UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT & BMW OF NORTH AMERICA, LLC,
Petitioners,

v.

PAICE LLC & THE ABELL FOUNDATION, INC.
Patent Owners.

Case IPR2020-01299
Patent 8,630,761

PETITIONERS' UPDATED EXHIBIT LIST

Exhibit No.	Description of Exhibit
BMW1001	U.S. Patent No. 8,630,761
BMW1002	USPTO Assignments on the Web for U.S. Patent No. 7,104,347 K2
BMW1003	*Ford Motor Co. v. Paice LLC*, IPR2014-00571, Paper 44, Final Written Decision (P.T.A.B. Sep. 28, 2015)
BMW1004	*Ford Motor Co. v. Paice LLC*, IPR2014-00579, Paper 45, Final Written Decision (P.T.A.B. Sep. 28, 2015)
BMW1005	*Paice LLC v. Ford Motor Co.*, Appeal Nos. 2016-1412, -1415, -1745, Doc. 46-2, Opinion (Fed. Cir. Mar. 7, 2017)
BMW1006	*Ford Motor Co. v. Paice LLC*, IPR2015-00794, Paper 31, Final Written Decision (P.T.A.B. Nov. 1, 2016)
BMW1007	*Paice LLC v. Ford Motor Co.*, Appeal Nos. 2017-1442, -1443, Doc. 59-2, Opinion (Fed. Cir. Feb. 1, 2018)
BMW1008	Declaration of Dr. Gregory W. Davis in Support of *Inter Partes* Review of U.S. Patent No. 8,630,761
BMW1009	*Curriculum Vitae* of Dr. Gregory W. Davis, Ph.D., P.E.
BMW1010	*Ford Motor Co. v. Paice LLC*, IPR2015-00795, Paper 31, Final Written Decision (P.T.A.B. Nov. 1, 2016)
BMW1011	*Ford Motor Co. v. Paice LLC*, IPR2014-00884, Paper 38, Final Written Decision (P.T.A.B. Dec. 10, 2015)
BMW1012	RESERVED
BMW1013	U.S. Patent No. 5,343,970 ("Severinsky")
BMW1014-BMW1019	RESERVED
BMW1020	U.S. Patent No. 6,188,945 ("Graf")

BMW1021	RESERVED
BMW1022	U.S. Patent No. 5,650,931 ("Nii")
BMW1023	*Innovations in Design: 1993 Ford Hybrid Electric Vehicle Challenge*, Society of Automotive Engineers, SAE/SP-94/980, Davis, G.W. et al., "United States Naval Academy, AMPhibian" (Feb. 1994), 277-87
BMW1024	*1996 Future Car Challenge*, Society of Automotive Engineers, SAE/SP-97/1234, Swan, J. et al., "Design and Development of Hyades, a Parallel Hybrid Vehicle for the 1996 FutureCar Challenge" (Feb. 1997), 23-30
BMW1025	*1997 Future Car Challenge*, Society of Automotive Engineers, SAE/SP-98/1359, Swan, J. et al., "Design and Development of Hyades, a Parallel Hybrid Electric Vehicle for the 1997 FutureCar Challenge" (Feb. 1998), 29-39
BMW1026	RESERVED
BMW1027	Wakefield, E.H., Ph.D., *History of the Electric Automobile – Hybrid Electric Vehicles*, Society of Automotive Engineers, SAE/SP-98/3420 (1998), 17-34 (Chapter 2: The History of the Petro-Electric Vehicle)
BMW1028	Unnewehr, L.E. et al., "Hybrid Vehicle for Fuel Economy," Society of Automotive Engineers, SAE/SP-76/0121 (1976)
BMW1029	Burke, A.F., "Hybrid/Electric Vehicle Design Options and Evaluations," Society of Automotive Engineers, SAE/SP-92/0447, International Congress & Exposition, Detroit, Michigan (Feb. 24-28, 1992)
BMW1030	Duoba, M, "Challenges for the Vehicle Tester in Characterizing Hybrid Electric Vehicles," 7th CRC On Road Vehicle Emissions Workshop, San Diego, California (Apr. 9-11, 1997)
BMW1031	*Electric and Hybrid Vehicles Program, 18th Annual Report to Congress for Fiscal Year 1994*, U.S. Department of Energy (Apr. 1995)

BMW1032	Bates, B. et al., "Technology for Electric and Hybrid Vehicles," Society of Automotive Engineers, SAE/SP-98/1331 (Feb. 1998)
BMW1033	Stodolsky, F. et al., "Strategies in Electric and Hybrid Vehicle Design," Society of Automotive Engineers, SAE/SP-96/1156, Kozo, Y. et al., "Development of New Hybrid System – Dual System," SAE/SP-96/0231 (Feb. 1996), 25-33
BMW1034	Leschly, K.O., *Hybrid Vehicle Potential Assessment, Volume 7: Hybrid Vehicle Review*, U.S. Department of Energy (Sep. 30, 1979)
BMW1035	RESERVED
BMW1036	Masding, P.W., et al., "A microprocessor controlled gearbox for use in electric and hybrid-electric vehicles," *Transactions of the Institute of Measurement and Control*, Vol. 10, No. 4 (July –Sep. 1988), 177-86
BMW1037-BMW1038	RESERVED
BMW1039	Davis, G.W., Ph.D. et al., *Introduction to Automotive Powertrains*, Chapter 2: Road Loads (2000), 27-68
BMW1040	Ehsani, M. et al., "Propulsion System Design of Electric Vehicles," Texas A&M University, Department of Electrical Engineering (1996), 7-13
BMW1041	Ehsani, M. et al., "Propulsion System Design of Electric and Hybrid Vehicles," *IEEE Transactions on Industrial Electronics*, Vol. 44, No. 1 (Feb. 1997), 19-27
BMW1042	Bauer, H., ed., *Automotive Handbook*, Robert Bosch Gmbh (4th Ed. Oct. 1996), Excerpts
BMW1043	*Design Innovations in Electric and Hybrid Electric Vehicles*, Society of Automotive Engineers, SAE/SP-96/1089, Anderson, C., et al., "The Effects of APU Characteristics on the Design of Hybrid Control Strategies for Hybrid Electric Vehicles," SAE/SP-95/0493 (Feb. 1995), 65-71

BMW1044	U.S. Patent No. 5,656,921 ("Farrall")
BMW1045-BMW1051	RESERVED
BMW1052	File History for U.S. Patent No. 8,630,761
BMW1053	USPTO Assignments on the Web for U.S. Patent No. 8,630,761
BMW1054	"Predicting the Use of a Hybrid Electric Vehicle" Quigley, et al. ("Quigley")
BMW1055	Declaration of Sylvia Hall-Ellis, Ph.D.
BMW1056	U.S. Patent No. 5,189,621 ("Onari")
BMW1057	U.S. Patent No. 4,625,697 ("Hosaka")
BMW1058	U.S. Patent No. 5,533,583 ("Adler")
BMW1059-BMW1085	RESERVED
BMW1086	*Paice LLC et al. v. BMW AG et al.*, No. 1:19-cv-003348-SAG, Order (D. Md. Nov. 25, 2020)
BMW1087	Declaration of Jacob Z. Zambrzycki in Support of Motion for *Pro Hac Vice* Admission Under 37 C.F.R. § 42.10
BMW1088	Reply Declaration of Dr. Gregory W. Davis in Support of Inter Partes Review of U.S. Patent No. 8,630,761
BMW1089	Deposition Transcript of Dr. Mahdi Shahbakhti (May 6, 2021) – for IPR2020-00994 (U.S. Patent No. 7,104,347)
BMW1090	European Patent No. EP 0,576,703 ("Graf '703")
BMW1091	RESERVED
BMW1092	Ehsani, M., et al., Modern Electric, Hybrid Electric, and Fuel Cell Vehicles: Fundamentals, Theory, and Design (CRC Press 2005), Chapter 8 ("Parallel Hybrid Electric Drive Train Design")

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