

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

TEXAS INSTRUMENTS INCORPORATED,
Petitioner

v.

PARKERVISION, INC.,
Patent Owner

Case IPR2024-00934
Patent 7,496,342

PETITIONER'S UPDATED EXHIBIT LIST

UPDATED EXHIBIT LIST

Exhibit No.	Description
TI-1001	U.S. Patent No. 7,496,342 to David F. Sorrells, et al (“the ’342 Patent”)
TI-1002	Excerpts from the Prosecution History of the ’342 Patent (“the Prosecution History”)
TI-1003	Declaration and Curriculum Vitae of Dr. Ian Galton
TI-1004	U.S. Patent No. 6,230,000 (“Tayloe”)
TI-1005-1007	Reserved
TI-1008	Complaint, <i>ParkerVision, Inc. v. Texas Instruments Incorporated</i> , 6:23-cv-00384, W.D. Tex., filed May 18, 2023
TI-1009	ParkerVision, Inc.’s Proposed Claim Constructions, <i>ParkerVision, Inc. v. Texas Instruments Incorporated</i> , 6:23-cv-00384, W.D. Tex., filed February 14, 2024
TI-1010	ParkerVision Inc.’s Responsive Claim Construction Brief, <i>ParkerVision, Inc. v. Texas Instruments Incorporated</i> , 6:23-cv-00384, W.D. Tex., filed March 27, 2024
TI-1011-1012	Reserved
TI-1013	Claim Chart For Infringement of U.S. Patent No. 7,496,342 by TI Chips, <i>ParkerVision, Inc. v. Texas Instruments Incorporated</i> , 6:23-cv-00384, W.D. Tex., filed December 6, 2023
TI-1014	Declaration of June Ann Munford
TI-1015	Declaration of Rickea McLeod
TI-1016	DeMaw, Practical RF Design Manual (Prentice-Hall 1982)
TI-1017	Reserved
TI-1018	Declaration of Maureen Honeycutt
TI-1019	Ziemer Tranter, <i>Principles of Communications, Systems, Modulation, and Noise</i> , Fourth Edition, Published 1995
TI-1020	Thomas H. Lee, <i>The Design of CMOS Radio-Frequency Integrated Circuits</i> , Cambridge University Press, 1998 (Excerpts)
TI-1021	U.S. Patent No. US 7,065,327
TI-1022	U.S. Provisional Patent Application 60/099,723 (“MacNally-Provisional”), filed September 10, 1998
TI-1023	International Publication No. WO 00/16492 (“Macnally”)
TI-1024-1027	Reserved
TI-1028	Jacques C. Rudell et al, “A 1.9GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone

	Applications” IEEE Journal of Solid-State Circuits, Vol. 32, No. 12, Dec. 1997 2071-2088
TI-1029	Defendant Texas Instruments Inc.’s Claim Construction Brief, <i>ParkerVision, Inc. v. Texas Instruments, Inc.</i> , 6:23-cv-00384 (WDTX March 6, 2024).
TI-1030	Decision Denying Institution, <i>RPX Corp. v. ParkerVision Inc.</i> , PTAB-IPR2014-01107, Paper 7 (Jan. 8, 2015)
TI-1031	Notice of Entry of Judgement Accompanied by Opinion, <i>ParkerVision Inc. v. Qualcomm, Inc.</i> , 621 F. App'x 1009 (Fed. Cir. 2015)
TI-1032-1038	Reserved
TI-1039	Qualcomm’s Renewed Motion for Judgement as a Matter of Law, <i>ParkerVision, Inc. v. Qualcomm Inc.</i> , 3:11-cv-00719-RBD-JRK, dkt 499 (<u>MDFL December 20, 2013</u>)
TI-1040	ParkerVision’s Response in Opposition to Qualcomm’s Renewed Motion for Judgement as a Matter of Law, <i>ParkerVision, Inc. v. Qualcomm Inc.</i> , 3:11-cv-00719-RBD-JRK, dkt 516 (<u>MDFL January 24, 2014</u>)
TI-1041	Stipulation
TI-1042	Second Declaration of Dr. Ian Galton
TI-1043	Razavi, <i>A 900-MHz CMOS Direct Conversion Receiver</i> , IEEE Symposium on VLSI Circuits, Kyoto, Japan, 1997, pp. 113-114, doi: 10.1109/VLSIC.1997.623833 (“Razavi”)
TI-1044	E. Oxner, Siliconix Application Note AN72-1 “FETs in Balanced Mixers,” 1979. (“Oxner”)
TI-1045	B. Gilbert, "The MICROMIXER: a highly linear variant of the Gilbert mixer using a bisymmetric Class-AB input stage," in IEEE Journal of Solid-State Circuits, vol. 32, no. 9, Sept. 1997
TI-1046	I. Galton and C. Weltin-Wu, “Understanding Phase Error and Jitter: Definitions, Implications, Simulations, and Measurement,” IEEE Transactions on Circuits and Systems I: Regular Papers, vol. 66, no. 1, Jan. 2019
TI-1047	D. E. Johnson, J. L. Hilburn, and J. R. Johnson, Basic Electric Circuit Analysis, 7th Edition, Prentice-Hall, 1978
TI-1048	Adel S. Sedra, Kenneth C. Smith, Microelectronics Circuits, 4th Edition, Oxford University Press, 1997
TI-1049	K. R. Laker, W. M. C. Sansen, Design of Analog Integrated Circuits and Systems, McGraw-Hill, Inc., 1994

TI-1050	Cho, E. Dukatz, M. Mack, D. MacNally, M. Marringa, S. Mehta, C. Nilson, L. Plouvier, S. Rabi, "A Single-Chip CMOS Direct-Conversion Transceiver for 900MHz Spread-Spectrum Digital Cordless Phones," IEEE International Solid-State Circuits Conference, Technical Digest, February, 1999
TI-1051	Deposition Transcript of Dr. David Ricketts, June 25, 2025
TI-1052	Email Exchange Re: Discovery
TI-1053	Content of Extranet Provided to ParkerVision
TI-1054	Second Declaration of June Ann Munford
TI-1055-1059	Reserved
TI-1060	Third Declaration of Dr. Ian Galton
TI-1061	1st Email regarding Discovery on March 3, 2025
TI-1062	2nd Email regarding Discovery on March 3, 2025
TI-1063	Petitioner's Demonstratives

Respectfully submitted,

Date: September 2, 2025

/Rishi Gupta/

Joshua A. Griswold, Reg. No. 46,310
Rishi Gupta, Reg. No. 64,768
Yao Wang, Reg. No. 61,757
Patrick J. Bisenius, Reg. No. 63,893
W. Karl Renner, Reg. No. 41,265
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
T: 202-783-5070
F: 877-769-7945

Attorneys for Petitioner

CERTIFICATE OF SERVICE

Pursuant to 37 CFR § 42.6(e), the undersigned certifies that on September 2, 2025, a complete and entire copy of the Petitioner's Updated Exhibit List and Exhibit 1063 were provided by email to the Patent Owner by serving the correspondence addresses of record as follows:

Jason S. Charkow
Richard Juang
Chandran B. Iyer
Ronald M. Daignault
Stephanie Mandir
DAIGNAULT IYER LLP
8229 Boone Boulevard, Suite 450
Vienna, VA 22182

Email: pvlit@daignaultiyer.com

/Diana Bradley/
Diana Bradley
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
bradley@fr.com