

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

Inter Partes Review No.: IPR2020-00994

U.S. Patent No. 7,104,347 K2

CORRECTED PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 7,104,347 UNDER
35 U.S.C. § 311 AND 37 C.F.R. § 42.100

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LIST OF EXHIBITS

Exhibit No.	Description of Exhibit
BMW1001	U.S. Patent No. 7,104,347, including <i>Inter Partes</i> Review Certificates issued as U.S. Patent No. 7,104,347 K1 and U.S. Patent No. 7,104,347 K2
BMW1002	USPTO Assignments on the Web for U.S. Patent No. 7,104,347 K2
BMW1003	<i>Ford Motor Co. v. Paice LLC</i> , IPR2014-00571, Paper 44, Final Written Decision (P.T.A.B. Sep. 28, 2015)
BMW1004	<i>Ford Motor Co. v. Paice LLC</i> , IPR2014-00579, Paper 45, Final Written Decision (P.T.A.B. Sep. 28, 2015)
BMW1005	<i>Paice LLC v. Ford Motor Co.</i> , Appeal Nos. 2016-1412, -1415, -1745, Doc. 46-2, Opinion (Fed. Cir. Mar. 7, 2017)
BMW1006	<i>Ford Motor Co. v. Paice LLC</i> , IPR2015-00794, Paper 31, Final Written Decision (P.T.A.B. Nov. 1, 2016)
BMW1007	<i>Paice LLC v. Ford Motor Co.</i> , Appeal Nos. 2017-1442, -1443, -1472, Doc. 59-2, Opinion (Fed. Cir. Feb. 1, 2018)
BMW1008	Declaration of Dr. Gregory W. Davis in Support of <i>Inter Partes</i> Review of U.S. Patent No. 7,104,347 K2
BMW1009	<i>Curriculum Vitae</i> of Dr. Gregory W. Davis
BMW1010	<i>Ford Motor Co. v. Paice LLC</i> , IPR2014-00795, Paper 31, Final Written Decision (P.T.A.B. Nov. 1, 2016)
BMW1011	<i>Ford Motor Co. v. Paice LLC</i> , IPR2014-00884, Paper 38, Final Written Decision (P.T.A.B. Dec. 10, 2015)
BMW1012	File History for U.S. Patent No. 7,104,347 K2
BMW1013	U.S. Patent No. 5,343,970 (“Severinsky” or “Severinsky ’970”)
BMW1014	Bumby, J.R. et al., “Computer modelling of the automotive energy requirements for internal combustion engine and battery electric-powered vehicles,” <i>IEE PROCEEDINGS</i> , Vol. 132, Pt. A, No. 5

Exhibit No.	Description of Exhibit
	(Sep. 1985), 265-79 (“Bumby-I” or “Bumby I”)
BMW1015	Bumby, J.R. et al., “Optimisation and control of a hybrid electric car,” <i>IEE PROCEEDINGS</i> , Vol. 134, Pt. D, No. 6 (Nov. 1987), 373-87 (“Bumby-II” or “Bumby II”)
BMW1016	Bumby, J.R. et al., “A hybrid internal combustion engine/battery electric passenger car for petroleum displacement,” <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , Vol. 202, No. D1 (Jan. 1988), 51-65 (“Bumby-III” or “Bumby III”)
BMW1017	Bumby, J.R. et al., “A test-bed facility for hybrid i c-engine/battery-electric road vehicle drive trains,” <i>Transactions of the Institute of Measurement and Control</i> , Vol. 10, No. 2 (Apr.-June 1988), 87-97 (“Bumby-IV” or “Bumby IV”)
BMW1018	Bumby, J.R. et al., “Integrated microprocessor control of a hybrid i.c. engine/battery-electric automotive power train,” <i>Transactions of the Institute of Measurement and Control</i> , Vol. 12, No. 3 (Jan. 1990), 128-46 (“Bumby-V” or “Bumby V”)
BMW1019	U.S. Patent No. 5,586,613 (“Ehsani”)
BMW1020	U.S. Patent No. 6,188,945 (“Graf”)
BMW1021	International Application Publication No. WO 92/15778 (“Ma”)
BMW1022	U.S. Patent No. 5,650,931 (“Nii”)
BMW1023	<i>Innovations in Design: 1993 Ford Hybrid Electric Vehicle Challenge</i> , Society of Automotive Engineers, SAE/SP-94/980, Davis, G.W. et al., “United States Naval Academy, AMPhibian” (Feb. 1994), 277-87
BMW1024	<i>1996 Future Car Challenge</i> , 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	<i>1997 Future Car Challenge</i> , Society of Automotive Engineers,

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