IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLIED MATERIALS, INC.

Petitioner,

v.

OCEAN SEMICONDUCTOR LLC,

Patent Owner.

Case IPR: IPR2021-01342
U.S. Patent No. 6,968,248

PETITIONER'S REPLY TO PATENT OWNER'S PRELIMINARY RESPONSE

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EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 6,968,248 ("'248 patent")
1002	U.S. Patent No. 6,907,305 ("'305 patent")
1003	Declaration of Stanley Shanfield, Ph.D.
1004	*Curriculum Vitae* of Stanley Shanfield, Ph.D.
1005	File Wrapper for the '248 patent
1006	File Wrapper for the '305 patent
1007	Schulze, U.S. Patent Application Publication No. US 2002/0116083 (provisional application filed Oct. 17, 2000; application filed Oct. 16; 2001; published Aug. 22, 2002)
1008	Gupta et al., U.S. Patent No. 4,888,692 (filed Nov. 10, 1988; issued Dec. 19, 1989)
1009	Schulze, U.S. Provisional Application No. 60/241,343 (filed Oct. 17, 2000)
1010	United States Patent and Trademark Office's Electronic Assignment Record for U.S. Patent No. 6,968,248
1011	District Court Trial Dates Tend to Slip After PTAB Discretionary Denials, *available at* https://www.patentspostgrant.com/district-court-trial-dates-tend-to-slip-after-ptab-discretionary-denials/ (last visited July 20, 2021)
1012	B.L. MacCarthy and J. Liu, *Addressing the Gap in Scheduling Research: A Review of Optimization and Heuristic Methods in Production Scheduling*, Int. J. Prod. Pres., Vol. 31, No. 1, 59-79 (1993)
1013	W. Shen, L. Wang and Q. Hao, *Agent-based Distributed Manufacturing Process Planning and Scheduling: A State-of-the-art*

Exhibit No.	Description
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1014	W. Shen, *Distributed manufacturing scheduling using intelligent agents*, IEEE Intelligent Systems, vol. 17, no. 1, 88-94 (Jan.-Feb. 2002)
1015	M. Yamamoto and S. Y. Nof, *Scheduling/rescheduling in the manufacturing operating system environment* , International Journal of Production Research, 23:4, 705-722 (1985)
1016	J. Sun and D. Xue, *A Dynamic Reactive Scheduling Mechanism for Responding to Changes of Production Orders and Manufacturing Resources*, Computers in Industry, 189-207 (2001)
1017	J. McGehee, *The MMST Computer-Integrated Manufacturing System Framework*, IEEE Transactions on Semiconductor Manufacturing, 7: 107-16 (1994)
1018	P. Cowling and M. Johansson, *Using Real Time Information for Effective Dynamic Scheduling*, European Journal of Operational Research 139, 230-244 (2002)
1019	P. Diwan and D. Kothari, *Role of Automation and Robotics in Semiconductor Industry*, IETE Technical Review, 7: 368-77 (1990)
1020	N.R. Jennings and M. Wooldridge, *Applications of Intelligent Agents*, Agent Technology, 3-28 (1998)
1021	J.Y. Pan and J.M. Tenenbaum, *Toward an Intelligent Agent Flamework for Enterprise Integration*, AAAI (1991)
1022	H. Fargher and R. Smith, *Planning for the Semiconductor Manufacturer of the Future*, AAAI (1992)
1023	W. Shen and D. Norrie, *A Hybrid Agent-Oriented Infrastructure for Modeling Manufacturing Enterprises* (1998)

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1024	K. Kouiss, H. Pierreval, and N. Mebarki, *Using Multi-Agent Architecture in FMS for Dynamic Scheduling*, J. Intelligent Manufacturing, vol. 8, no. 1, 41–47 (Feb. 1997)
1025	S. Parthasarathy and S.H. Kim, *Manufacturing Systems: Parallel System Models and Some Theoretical Results*, International Journal of Computer Applications in Technology, Vol. 3, No. 4, 225-238 (1990)
1026	R. Uzsoy, C. Lee, and L. Martin-Vega, *Models in the Semiconductor Industry Part I: System Characteristics, Performance Evaluation and Production Planning*, IIE Transactions, 24:4, 47-60 (1992)
1027	H. Fargher, et al., *A Planner and Scheduler for Semiconductor Manufacturing*, IEEE Transactions on Semiconductor Manufacturing, Vol. 7, No. 2, 117-28 (May 1994)
1028	R. Leachman and D. Hodges, *Benchmarking Semiconductor Manufacturing* (2001)
1029	J. Macher et al., *E-Business and Semiconductor Industry Value Chain: Implications for Vertical Specialization and Integrated Semiconductor Manufacturers*, East-West Center Working Papers Economics Series No. 47 (May 2002)
1030	G. Tassey, *Standardization in Technology-Based Markets* (June 1999)
1031	R. Langlois, *Capabilities and Vertical Disintegration in Process Technology: The Case of Semiconductor Fabrication Equipment* (January 1998)
1032	*Ocean Semiconductor LLC v. Analog Devices, Inc.*, No. 1:20-cv-12310 (D. Mass.), ECF No. 37, Sept. 20, 2021
1033	*Ocean Semiconductor LLC v. Infineon Tech. AG*, No. 1:20-cv-12311 (D. Mass.), ECF No. 38, Sept. 20, 2021

Exhibit No.	Description
1034	*Ocean Semiconductor LLC v. MediaTek Inc.*, No. 6:20-cv-1210 (W.D. Tex.), ECF No. 49, Nov. 29, 2021
1035	*Tetrad Tech., LLC v. Implus Footcare, LLC*, No. 6:21-cv-796 (W.D. Tex.), ECF No. 15, Oct. 13, 2021
1036	*Peters v. United States*, No. 6:21-cv-550 (W.D. Tex.), ECF No. 13, Oct. 3, 2021
1037	*Springman v. Fun Town Enter., LLC*, No. 6:21-cv-63 (W.D. Tex.), ECF No. 14, Apr. 16, 2021
1038	*Satco Prod., Inc. v. Signify N. Am. Corp.*, No. 6:21-cv-146 (W.D. Tex.), ECF No. 34, July 14, 2021
1039	How reliable are trial dates relied on by the PTAB in the Fintiv analysis? *available at* https://www.1600ptab.com/2021/10/how-reliable-are-trial-dates-relied-on-by-the-ptab-in-the-fintiv-analysis/ (last visited Dec. 7, 2021)
1040	*WSOU Inv., LLC v. Dell Tech. Inc.*, No. 6:20-cv-00473 (W.D. Tex.), ECF No. 128, Dec. 1, 2021
1041	*Ocean Semiconductor LLC v. MediaTek Inc.*, No. 6:20-cv-1210 (W.D. Tex.), ECF No. 51, Dec. 9, 2021
1042	*Ocean Semiconductor LLC v. MediaTek Inc.*, No. 6:20-cv-1210 (W.D. Tex.), Docket Report, Dec. 10, 2021

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