

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

XILINX, INC., ADVANCED MICRO DEVICES, INC.,
and ATI TECHNOLOGIES ULC

Petitioner,

v.

SENTIENT SENSORS LLC

Patent Owner.

Case IPR2023-00195
U.S. Patent No. 6,938,177

PATENT OWNER'S UPDATED EXHIBIT LIST

EXHIBIT LIST

Exhibit No.	Description
2001	USAF Cooperative Research and Development Agreement between Air Force Research Laboratory, Space Vehicles Directorate and MSI November 24, 1998
2002	JTAG Article FPGA4fun (1) https://www.fpga4fun.com/JTAG1.html
2003	TAP Article FPGA4fun (2) https://www.fpga4fun.com/JTAG2.html
2004	Xilinx JTAG Programmer Guide 1991-1999
2005	XLINX XC4000 TAP Application Note November 16, 1999
2006	USPTO Office Action Dated December 8, 2004
2007	Examiner Stoykov 1st Prior Art Search 11/19/04 (5 pages)
2008	Examiner Stoykov 2nd Prior Art Search 11/22/04 (7 pages)
2009	Examiner Stoykov 3rd Prior Art Search 11/22/04 (5 pages)
2010	Examiner Stoykov 4th Prior Art Search 11/23/04 (8 pages)
2011	Examiner Stoykov 5th Prior Art Search 11/23/04 (10 pages)
2012	Examiner Stoykov 6th Prior Art Search 11/24/04 (5 pages)

2013	Examiner Stoynov 7th Prior Art Search 11/29/04 (14 pages)
2014	Examiner Stoynov 8th Prior Art Search 3/09/05 (3 pages)
2015	Proof of Service on Registered Delaware Agent
2016	MSI/Sentient Ownership Interest
2017	Letter from James Lyke in support of Management Sciences, Inc. dated Apr. 29, 1997
2018	Bus Arbitration In Computer Organization Article https://www.geeksforgeeks.org/bus-arbitration-in-computer-organization/
2019	Enhancement of MCM Testability Using Embedded Reconfigurable FPGA J. York, T. Powell P. Dehkordi, and D. Bouldin, Proceedings 1997 IEEE Multi-Chip Module Conference (Cat. No. 0-7803-4275), 1997, pp. 165-173 (“ <i>Dehkordi 2</i> ”)
2020	Declaration of John Peck (with Curriculum Vitae)
2021	Ch. 11 in <i>A New Kind of Science</i>. Champaign, IL: Wolfram Media, pp. 637-714, 2002.
2022	Sentient’s District Court Identification of claim constructions
2023	Xilinx’s District Court Identification of claim constructions
2024	Definition of computation https://mathworld.wolfram.com/Computation.html
2025	October 19, 2020 Joint Claim Construction Brief (D.I. 63) from the <i>Cypress</i> Litigation
2026	November 12, 2020 Second Amended Joint Claim Construction Chart (D.I. 77-1) from the <i>Cypress</i> Litigation
2027	Patent Owner’s Demonstrative Exhibits

IPR2023-00195

Xilinx Inc. *et. al.* v. Sentient Sensors LLC

Dated: June 20, 2024

Respectfully submitted,

CAHILL GORDON & REINDEL LLP

/s/ Gerald J. Flattmann, Jr.

Gerald J. Flattmann, Jr.

(Reg. No. 37,324)

32 Old Slip

New York, NY 10005

(212) 701-3645

gflattmann@cahill.com

*Attorney for Patent Owner, Sentient
Sensors LLC*

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to 37 C.F.R. § 42.6(e) and with the agreement of counsel for Petitioner, a true and correct copy of **PATENT OWNER'S UPDATED EXHIBIT LIST AND EXHIBIT 2027** are being served electronically on June 20, 2024, to the e-mail addresses shown below:

David M. Hoffman, Reg. No. 54,174
hoffman@fr.com
Jeffrey A. Shneidman (Pro Hac Vice)
shneidman@fr.com
Craig A. Deutsch, Reg. No. 69,264
Deutsch@fr.com

Dated: June 20, 2024

Respectfully submitted,

CAHILL GORDON & REINDEL LLP

/s/ Gerald J. Flattmann, Jr.

Gerald J. Flattmann, Jr.
(Reg. No. 37,324)
32 Old Slip
New York, NY 10005
(212) 701-3645
gflattmann@cahill.com

*Attorney for Patent Owner, Sentient
Sensors LLC*