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,
Petitioner

v.

GREENTHREAD LLC,
Patent Owner

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IPR2024-00265
U.S. Patent No. 9,190,502

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PETITIONER'S UPDATED EXHIBIT LIST

UPDATED EXHBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 9,190,502 to Rao (the "'502 Patent")
1002	Prosecution History of the '502 Patent ("the Prosecution History")
1003	Declaration of Travis Blalock, PhD
1004	Curriculum Vitae of Travis Blalock, PhD
1005	U.S. Patent No. 4,684,971 ("Payne")
1006	U.S. Patent No. 4,907,058 to Sakai ("Sakai")
1007	U.S. Patent No. 6,043,114 to Kawagoe, et al., ("Kawagoe")
1008A	Stanley Wolf and Richard N. Tauber, *Silicon Processing For The VLSI Era,* Vol 1, Lattice Press (2000) ("Wolf.1")
1008B	Stanley Wolf and Richard N. Tauber, *Silicon Processing For The VLSI Era,* Vol. 2, Lattice Press (2000) ("Wolf.2")
1008C	Stanley Wolf and Richard N. Tauber, *Silicon Processing For The VLSI Era,* Vol. 3, Lattice Press (2000) ("Wolf.3")
1008D	Stanley Wolf and Richard N. Tauber, *Silicon Processing For The VLSI Era,* Vol. 4, Lattice Press (2000) ("Wolf.4")
1009	U.S. Patent No. 4,160,985 ("Kamins")
1010	U.S. Patent No. 4,481,522 ("Jastrzebski")
1011	U.S. Patent Application Publication No. 2003/0042511 ("Rhodes")
1012	U.S. Patent Application Publication No. 2002/0102783 ("Fujimoto")
1013	Wang and Agrawal, *Single Event Upset: An Embedded Tutorial*, 21st Intl Conf on VLSI Design, IEEE 2008 ("Wang")
1014	Publication Declaration of Alyssa G. Resnick for Wolf.1 and Wolf.2 ("Resnick Decl.")
1015	Publication Declaration of Rachel J. Watters for Wolf.3 and Wolf.4 ("Watters Decl.")
1016	IPR2020-00290, Patent Owner Preliminary Response
1017	U.S. Pat. No. 11,121,222 (the "'222 Patent")
1018	U.S. Pat. No. 11,316,014 (the "'014 Patent")
1019	*Greenthread, LLC, v. Samsung Elecs. Co., Ltd. et al.*, Civil Action No. 2:19-cv-00147-JRG, Dkt. 67 (E.D. Tex. Apr. 20, 2019)
1020	Prosecution History of U.S. Pat. No. 11,121,222
1021	Prosecution History of U.S. Pat. No. 11,316,014
1022	U.S. Patent Application Publication No. 2004/0063288 ("Kenney")

Exhibit No.	Description
1023	Jaeger, *Introduction to Microelectronic Fabrication*, Vol. V, Addison-Wesley Modular Series on Solid State Devices (1988) ("Jaeger")
1024	U.S. District Courts – Case Statistics, obtained at https://www.uscourts.gov/statistics-reports/analysis-reports/federal-court-management-statistics , dated March 31, 2023
1025	U.S. Patent No. 4,435,896 ("Parrillo")
1026	L.C. Parrillo, R.S. Payne et al., *Twin-Tub CMOS - A Technology for VLSI Circuits*, IEEE 1980 ("Parrillo2")
1027	U.S. Patent Application Publication No. 2007/0045682 to Hong *et al*. ("Hong")
1028	The Oxford American Dictionary and Language Guide, Oxford University Press (1996)
1029	Defendants' Opening Claim Construction Brief, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 82 (W.D. Tex. Oct. 10, 2022)
1030	Greenthread's Response Claim Construction Brief, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 96 (W.D. Tex. Oct. 31, 2022)
1031	Defendants' Reply Claim Construction Brief, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 100 (W.D. Tex. Nov. 14, 2022)
1032	Greenthread's Sur-Reply Claim Construction Brief, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 102 (W.D. Tex. Nov. 28, 2022)
1033	Proposed Claim Constructions in the District Court Case, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 102 (W.D. Tex. Nov. 28, 2022)
1034	Redacted District Court Case Transfer Order, *Greenthread, LLC v. Intel Corp., et al*., Civil Action No. 6:22-cv-00105-ADA, Dkt. 113 (W.D. Tex. Dec. 27, 2022)
1035	*Greenthread, LLC, v. Samsung Elecs. Co., Ltd. et al.*, Civil Action No. 2:19-cv-00147-JRG, Dkt. 105 (E.D. Tex. Jul. 9, 2020)
1036	IPR2020-00290, Termination Order

Exhibit No.	Description
1037	District Court's Tentative Claim Construction Ruling, *Greenthread, LLC v. Intel Corp. et al.*, Civil Action No. 6:22-cv-00105-ADA (W.D. Tex.)
1038	U.S. Patent Application Publication No. 2003/0183856 to Wieczorek ("Wieczorek")
1039	Parillo IEEE Citation List
1040	Prosecution History of U.S. Patent No. 8,421,195
1041	Rabaey *et al*., *Digital Integrated Circuits, A Design Perspective*, Prentice Hall Electronics and VLSI Series (2003) ("Rabaey")
1042	Sze, *Semiconductor Devices Physics and Technology*, 2d Ed., John Wiley & Sons (2002)
1043	Publication Declaration of Martin L. Knott for Rabaey ("Knott Decl.")
1044	Maziasz and Hayes, *Layout Minimization of CMOS* Cells, Kluwer Academic Publishers (1992) ("Maziasz")
1045	Public Declaration of Sean O'Bryan for Maziasz ("O'Bryan Decl.")
1046	US. Patent No. 5,986,924 ("Yamada")
1047	U.S. Patent No. 8,421,195 to Rao (the "'195 Patent")
1048	U.S. Patent No. 6,614,560 ("Silverbrook")
1049	Wong, H. P., et al. "CMOS active pixel image sensors fabricated using a 1.8-V 0.25-µm CMOS technology." IEEE Transactions on Electron Devices 45.4 (1998): 889-894.
1050	Publication Declaration of Silvia Hall-Ellis for Wolf
1051	Law360 Article "Stays Pending IPR in Del. District Courts Are Here To Stay," Kraning and Del Dotto, March 11, 2022.
1052	McGraw-Hill Dictionary of Scientific and Technical Terms (2003)
1053	01242 Paper 32 - Decision granting Inter Partes Review - PO material
1054	01242 Paper 35 - Decision granting Inter Partes Review – public
1055	01243 Paper 31 - Decision granting Inter Partes Review - PO material
1056	01243 Paper 34 - Decision granting Inter Partes Review – public
1057	01244 Paper 32 - Decision granting Inter Partes Review - PO material
1058	01244 Paper 35 - Decision granting Inter Partes Review – public
1059	01242 Paper 22 - Petitioner's Authorized Reply to Patent Owner's Preliminary Response – confidential

Exhibit No.	Description
1060	01243 Paper 21 - Petitioner's Authorized Reply to Patent Owner's Preliminary Response – confidential
1061	01244 Paper 22 - Petitioner's Authorized Reply to Patent Owner's Preliminary Response - confidential
1062	Authorization Email to Board

Dated: May 31, 2024

Respectfully submitted,

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CERTIFICATE OF SERVICE

In accordance with 37 C.F.R. § 42.6(e), the undersigned certifies that on the 31st day of May, 2024, a complete and entire copy of this **PETITIONER'S UPDATED EXHIBIT LIST** was served on Patent Owner electronically via email to counsel for the Patent Owner:

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