

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INNOSCIENCE AMERICA, INC.,
Petitioner,

v.

INFINEON TECHNOLOGIES AMERICAS CORP.,
Patent Owner.

Case No. IPR2025-00175
Patent No. 8,686,562

NOTICE OF FILING PATENT OWNER'S DEMONSTRATIVE EXHIBITS

LISTING OF EXHIBITS

Exhibit	Description
2001	Excerpts from Merriam Webster’s Collegiate Dictionary (10th ed.) (2001)
2002	U.S. Patent Application Publication No. 2008/0251828 A1 (“Meng”)
2003	U.S. Patent Application Publication No. 2011/0247549 A1 (“Sachs”)
2004	Quirk, M., & Serda, J. (2001) Semiconductor Manufacturing Technology. Prentice Hall.
2005	Stewart, C.M., “Interim Processes for PTAB Workload Management,” Memorandum dated March 26, 2025
2006	United States Patent Office, “Guidance on USPTO’s rescission of ‘Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings with Parallel District Court Litigation’ (March 24, 2025), available at https://www.uspto.gov/sites/default/files/documents/guidance_memo_on_interim_procedure_rescission_20250324.pdf .
2007	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Order No. 5, Initial Determination Setting an 18-Month Target Date and Order Setting Preliminary Conference (ITC Sept. 18, 2024)
2008	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Order No. 6, Setting the Procedural Schedule (ITC Sept. 27, 2024)
2009	RESERVED
2010	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Order No. 25, Amending the Procedural Schedule (ITC Feb. 27, 2025)

Exhibit	Description
2011	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Order No. 32, Amending the Procedural Schedule (ITC Apr. 8, 2025)
2012	Email from Niemeyer, Elizabeth, RE: Inv. No 337-TA-1414 Innoscience’s Invalidity Contentions (Feb. 3, 2025)
2013	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Respondents’ Invalidity Contentions (ITC Jan. 24, 2025)
2014	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Respondents’ Invalidity Contentions Appendix B-2 (ITC Jan. 24, 2025)
2015	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Respondents’ Invalidity Contentions Appendix B-3 (ITC Jan. 24, 2025)
2016	Email from Green, Alissa, RE: Inv. No. 337-TA-1414 Infineon's Case Narrowing Disclosure (Apr. 1, 2025)
2017	<i>In the matter of Certain Semiconductor Devices and Products Containing the Same</i> ; Inv. No. 337-TA-1414. Joint Proposed Claim Construction Chart (ITC Jan. 17, 2025)
2018	United States Patent Office, “USPTO rescinds memorandum addressing discretionary denial procedures” (Feb. 28, 2025) available at https://www.uspto.gov/about-us/news-updates/uspto-rescinds-memorandum-addressing-discretionary-denial-procedures .
2019	Vidal, K., “Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings With Parallel District Court Litigation,” Memorandum dated Jun. 21, 2022
2020	Email from Lavenue, Lionel RE: Stay, Infineon v. Innoscience – NDCA (Aug. 27, 2024)
2021	<i>Infineon Technologies Austria AG v. Innoscience (Suzhou) Technology Company, Ltd. et al.</i> ; Case No. 4:24-cv-01553-YGR, Dkt. No. 55,

Exhibit	Description
	Joint Stipulation to Stay Pending ITC Proceeding; [Proposed] Order (N.D. Cal. Aug. 30, 2024)
2022	<i>Infineon Technologies Austria AG v. Innoscience (Suzhou) Technology Company, Ltd. et al.</i> ; Case No. 4:24-cv-01553-YGR, Dkt. No. 56, Order Staying and Conditionally Closing Case for Statistical Purposes (N.D. Cal. Aug. 30, 2024)
2023	Declaration of Turhan F. Sarwar in Support of Admission <i>Pro Hac Vice</i>
2024	Declaration of Edwin Piner, Ph.D. (“Piner”)
2025	Curriculum Vitae of Edwin Piner, Ph.D.
2026	Transcript of Deposition of Yuji Zhao, Ph.D. (Sept. 5, 2025) (“Zhao-Dep.”)
2027	Larry Zhao, “All About Interconnects” Semiconductor Engineering, https://semiengineering.com/all-about-interconnects/ (Dec. 18, 2017)
2028	U.S. Patent No. 6,249,056 (“Kwon”)
2029	U.S. Patent No. 4,017,890 (“Howard”)
2030	Excerpts from JAEGER, INTRODUCTION TO MICROELECTRONIC FABRICATION (2nd Ed. 2002) (“Jaeger”)
2031	Excerpts from OHRING, THE MATERIALS SCIENCE OF THIN FILMS (1992) (“Ohring”)
2032	U.S. Patent No. 7,537,951 (“Gambino”)
2033	U.S. Patent App. Pub. No. 2007/0007653 A1 (“Chen-653”)
2034	Stewart, C.M., “Enforcement and Non-Waiver of 37 C.F.R. § 42.104(B)(4) and Permissible Uses of General Knowledge in Inter <i>Partes</i> Reviews,” Memorandum dated July 31, 2025
2035	Patent Owner’s Demonstrative Exhibits

Pursuant to 37 CFR § 42.6(e)(4)(ii), and the Board's Order Setting Oral Argument (Paper 23), Patent Owner herewith submits the following Exhibit:

<u>Exhibit</u>	<u>Description</u>
2035	Patent Owner's Demonstrative Exhibits

Respectfully submitted
Infineon Technologies Americas Corp.

Date: April 6, 2026

/Turhan Sarwar/

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

I certify that on April 6, 2026, a copy of the foregoing document, including any exhibits filed therewith, is being served via electronic mail, as previously consented to by Petitioner, upon the following:

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