
EX1018	Declaration of June Munford
EX1019	Declaration of Polly Estabrook, Ph.D.
EX1020	Declaration of G. Avitabile
EX1021	Docket, <i>ParkerVision v. MediaTek, Inc. et al.</i> , No. 6:23-cv-00375 (W.D.Tex. filed May 16, 2023)
EX1022	U.S. Patent No. 6,879,817
EX1023	U.S. Patent No. 6,853,690
EX1024	U.S. Patent No. 6,704,549
EX1025	U.S. Patent No. 7,006,805
EX1026	U.S. Patent No. 6,370,371
EX1027	U.S. Patent Application No. 09/514,004
EX1028	U.S. Provisional Patent Application No. 60/195,328
EX1029	U.S. Provisional Patent Application No. 60/147,129
EX1030	Markman Order, <i>ParkerVision v. Mediatek, Inc. et al.</i> , Civ. No. 6:22-CV-01163-ADA (W.D. Tex. Apr. 29, 2024), ECF No. 70.
EX1031	IEEEExplore Citation search results for Estabrook-1989
EX1032	Google Scholar Citation search results for Estabrook-1989
EX1033	U.S. Patent No. 6,873,836
EX1034	SPICE Version 2G User’s Guide, 1981

EXHIBIT No.	DESCRIPTION
EX1035	Excerpts from the Microsoft Computer Dictionary, 5 th Edition, pgs. 26, 482
EX1036	U.S. Patent No. 6,477,378
EX1037	U.S. Patent No. 6,570,394
EX1038	Excerpts from the Electrical Engineering Dictionary (ISBN 0-8493-2170-0), pgs. 50, 302, 539, 662
EX1039	IEEE Std 802.11a-1999 (Supplement to IEEE Std 802.11-1999)
EX1040	Excerpts from P. Nahin, The Science of Radio (ISBN 1-56396-347-7) (1996), pgs. 36, 165, 182-184
EX1041	EP0551857
EX1042	Excerpts from Serway, Physics for Scientists and Engineers, 3 rd Ed. (ISBN 0-8493-3128-5) (1999).
EX1043	Excerpts from Davis, Operating Systems, A Systematic View (ISBN 0-201-11116-0) (1983)
EX1044	Bluetooth Spec. V. 1.0 B (1998)
EX1045	Appellant's Brief, <i>ParkerVision Inc. v. Intel Corp.</i> , Case No. 2022-1548 (Fed. Cir. July 15, 2022)
EX1046	Federal Circuit Rule 36 Judgment, Case No. 2022-2173 (May 16, 2024)
EX1047	Reply Claim Construction Brief, <i>ParkerVision v. MediaTek, Inc. et al.</i> , No. 6:23-cv-00375 (W.D. Tex. Apr. 15, 2024)
EX1048	Special Master's Report & Recommendation Regarding Claim Construction, <i>ParkerVision, Inc. v. MediaTek Inc.</i> , No. 6:23-CV-00375 (W.D. Tex. Oct. 21, 2024), ECF No. 52
EX1049	Larson Reply Declaration
EX1050	Claim Construction Order, <i>ParkerVision Inc. v. Apple, Inc. et al.</i> , No. 3:15-cv-1477-J-39JRK (M.D. Fla. July 15, 2019).
EX1051	Ricketts Deposition Transcript
EX1052	[CORRECTED] Order Adopting Special Master's Report and Recommendation Regarding Claim Construction, <i>ParkerVision, Inc. v. MediaTek Inc. et al.</i> , No. 6:23-cv-00375-ADA (W.D. Tex. Jan. 21, 2025)

EXHIBIT No.	DESCRIPTION
EX1053	U.S. Patent No. 6,266,518 (“’518 Patent”)
EX1054	Weisskopf, “Subharmonic Sampling of Microwave Signal Processing Requirements,” <i>Microwave Journal</i> , May 1992, pp. 239-247
EX1055	Specification of the Bluetooth System, Vol. 1, v1.0 B, Dec. 1, 1999
EX1056	National Instruments, Intro to Bluetooth Receiver Testing, September 2016, https://download.ni.com/evaluation/rf/intro_to_bluetooth_test.pdf (last accessed May 28, 2025)
EX1057	ParkerVision Reply Claim Construction Brief, <i>ParkerVision, Inc. v. Intel Corp.</i> , No. 6:20-cv-00108-ADA, ECF No. 65 (W.D.Tex. Dec. 11, 2020)
EX1058	U.S. Patent No. 6,049,706
EX1059	Merceret <i>et al.</i> , “Attenuation of Weather Radome Signals Due to Wetting of the Radome by Rainwater or Incomplete Filling of the Beam Volume,” Report No. NASA/TM-2002-211171
EX1060	Sletten <i>et al.</i> , “Ultrawide-Band Radar Observations of Multipath Propagation over the Sea Surface,” <i>IEEE Transactions on Antennas and Propagation</i> , 44:5 (May 1996)
EX1061	Lord <i>et al.</i> , “Approaches to RF Interference Suppression for VHF/UHF Synthetic Aperture Radar,” Proceedings of the 1998 South African Symposium on Communications and Signal Processing-COMSIG ’98, Rondebosch, South Africa, 1998, pp. 95-100
EX1062	Excerpts from Lee, <i>The Design of CMOS Radio-Frequency Integrated Circuits</i> , Cambridge University Press, 2 nd Ed. 2004
EX1063	Pun <i>et al.</i> , “Basic Principles and New Solutions for Analog Sampled-Data Image Rejection Mixers,” 1998 IEEE International Conference on Electronics, Circuits and Systems. Surfing the Waves of Science and Technology, Lisboa, Portugal, 1998, pp. 165-168 vol.3
EX1064	Pache <i>et al.</i> , “An improved 3V 2GHz BICMOS Image Reject Mixer IC,” Proceedings of the IEEE 1995 Custom Integrated Circuits Conference, Santa Clara, CA, USA, 1995, pp. 95-98
EX1065	Google Scholar results, “sampling mixer”
EX1066	Google Patents results, “sampling mixer”

EXHIBIT No.	DESCRIPTION
EX1067	Petitioner's Demonstratives

Dated: September 2, 2025

Respectfully submitted,

/ Jessica Kaiser /

Jessica Kaiser

Reg. No. 58,937

Attorney for Petitioners

Perkins Coie LLP

1900 Sixteenth Street, Ste. 1400

Denver, CO 80202-5255

CERTIFICATE OF SERVICE

I hereby certify that on September 2, 2025 true and correct copies of the foregoing PETITIONER'S EXHIBIT LIST and EXHIBIT 1067 was served via electronic mail upon the following counsel of record for Patent Owner:

Jason S. Charkow - jason.s.charkow@gmail.com
Richard Juang - richard.juang@gmail.com
Chandran B. Iyer - cbiyer@daignaultiyer.com
Ronald M. Daignault - rdaignault@daignaultiyer.com
Stephanie Mandir - smandir@daignaultiyer.com
pvlit@daignaultiyer.com

Dated: September 2, 2025

Respectfully submitted,

/ Jessica Kaiser /

Jessica Kaiser

Reg. No. 58,937

Perkins Coie LLP

1900 Sixteenth Street, Ste. 1400

Denver, CO 80202-5255