**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC, and TEXAS INSTRUMENTS INCORPORATED,
Petitioner

v.

GREENTHREAD, LLC,
Patent Owner

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IPR2023-01244[1]
U.S. Patent No. 11,121,222

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# PATENT OWNER'S CURRENT LIST OF EXHIBITS

[1] Texas Instruments Incorporated, which filed a petition in IPR2024-00674, has been joined as a petitioner in this proceeding.

# 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 | 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 |

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|---|---|---|
| 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 | 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 | 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 | Confidential declaration | X |
| Ex. 2029 | 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 | Email communications between Petitioner's counsel and Patent Owner's counsel, dated Oct. 31, 2023 - Nov. 1, 2023 | X |
| Ex. 2050 | Email communications between Petitioner's counsel and Patent Owner's counsel, dated Nov. 2-7, 2023 | X |
| Ex. 2051 | Email communications between Petitioner's counsel and Patent Owner's counsel, dated Nov. 14-15, 2023 | X |
| Ex. 2052 | 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 | Email communications between the Board, Petitioner's counsel and Patent Owner's counsel dated November 27, 2023 | X |
| Ex. 2057 | Declaration of Dr. Alexander Glew | X |

| Exhibit No. | Description | Submitted Previously? |
|---|---|---|
| Ex. 2058 | Transcript of Deposition of Dr. Travis Blalock in IPR2013-01242, -01243, -01244 | X |
| Ex. 2059 | Excerpts from Chen, J. Y., CMOS Devices and Technology for VLSI, Prentice-Hall (1990) | X |
| Ex. 2060 | U.S. Patent No. 5,384,476 ("Nishizawa") | X |
| Ex. 2061 | CV of Dr. Alexander Glew | X |
| Ex. 2062 | U.S. Patent No. 8,421,195 | X |
| Ex. 2063 | U.S. Patent No. 9,190,502 | X |
| Ex. 2064 | U.S. Patent No. 10,510,842 | X |
| Ex. 2065 | U.S. Patent No. 10,734,481 | X |
| Ex. 2066 | U.S. Patent No. 11,316,014 | X |
| Ex. 2067 | File History of U.S. Patent No. 8,421,195 | X |
| Ex. 2068 | File History of U.S. Patent No. 9,190,502 | X |
| Ex. 2069 | File History of U.S. Patent No. 10,510,842 | X |

| Exhibit No. | Description | Submitted Previously? |
|---|---|---|
| Ex. 2070 | File History of U.S. Patent No. 10,734,481 | X |
| Ex. 2071 | File History of U.S. Patent No. 11,316,014 | X |
| Ex. 2072 | Declaration of Phil John | X |
| Ex. 2073 | Statista Information | X |
| Ex. 2074 | Petition in *Sony Group Corp. v. Greenthread*, LLC, IPR2023-00325 | X |
| Ex. 2075 | Petition in *Sony Group Corp. v. Greenthread, LLC*, IPR2023-00375 | X |
| Ex. 2076 | Declaration of Dr. Travis Blalock in IPR 2023-01242 | X |
| Ex. 2077 | *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. 2078 | [RESERVED] | |
| Ex. 2079 | *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 |

| Exhibit No. | Description | Submitted Previously? |
|---|---|---|
| Ex. 2080 | 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. 2081 | Email communications between the Board, Petitioner's counsel and Patent Owner's counsel dated August 13, 2024 | X |
| Ex. 2082 | Email communication to the Board from Petitioner's counsel and Patent Owner's counsel dated August 30, 2024 | X |
| Ex. 2083-2099 | [RESERVED] | |
| Ex. 2100 | Demonstratives of Patent Owner Greenthread, LLC | |

Dated: November 12, 2024

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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Dated: November 12, 2024 By: */Alan Whitehurst/*

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