

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Mercedes-Benz USA, LLC,
Petitioner,

v.

Daedalus Prime LLC,
Patent Owner.

Case No. IPR2023-01333
Patent 10,049,080

PETITIONER'S UPDATED EXHIBIT LIST

Jiaxing (Kyle) Xu (*pro hoc vice*)
HOGAN LOVELLS US LLP
Four Embarcadero, #3500
San Francisco, CA 94111
Telephone: 415.374.2300
Facsimile: 415.374.2399

Filed on behalf of Petitioner:
Celine Jimenez Crowson (Reg. No. 40,357)
Joseph J. Raffetto (Reg. No. 66,218)
Scott Hughes (Reg. No. 68,385)
Nicholas Rotz (Reg. No. 75,959)
Damon M. Lewis (*pro hoc vice*)
HOGAN LOVELLS US LLP
555 13th Street N.W.
Washington, D.C. 20004
Telephone: 202.637.5600
Facsimile: 202.637.571

Pursuant to 37 C.F.R. § 42.63(e), Petitioner Mercedes-Benz USA, LLC hereby submits a current listing of its exhibits.

Exhibit No.	Description
1001	U.S. Patent No. 10,049,080 to George et al. (“the ’080 Patent”)
1002	Declaration of Dr. Trevor Mudge submitted in IPR2023-00567
1003	<i>Curriculum Vitae</i> of Dr. Trevor Mudge
1004	Prosecution History of the ’080 Patent (Application No. 15/431,527)
1005	U.S. Patent Pub. No. 2011/0213950 to Mathieson et al. (“Mathieson”)
1006	U.S. Patent Pub. No. 2009/0309243 to Carmack et al. (“Carmack”)
1007	U.S. Patent Pub. No. 2008/0288748 to Sutardja et al. (“Sutardja ’748”)
1008	U.S. Patent Pub. No. 2007/0083785 to Sutardja (“Sutardja ’785”)
1009	U.S. Patent Pub. No. 2011/0145615 to Rychlik et al. (“Rychlik”)
1010	Prosecution History of U.S. Patent No. 9,569,278 (“the ’278 Patent”)
1011	INTENTIONALLY LEFT BLANK
1012	INTENTIONALLY LEFT BLANK
1013	INTENTIONALLY LEFT BLANK
1014	INTENTIONALLY LEFT BLANK
1015	INTENTIONALLY LEFT BLANK
1016	INTENTIONALLY LEFT BLANK

1017	INTENTIONALLY LEFT BLANK
1018	INTENTIONALLY LEFT BLANK
1019	INTENTIONALLY LEFT BLANK
1020	Claim Mapping Table
1021	INTENTIONALLY LEFT BLANK
1022	U.S. Patent Pub. No. 2006/0095807 to Grochowski (“Grochowski”)
1023	U.S. Patent Pub. No. 2012/0317568 to Aasheim (“Aasheim”)
1024	Jeffrey C. Mogul et al., <i>Operating Systems and Asymmetric SingleISA CMPs: The Potential for Saving Energy</i> , Hewlett-Packard Development Company, L.P. (2007)
1025	Juan Carlos Saez et al., <i>Operating System Support for Mitigating Software Scalability Bottlenecks on Asymmetric Multicore Processors</i> , ACM 978-1-4503-004-5/10/05 (2010)
1026	U.S. Patent No. 7,093,147 to Farkas et al. (“Farkas”)
1027	Charles Lefurgy et al., <i>Energy Management for Commercial Servers</i> , Computer 39 (Dec. 2003)
1028	Yushi Shen et al., <i>Enabling the New Era of Cloud Computing: Data Security, Transfer, and Management</i> (Information Science Reference 2014)
1029	Stefanos Kaxiras and Margaret Martonosi, <i>Computer Architecture Techniques for Power-Efficiency</i> , in Synthesis Lectures on Computer Architecture #4 (Morgan & Claypool 2008).
1030	Vasanth Venkatachalam and Michael Franz, <i>Power Reduction Techniques For Microprocessor Systems</i> , 37 ACM Computing Surveys 195 (2005).
1031	Euiseong Seo et al., <i>Energy Efficient Scheduling of Real-Time Tasks on Multicore Processors</i> , 19 IEEE Transactions on Parallel and Distributed Systems 1540 (Nov. 2008)

1032	Rakesh Kumar et al., <i>Single-ISA Heterogeneous Multi-Core Architectures: The Potential for Processor Power Reduction</i> , Proceedings of the 36th International Symposium on Microarchitecture (MICRO-36 2003), IEEE Computer Society (2003)
1033	U.S. Patent No. 8,615,647 to Hum et al. (“Hum”)
1034	Declaration of Dr. Robert Horst
1035	<i>Curriculum Vitae</i> of Dr. Robert Horst
1036	Declaration of Damon M. Lewis
1037	Declaration of Jiaxing (Kyle) Xu
1038	Brogioli Deposition Transcript
1039	Petitioner’s Oral Hearing Demonstratives

Dated: November 7, 2024

Respectfully submitted,

/s/ Celine Jimenez Crowson

Celine Jimenez Crowson (Reg. No. 40,357)
Joseph J. Raffetto (Reg. No. 66,218)
Scott Hughes (Reg. 68,385)
Nicholas Rotz (Reg. No. 75,959)
Damon M. Lewis (*pro hoc vice*)
HOGAN LOVELLS US LLP
555 13th Street N.W.
Washington, D.C. 20004
Telephone: 202.637.5600
Facsimile: 202.637.5910

Jiaxing (Kyle) Xu (*pro hoc vice*)
HOGAN LOVELLS US LLP
Four Embarcadero, #3500
San Francisco, CA 94111
Telephone: 415.374.2300
Facsimile: 415.374.2399

Counsel for Petitioner Mercedes-Benz USA, LLC

Certificate of Service

The undersigned certifies that, in accordance with 37 C.F.R. § 42.6(e), the foregoing **PETITIONER’S UPDATED EXHIBIT LIST (with Exhibit 1039)** was served on November 7, 2024, electronically via e-mail upon the following parties:

Tarek N. Fahmi (Lead Counsel)
Ascenda Law Group, PC
tarek.fahmi@ascendalaw.com

/s/ Ky-Yen Wong
Ky-Yen Wong