UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC,
Petitioner

v.

GREENTHREAD, LLC,
Patent Owner

IPR2023-00265
U.S. Patent No. 9,190,502

PATENT OWNER'S CURRENT LIST OF EXHIBITS

EXHIBIT LIST

Exhibit No.	Description	Submitted Previously
Ex. 2001	*Greenthread, LLC v. Intel Corp.*, No. 6:22-cv-00105-ADA, Dkt. 7 (summons returned executed) (W.D. Tex. Feb. 7, 2022)	X
Ex. 2002	**[SEALED]** Email communication from Petitioner's counsel to Patent Owner's counsel October 16, 2023	X
Ex. 2003	Presentation entitled "Accelerating the Journey Towards a Sustainable Ecosystem" (2023) available at Petitioner's website at https://www.onsemi.com/site/pdf/2023_Analyst_Day_Presentation.pdf	X
Ex. 2004	"Clock Devices for Servers" (Aug. 2020) available at https://cdrdv2-public.intel.com/620306/620306_Clock_Devices_For_Server_Rv1p3.pdf	X
Ex. 2005	On Semiconductor Corporation Form 10-K filing with U.S. Securities and Exchange Commission for the fiscal year ended December 31, 2016	X
Ex. 2006	ON Semiconductor data sheet entitled "NCP81248 Three-Rail Controller with Intel Proprietary Interface for IMVP8 CPU Applications" (Feb. 2018) available at https://www.onsemi.com/pdf/datasheet/ncp81248-d.pdf	X
Ex. 2007	onsemi data sheet entitled "+ 1 Phase Output Controller with SVID Interface for Computer CPU Applications" (May 2023) available at https://www.onsemi.com/download/data-sheet/pdf/ncp81566-d.pdf	X

Exhibit No.	Description	Submitted Previously
Ex. 2008	Onsemi data sheet entitled "+ 2 Phase Output Controller with SVID Interface for Computer CPU Applications (May 2023) available at https://www.onsemi.com/download/data-sheet/pdf/ncp81567-d.pdf	X
Ex. 2009	Article entitled "If You Invested $1000 in ON Semiconductor Corp. a Decade Ago, This is How Much It'd Be Worth Now," May 8, 2023 available at https://finance.yahoo.com/news/invested-1000-semiconductor-corp-decade-123012312.html	X
Ex. 2010	Onsemi Standard Terms and Conditions of Sale, Rev.08102021 available at https://www.onsemi.com/site/pdf/ONSEMI_T&C.pdf	X
Ex. 2011	Plaintiff's First Set of Common Interrogatories to Defendants ON Semiconductor Corporation and Monolithic Power Services, Inc., Et Al., *Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA (D. Del.) (served Sept. 27, 2023)	X
Ex. 2012	Plaintiff's First Set of Common Requests for the Production of Documents to Defendants ON Semiconductor Corporation and Monolithic Power Services, Inc., Et Al., *Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA (D. Del.) (served Sept. 27, 2023)	X
Ex. 2013	Definition of "privity" in Black's Law Dictionary (11th ed. 2019) available from Westlaw at westlaw.com	X
Ex. 2014	**[SEALED]** Email communication from Petitioner's counsel to Patent Owner's counsel October 11, 2023	X
Ex. 2015	Plaintiff's Identification of Accused Products and Asserted Patents, *Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA (D. Del.) (served Oct. 12, 2023)	X

Exhibit No.	Description	Submitted Previously
Ex. 2016	Petition (Paper 2) in *Sony Group Corp. v. Greenthread, LLC*, IPR2023-00324	X
Ex. 2017	Petition (Paper 1) in *Sony Group Corp. v. Greenthread, LLC*, IPR2023-00376	X
Ex. 2018	*Greenthread, LLC v. Intel Corp.*, No. 6:22-cv-00105-ADA, Dkt. 1 (Complaint) (W.D. Tex. Jan. 27, 2022)	X
Ex. 2019	*Greenthread, LLC v. Dell Inc.*, No. 6:22-cv-105-ADA, Dkt. 120 (Second Amended Complaint)	X
Ex. 2020	*Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA, Dkt. 1 (Complaint with accompanying exhibits) (D. Del. Apr. 21, 2023)	X
Ex. 2021	*Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA, Dkt. 24 (Scheduling Order) (D. Del. Sept. 11, 2023)	X
Ex. 2022	**[SEALED]** Confidential agreement	X
Ex. 2023	Petition (Paper 1) in *Intel Corp. v. Greenthread LLC*, IPR2023-00308	X
Ex. 2024	Petition (Paper 1) in *Intel Corp. v. Greenthread LLC*, IPR2023-00420	X
Ex. 2025	Petition (Paper 1) in *Intel Corp. v. Greenthread LLC*, IPR2023-00552	X
Ex. 2026	Petition (Paper 1) in *Dell Techs. Inc. v. Greenthread LLC*, IPR2023-00506	X
Ex. 2027	Petition (Paper 1) in *Dell Techs. Inc. v. Greenthread LLC*, IPR2023-00509	X

Exhibit No.	Description	Submitted Previously
Ex. 2028	**[SEALED]** Confidential declaration	X
Ex. 2029	**[SEALED]** Email communication from Patent Owner's counsel to Petitioner's counsel between May 26 to June 1, 2023	X
Ex. 2030	Web pages from websites of Onsemi (www.onsemi.com), Mouser Electronics, Inc. (www.mouser.com), Rochester Electronics (www.rocelec.com), and DigiKey Corporation (www.digikey.com) (URLs for web pages are indicated on respective pages)	X
Ex. 2031	*Greenthread, LLC v. Intel Corp.*, No. 6:22-cv-00105-ADA, Dkt. 113 (Redacted Memorandum Opinion and Order) (W.D. Tex. Dec. 27, 2022)	X
Ex. 2032	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 38 (First Amended Complaint for Patent Infringement) (W.D. Tex., filed Apr. 29, 2022)	X
Ex. 2033	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 38-8 (Greenthread's Amended Preliminary Infringement Contentions) (W.D. Tex., filed Apr. 29, 2022)	X
Ex. 2034	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 38-12 (Exs. D-1, D-2, D-3, D-6 to Greenthread's Preliminary Infringement Contentions) (W.D. Tex., filed Apr. 29, 2022)	X
Ex. 2035	Plaintiff's Supplemental Identification of Asserted Patents and Accused Products in *Greenthread, LLC v. ON Semiconductor Corp.*, No. 23-443-RGA (served to Petitioner's counsel on Nov. 10, 2023)	X
Ex. 2036	Webpage regarding iFixIt, PlayStation 5 Teardown (https://www.ifixit.com/Teardown/PlayStation+5+Teardown/138280)	X

Exhibit No.	Description	Submitted Previously
Ex. 2037	Webpage from Mouser Electronics, Inc. for NCP252160 (https://www.mouser.com/ProductDetail/onsemi/NCP252160MNTWG?qs=sPbYRqrBIVkc9klNZ2pXbg%3D%3D)	X
Ex. 2038	Webpage from DigiKey for NCP252160 (https://www.digikey.com/en/products/detail/onsemi/NCP252160MNTWG/15859992)	X
Ex. 2039	Webpage from Mouser Electronics, Inc. for NB3L202K (https://www.mouser.com/ProductDetail/onsemi/NB3L202KMNTXG?qs=z6PAvqrnkvR8PcLN2EnUzg%3D%3D)	X
Ex. 2040	Webpage from DigiKey for NB3L202K (https://www.digikey.com/en/products/detail/onsemi/NB3L202KMNTXG/7220446)	X
Ex. 2041	Definition of "agent" in Black's Law Dictionary (11th ed. 2019) available from Westlaw at westlaw.com	X
Ex. 2042	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 135 (Motion for Admission Pro Hac Vice of L. Popovski on Behalf of Sony) (W.D. Tex., filed January 30, 2023)	X
Ex. 2043	[RESERVED]	
Ex. 2044	Email communication from Patent Owner to Petitioner's litigation counsel dated September 13, 2023	X
Ex. 2045	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 49 (Notice of Appearance of Additional Counsel) (W.D. Tex., filed June 9, 2022)	X
Ex. 2046	[RESERVED]	

Exhibit No.	Description	Submitted Previously
Ex. 2047	[RESERVED]	
Ex. 2048	*Greenthread, LLC v. Intel Corp.*, 6:22-cv-00105-ADA, Dkt. 120-8 (Greenthread's Amended Preliminary Infringement Contentions) (W.D. Tex., filed Jan. 23, 2023)	X
Ex. 2049	**[SEALED]** Email communications between Petitioner's counsel and Patent Owner's counsel, dated Oct. 31, 2023 - Nov. 1, 2023	X
Ex. 2050	**[SEALED]** Email communications between Petitioner's counsel and Patent Owner's counsel, dated Nov. 2-7, 2023	X
Ex. 2051	**[SEALED]** Email communications between Petitioner's counsel and Patent Owner's counsel, dated Nov. 14-15, 2023	X
Ex. 2052	**[SEALED]** Email communications between Petitioner's counsel and Patent Owner's counsel, dated Dec. 12-13, 2023	X
Ex. 2053	Web page from website of Onsemi (https://www.onsemi.com/products/custom-assp/soc-sip-custom-products)	X
Ex. 2054	Greenthread, LLC v. ON Semiconductor Corp., No. 23-443-RGA, Dkt. 36 (Second Amended Complaint) (D. Del. Nov. 22, 2023)	X
Ex. 2055	Greenthread, LLC v. ON Semiconductor Corp., No. 23-443-RGA, Dkt. 42 (Defendants' Answer, Affirmative Defenses, and Counterclaims to Plaintiff's Second Amended Complaint) (D. Del. Dec. 20, 2023)	X
Ex. 2056	**[SEALED]** Email communications between the Board, Petitioner's counsel and Patent Owner's counsel dated November 27, 2023	X

Exhibit No.	Description	Submitted Previously
Ex. 2057	*Greenthread, LLC v. Samsung Electronics Co., Ltd.. et al*, Civil Action No. 2-19-cv-00147 (EDTX), Dkt. No. 6, Order regarding service	X
Ex. 2058	Deposition Transcript of Dr. Travis Blalock taken in *Semiconductor Components Indus., LLC v. Greenthread, LLC*, IPR2023-01242, -01243 and -01244, dated May 2, 2024	X
Ex. 2059	Declaration of Dr. Travis Blalock filed in *Semiconductor Components Indus., LLC v. Greenthread, LLC*, IPR2023-01242 as Exhibit 1003	X
Ex. 2060	U.S. Patent No. 11,121,222	X
Ex. 2061	Petition (Paper 3) in *Sony Group Corp. v. Greenthread, LLC*, IPR2023-00325	X
Ex. 2062	Petition (Paper 1) in *Sony Group Corp. v. Greenthread, LLC*, IPR2023-00375	X
Ex. 2063	**[SEALED]** Confidential agreement	X
Ex. 2064	Declaration of Dr. Alexander Glew	X
Ex. 2065	Excerpts from Chen, J. Y., CMOS Devices and Technology for VLSI, Prentice-Hall (1990)	X
Ex. 2066	U.S. Patent No. 5,384,476 ("Nishizawa")	X
Ex. 2067	CV of Dr. Alexander Glew	X
Ex. 2068	U.S. Patent No. 8,421,195	X

Exhibit No.	Description	Submitted Previously
Ex. 2069	U.S. Patent No. 9,190,502	X
Ex. 2070	U.S. Patent No. 10,510,842	X
Ex. 2071	U.S. Patent No. 10,734,481	X
Ex. 2072	U.S. Patent No. 11,316,014	X
Ex. 2073	File History of U.S. Patent No. 8,421,195	X
Ex. 2074	File History of U.S. Patent No. 9,190,502	X
Ex. 2075	File History of U.S. Patent No. 10,510,842	X
Ex. 2076	File History of U.S. Patent No. 10,734,481	X
Ex. 2077	File History of U.S. Patent No. 11,316,014	X
Ex. 2078	[**SEALED**] Declaration of Mohan Rao	X
Ex. 2079	Statista Information	X
Ex. 2080	*Greenthread, LLC v. Cirrus Logic Inc.*, No. 1:23-cv-369-DC-DTG, Dkt. 53 (Claim Construction Order and Memorandum in Support Thereof) (W.D. Tex. Mar. 13, 2024)	X
Ex. 2081	*Greenthread, LLC v. Cirrus Logic Inc.*, No. 1:23-cv-369-DC-DTG, Dkt. 37 (Opening Claim Construction Brief by Greenthread) (W.D. Tex. Nov. 27, 2023)	X

Exhibit No.	Description	Submitted Previously
Ex. 2082	*Greenthread, LLC v. Samsung Elecs. Co.*, No. 2:19-CV-00147-JRG, 2020 WL 1911200 (Claim Construction Memorandum Opinion and Order) (E.D. Tex. Apr. 20, 2020)	X
Ex. 2083	Exhibit 2022 in *Texas Instruments Inc. v. Greenthread LLC*, IPR2024-00771 (including excerpts of the Deposition Transcript of Scott Warrick taken on June 7, 2024 along with marked Exhibits 3-5 in Greenthread, LLC vs. Cirrus Logic, Inc., 1:23-cv-00369-DC (W.D. Tex.))	X
Ex. 2084	Excerpts of Kittel, Charles, Introduction to Solid State Physics, John Wiley & Sons, Inc. (1996).	X
Ex. 2085	Transcript of Deposition of Dr. Stephen A. Campbell, *Monolithic Power Systems, Inc. v. Greenthread, LLC*, IPR2024-00468, (Ex. 2058).	X
Ex. 2086	Declaration of Dr. Stephen A. Campbell, *Monolithic Power Systems, Inc. v. Greenthread, LLC*, IPR2024-00468 (Ex. 1003).	X
Ex. 2087	Petitioner OnSemi's Demonstratives, *OnSemi v. Greenthread, LLC*, IPR2023-01242 (Ex. 1056).	X
Ex. 2088-2900	[RESERVED]	
Ex. 2901	**[SEALED]** IPR2023-01242 Patent Owner's Motion for Additional Discovery, Paper 8	X
Ex. 2902	**[SEALED]** IPR2023-01242 Petitioner's Opposition to Patent Owner's Motion for Additional Discovery, Paper 11	X
Ex. 2903	**[SEALED]** IPR2023-01242 Patent Owner's Reply In Support of PO's Motion for Additional Discovery, Paper 14	X

Exhibit No.	Description	Submitted Previously
Ex. 2904	**[SEALED]** IPR2023-01242 Order Denying Patent Owner's Motion for Additional Discovery, Paper 30	X
Ex. 2905	**[SEALED]** IPR2023-01243 Patent Owner's Motion for Additional Discovery, Paper 7	X
Ex. 2906	**[SEALED]** IPR2023-01243 Petitioner's Opposition to Patent Owner's Motion for Additional Discovery, Paper 10	X
Ex. 2907	**[SEALED]** IPR2023-01243 Patent Owner's Reply In Support of PO's Motion for Additional Discovery, Paper 13	X
Ex. 2908	**[SEALED]** IPR2023-01243 Order Denying Patent Owner's Motion for Additional Discovery, Paper 29	X
Ex. 2909	**[SEALED]** IPR2023-01244 Patent Owner's Motion for Additional Discovery, Paper 8	X
Ex. 2910	**[SEALED]** IPR2023-01244 Petitioner's Opposition to Patent Owner's Motion for Additional Discovery, Paper 11	X
Ex. 2911	**[SEALED]** IPR2023-01244 Patent Owner's Reply In Support of PO's Motion for Additional Discovery, Paper 14	X
Ex. 2912	**[SEALED]** IPR2023-01244 Order Denying Patent Owner's Motion for Additional Discovery, Paper 30	X
Ex. 2913	Patent Owner's Demonstratives	

Dated: May 4, 2025

Respectfully submitted,

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CERTIFICATION OF SERVICE

The undersigned hereby certifies that a copy of this **PATENT OWNER'S CURRENT LIST OF EXHIBITS** has been served on Petitioner via email on the following counsel of record for Petitioner:

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