

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

APPLE INC.,  
Petitioner,

v.

REMBRANDT WIRELESS TECHNOLOGIES, LP,  
Patent Owner.

---

Case IPR2020-00033  
U.S. Patent No. 8,023,580

**PATENT OWNER'S UPDATED EXHIBIT LIST**

***Mail Stop "PATENT BOARD"***  
Patent Trial and Appeal Board  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**UPDATED EXHIBIT LIST**

Exhibit No.	Title
EX2001	Declaration of Nikil Jayant
EX2002	HEWLETT-PACKARD JOURNAL, Hewlett-Packard Company, 1998
EX2003	F. Halsall, DATA COMMUNICATIONS, COMPUTER NETWORKS AND OPEN SYSTEMS, Addison-Wesley, 1996
EX2004	A. Goldsmith, WIRELESS COMMUNICATIONS, Cambridge, 2005 (Excerpts)
EX2005	THE RANDOM HOUSE COLLEGE DICTIONARY REVISED EDITION (Excerpts)
EX2006	MERRIAM WEBSTER'S COLLEGIATE DICTIONARY, Merriam-Webster Incorporated, 2012 (Excerpts)
EX2007	Opening Expert Report of Richard T. Mihran, PH.D in Case No. 2:19-CV-00025-JRG (E.D. Tex.)
EX2008	Docket Control Order in Case No. 2:19-CV-00025-JRG (E.D. Tex.)
EX2009	Claim Construction Memorandum and Order in Case No. 2:19-CV-00025-JRG (E.D. Tex.)
EX2010	Non-Confidential Petition and Appendix for Writ of Mandamus in Case 20-112 (Fed. Cir.)
EX2011	Apple's Invalidity Contentions in Case No. 2:19-CV-00025-JRG (E.D. Tex.)

EX2012	<i>Ex Parte</i> Reexamination of U.S. Patent No. 8,457,228 (Reexamination Control No. 90/013809)
EX2013	RESERVED
EX2014	Decision Denying Institution of <i>Inter Partes</i> Review in IPR2015-00555
EX2015	Decision Denying Institution of <i>Inter Partes</i> Review in IPR2014-00889
EX2016	U.S. Patent No. 5,537,398 to Siwiak
EX2017	U.S. Patent No. 5,793,756 to Ayerst
EX2018	U.S. Patent No. 5,649,294 to Ayerst
EX2019	U.S. Patent No. 5,875,387 to Ayerst
EX2020	U.S. Patent No. 5,168,493 to Nelson et al.
EX2021	G. Held, DICTIONARY OF COMMUNICATIONS TECHNOLOGY, Wiley, 1998 (Excerpts)
EX2022	A. Kamerman, THROUGHPUT DENSITY CONSTRAINTS FOR WIRELESS LANS BASED ON DSSS, IEEE, 1996
EX2023	U.S. Patent No. 4,814,984 to Thompson
EX2024	U.S. Patent No. 6,640,268 to Kumar
EX2025	REBUTTAL EXPERT REPORT OF DR. ROBERT MORROW REGARDING THE VALIDITY OF U.S. PATENT NOS . 8,023,580 & 8,457,228 in Case No. 2:19-CV-00025-JRG (E.D. Tex.)
EX2026	Order of March 3, 2020 in Appeal No. 2020-112 (CAFC)
EX2027	PLAINTIFF REMBRANDT WIRELESS TECHNOLOGIES, LP'S OPENING CLAIM CONSTRUCTION BRIEF in Case No. 2:19-CV-00025- JRG (E.D. Tex.)

EX2028	APPLE'S RESPONSIVE CLAIM CONSTRUCTION BRIEF in Case No. 2:19-CV-00025-JRG (E.D. Tex.)
--------	--

Dated: March 9, 2020

Respectfully submitted,  
By: /Jason Shapiro/  
Jason Shapiro (Reg. No. 35,354)  
Attorney for Patent Owner  
Rembrandt Wireless Technologies, LP

**CERTIFICATE OF SERVICE**

The undersigned certifies that pursuant to 37 C.F.R. § 42.6(e), a copy of the foregoing Patent Owner's Updated Exhibit List was served via email (as previously consented to by counsel) on March 9, 2020 to lead and backup counsel of record for Petitioners as follows:

Mark D. Rowland (Reg. No. 32,077) (Lead Counsel)  
Gabrielle E. Higgins (Reg. No. 38,916) (Back-up Counsel)  
ROPES & GRAY LLP  
1900 University Avenue, 6th Floor  
East Palo Alto, CA 94303-2284

Mark.Rowland@ropesgray.com  
Gabrielle.Higgins@ropesgray.com  
Josef.Schenker@ropesgray.com  
Carolyn.Redding@ropesgray.com  
Ropes-Rembrandt-IPR-Service@ropesgray.com

Dated: March 9, 2020

/Mark J. DeBoy/  
Mark J. DeBoy (Reg. No. 66,983)  
Attorney for Patent Owner  
Rembrandt Wireless Technologies, LP