

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC,
Petitioner

v.

GREENTHREAD, LLC,
Patent Owner

IPR2023-00266
U.S. Patent No. 8,421,195

PATENT OWNER'S CURRENT LIST OF EXHIBITS

EXHIBIT LIST

Exhibit No.	Description	Submitted Previously
Ex. 2001	<i>Greenthread, LLC v. Intel Corp.</i> , 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/datasheet/pdf/ncp81566-d.pdf	X
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/datasheet/pdf/ncp81567-d.pdf	X

Exhibit No.	Description	Submitted Previously
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., <i>Greenthread, LLC v. ON Semiconductor Corp.</i> , 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., <i>Greenthread, LLC v. ON Semiconductor Corp.</i> , No. 23-443-RGA (D. Del.) (served Sept. 27, 2023)	X
Ex. 2013	Definition of “privity” in Black’s Law Dictionary (11 th 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, <i>Greenthread, LLC v. ON Semiconductor Corp.</i> , No. 23-443-RGA (D. Del.) (served Oct. 12, 2023)	X
Ex. 2016	Petition (Paper 2) in <i>Sony Group Corp. v. Greenthread, LLC</i> , IPR2023-00324	X
Ex. 2017	Petition (Paper 1) in <i>Sony Group Corp. v. Greenthread, LLC</i> , IPR2023-00376	X

Exhibit No.	Description	Submitted Previously
Ex. 2018	<i>Greenthread, LLC v. Intel Corp.</i> , No. 6:22-cv-00105-ADA, Dkt. 1 (Complaint) (W.D. Tex. Jan. 27, 2022)	X
Ex. 2019	<i>Greenthread, LLC v. Dell Inc.</i> , No. 6:22-cv-105-ADA, Dkt. 120 (Second Amended Complaint)	X
Ex. 2020	<i>Greenthread, LLC v. ON Semiconductor Corp.</i> , No. 23-443-RGA, Dkt. 1 (Complaint with accompanying exhibits) (D. Del. Apr. 21, 2023)	X
Ex. 2021	<i>Greenthread, LLC v. ON Semiconductor Corp.</i> , 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 <i>Intel Corp. v. Greenthread LLC</i> , IPR2023-00308	X
Ex. 2024	Petition (Paper 1) in <i>Intel Corp. v. Greenthread LLC</i> , IPR2023-00420	X
Ex. 2025	Petition (Paper 1) in <i>Intel Corp. v. Greenthread LLC</i> , IPR2023-00552	X
Ex. 2026	Petition (Paper 1) in <i>Dell Techs. Inc. v. Greenthread LLC</i> , IPR2023-00506	X
Ex. 2027	Petition (Paper 1) in <i>Dell Techs. Inc. v. Greenthread LLC</i> , IPR2023-00509	X
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

Exhibit No.	Description	Submitted Previously
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	<i>Greenthread, LLC v. Intel Corp.</i> , No. 6:22-cv-00105-ADA, Dkt. 113 (Redacted Memorandum Opinion and Order) (W.D. Tex. Dec. 27, 2022)	X
Ex. 2032	<i>Greenthread, LLC v. Intel Corp.</i> , 6:22-cv-00105-ADA, Dkt. 38 (First Amended Complaint for Patent Infringement) (W.D. Tex., filed Apr. 29, 2022)	X
Ex. 2033	<i>Greenthread, LLC v. Intel Corp.</i> , 6:22-cv-00105-ADA, Dkt. 38-8 (Greenthread's Amended Preliminary Infringement Contentions) (W.D. Tex., filed Apr. 29, 2022)	X
Ex. 2034	<i>Greenthread, LLC v. Intel Corp.</i> , 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 <i>Greenthread, LLC v. ON Semiconductor Corp.</i> , 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
Ex. 2037	Webpage from Mouser Electronics, Inc. for NCP252160 (https://www.mouser.com/ProductDetail/onsemi/NCP252160MNTWG?qs=sPbYRqrBIVkc9klnZ2pXbg%3D%3D)	X

Exhibit No.	Description	Submitted Previously
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=z6PAvqrnkvrR8PcLN2EnUzg%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 (11 th ed. 2019) available from Westlaw at westlaw.com	X
Ex. 2042	<i>Greenthread, LLC v. Intel Corp.</i> , 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	<i>Greenthread, LLC v. Intel Corp.</i> , 6:22-cv-00105-ADA, Dkt. 49 (Notice of Appearance of Additional Counsel) (W.D. Tex., filed June 9, 2022)	X
Ex. 2046	[RESERVED]	
Ex. 2047	[RESERVED]	
Ex. 2048	<i>Greenthread, LLC v. Intel Corp.</i> , 6:22-cv-00105-ADA, Dkt. 120-8 (Greenthread’s Amended Preliminary Infringement Contentions) (W.D. Tex., filed Jan. 23, 2023)	X

Exhibit No.	Description	Submitted Previously
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-ssp/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
Ex. 2057	<i>Greenthread, LLC v. Samsung Electronics Co., Ltd.. et al</i> , Civil Action No. 2-19-cv-00147 (EDTX), Dkt. No. 6, Order regarding service	X

Exhibit No.	Description	Submitted Previously
Ex. 2058	Deposition Transcript of Dr. Travis Blalock taken in <i>Semiconductor Components Indus., LLC v. Greenthread, LLC</i> , IPR2023-01242, -01243 and -01244, dated May 2, 2024	X
Ex. 2059	Declaration of Dr. Travis Blalock filed in <i>Semiconductor Components Indus., LLC v. Greenthread, LLC</i> , IPR2023-01242 as Exhibit 1003	X
Ex. 2060	U.S. Patent No. 11,121,222	X
Ex. 2061	Petition (Paper 3) in <i>Sony Group Corp. v. Greenthread, LLC</i> , IPR2023-00325	X
Ex. 2062	Petition (Paper 1) in <i>Sony Group Corp. v. Greenthread, LLC</i> , IPR2023-00375	X
Ex. 2063	[SEALED] Confidential agreement	X
Ex. 2064	Declaration of Dr. Alexander Glew	X
Ex. 2064	Declaration of Dr. Alexander Glew	X
Ex. 2065	Excerpts from Chen, J. Y., <u>CMOS Devices and Technology for VLSI</u> , 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
Ex. 2069	U.S. Patent No. 9,190,502	X

Exhibit No.	Description	Submitted Previously
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	<i>Greenthread, LLC v. Cirrus Logic Inc.</i> , 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	<i>Greenthread, LLC v. Cirrus Logic Inc.</i> , No. 1:23-cv-369-DC-DTG, Dkt. 37 (Opening Claim Construction Brief by Greenthread) (W.D. Tex. Nov. 27, 2023)	X
Ex. 2082	<i>Greenthread, LLC v. Samsung Elecs. Co.</i> , No. 2:19-CV-00147-JRG, 2020 WL 1911200 (Claim Construction Memorandum Opinion and Order) (E.D. Tex. Apr. 20, 2020)	X

Exhibit No.	Description	Submitted Previously
Ex. 2083	Exhibit 2022 in <i>Texas Instruments Inc. v. Greenthread LLC</i> , IPR2024-00771 (including excerpts of the Deposition Transcript of Scott Warrick taken on June 7, 2024 along with marked Exhibits 3-5 in <i>Greenthread, LLC vs. Cirrus Logic, Inc.</i> , 1:23-cv-00369-DC (W.D. Tex.))	X
Ex. 2084	Excerpts of Kittel, Charles, <u>Introduction to Solid State Physics</u> , John Wiley & Sons, Inc. (1996).	X
Ex. 2085	Transcript of Deposition of Dr. Stephen A. Campbell, <i>Monolithic Power Systems, Inc. v. Greenthread, LLC</i> , IPR2024-00468, (Ex. 2058).	X
Ex. 2086	Declaration of Dr. Stephen A. Campbell, <i>Monolithic Power Systems, Inc. v. Greenthread, LLC</i> , IPR2024-00468 (Ex. 1003).	X
Ex. 2087	Petitioner OnSemi's Demonstratives, <i>OnSemi v. Greenthread, LLC</i> , 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
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

Exhibit No.	Description	Submitted Previously
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	X
Ex. 2914	Declaration of Matthew Murphy in IPR2023-01242, -01243, -01244; IPR2024-00263, -00264, -00265, -00266	
Ex. 2915	[SEALED] Deposition Transcript of Matthew Murphy in IPR2023-01242, -01243, -01244; IPR2024-00263, -00264, -00265 and -00266, dated July 23, 2025.	

Dated: August 12, 2025

Respectfully submitted,

/Alan L. Whitehurst/

Alan Whitehurst

Reg. No. 43,263

awhitehurst@mckoolsmith.com

Arvind Jairam

Reg. No. 62,759

ajairam@mckoolsmith.com

MCKOOL SMITH, P.C.

1717 K St. NW, Suite 1000

Washington, DC 20006

Telephone: (202) 370-8300

Facsimile: (202) 370-8344

Scott W. Hejny

Reg. No. 45,882

shejny@mckoolsmith.com

MCKOOL SMITH, P.C.

300 Crescent Court, Suite 2100

Dallas, TX 75201

Telephone: (214) 978-4000

Facsimile: (214) 978-4044

Archis "Neil" Ozarkar

Reg. No. 71,265

nozarkar@mckoolsmith.com

MCKOOLSMITH, P.C.

600 Travis Street, Suite 600

Houston, TX 77002

Telephone: (713) 485-7300

Facsimile: (713) 485-7344

Counsel for Patent Owner

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:

Roger Fulghum
Roger.Fulghum@BakerBotts.com
Michael Hawes
Michael.Hawes@BakerBotts.com
BAKER BOTTS L.L.P.
910 Louisiana Street
Houston, TX 77002
T: (713) 229-1234

Mark Speegle
Mark.Speegle@BakerBotts.com
Ellyar Y. Barazesh
Ellyar.Barazesh@BakerBotts.com
BAKER BOTTS L.L.P.
401 South First Street, Suite 1300
Austin, TX 78704
T: (512) 322-2536

Daniel Anderson
Daniel.Anderson@andersonpatents.com
1930 S. Alma School Road, Suite A200
Mesa, AZ 85210
T: (602) 516-8265

Eliot D. Williams
Eliot.Williams@BakerBotts.com
700 K Street, NW
Washington, DC 20006
T: (202) 639-1334

dlgreenthreadvonsemi@bakerbotts.com

Dated: August 12, 2025

By: /Alan L. Whitehurst/
Alan L. Whitehurst, Reg. No. 43,263