

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

FORD MOTOR COMPANY

Petitioner,

v.

PAICE LLC & ABELL FOUNDATION, INC.

Patent Owner.

U.S. Patent No. 7,104,347 to Severinsky et al.

IPR Case No. IPR2014-00579

**DECLARATION OF DR. GREGORY DAVIS IN SUPPORT OF
REPLY TO THE PATENT OWNER'S RESPONSE**

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Updated Exhibit List

Exhibit No.	Description	Date	Identifier
1101	U.S. Patent No. 7,104,347	n/a	The '347 Patent
1102	'347 Patent File History	n/a	'347 Patent File History
1103	Bumby, J.R. et al. "Computer modelling of the automotive energy requirements for internal combustion engine and battery electric-powered vehicles" - IEE Proc. A 1985(5)	Sept. 1985	Bumby I
1104	Bumby, J.R. et al. "Optimisation and control of a hybrid electric car" - IEE Proc. A 1987, 134(6)	Nov. 1987	Bumby II
1105	Bumby, J.R. et al. "A Hybrid Internal Combustion Engine/Battery Electric Passenger Car for Petroleum Displacement" – Proc Instn Mech Engrs Volume 202 (D1), 51-65	Jan. 1988	Bumby III
1106	Bumby, J.R. et al. "A Test-Bed Facility for Hybrid IC Engine-Battery Electric Road Vehicle Drive Trains" - Trans Inst Meas & Cont 1988 Vol. 10(2)	Apr. 1, 1988	Bumby IV
1107	Bumby, J.R. et al. "Integrated Microprocessor Control of a Hybrid i.c. Engine/Battery-Electric Automotive Power Train" - Trans Inst Meas & Cont 1990 Vol. 12:128	Jan. 1, 1990	Bumby V
1108	Declaration of Gregory W. Davis		
1109	U.S. Patent Trial and Appeal Board January 3, 2014 Decision (Appeal No. 2011-004811)	Jan. 3, 2014	n/a
1110	Plaintiff Paice LLC's Reply Claim Construction Brief (Case No. 2:04-cv-00211)	March 8, 2005	
1111	Plaintiff Paice LLC's Claim Construction Brief (Case No. 2:04-cv-00211)	Mar. 29, 2005	

Exhibit No.	Description	Date	Identifier
1112	Claim Construction Order (Case No. 2:04-cv-00211)	Sept. 28, 2005	
1113	Plaintiff Paice LLC's Opening Claim Construction Brief (Case No. 2:07-cv-00180)	June 25, 2008	
1114	Plaintiff Paice LLC's Reply Brief on Claim Construction (Case No. 2:07-cv-00180)	Aug. 1, 2008	
1115	Claim Construction Order (Case No. 2:07-cv-00180)	Dec. 5, 2008	
1116	Plaintiff Paice LLC and Abell Foundation, Inc.'s Opening Claim Construction Brief (Case No. 1:12-cv-00499)	Nov. 14, 2013	
1117	Plaintiff Paice LLC and Abell Foundation, Inc.'s Responsive Brief on Claim Construction (Case No. 1:12-cv-00499)	Dec. 16, 2013	
1118	Curriculum Vitae of Gregory Davis		Declaration Ex.
1119	Innovations in Design: 1993 Ford Hybrid Electric Vehicle Challenge	Feb. 1994	Declaration Ex.
1120	1996 Future Car Challenge	Feb. 1997	Declaration Ex.
1121	1997 Future Car Challenge	Feb. 1998	Declaration Ex.
1122	History of the Electric Automobile – Hybrid Electric Vehicles	1998	Declaration Ex.
1123	Hybrid Vehicle for Fuel Economy		Declaration Ex.
1124	Hybrid/Electric Vehicle Design Options and Evaluations	Feb. 24-28, 1992	Declaration Ex.
1125	Challenges for the Vehicle Tester in Characterizing Hybrid Electric Vehicles	April 9-11, 1997	Declaration Ex.
1126	Electric and Hybrid Vehicles Program	April 1995	Declaration Ex.
1127	Technology for Electric and Hybrid Vehicles	Feb. 1998	Declaration Ex.
1128	Strategies in Electric and Hybrid Vehicle Design	Feb. 1996	Declaration Ex.
1129	Hybrid Vehicle Potential Assessment	Sept. 30, 1979	Declaration Ex.

Exhibit No.	Description	Date	Identifier
1130	Final Report Hybrid Heat Engine / Electric Systems Study	June 1, 1971	Declaration Ex.
1131	Transactions of the Institute of Measurements and Control: A microprocessor controlled gearbox for use in electric and hybrid-electric vehicles	Sept. 1, 1988	Declaration Ex.
1132	Propulsion System Design of Electric Vehicles	1996	Declaration Ex.
1133	Propulsion System Design of Electric and Hybrid Vehicles	Feb. 1997	Declaration Ex.
1134	Bosch Handbook	Oct. 1996	Declaration Ex.
1135	Design Innovations in Electric and Hybrid Electric Vehicles	Feb. 1995	Declaration Ex.
1136	U.S. Patent No. 6,209,672	Apr. 3, 2001	Declaration Ex.
1137	Introduction to Automotive Powertrains (Davis Textbook)		Declaration Ex.
1138	Yamaguchi article: Toyota Prius, Automotive Engineering International	Jan. 1998	Declaration Ex.
1139	60/100095 Provisional Application	Filed Sept. 11, 1998	Declaration Ex.
1140	Dr. Davis Reply Declaration		Davis Reply
1141	Deposition Transcript of Mr. Hannemann IPR2014-00579	April 7-8, 2015	Hannemann Dep.
1142	Exhibit 12 from the April 8, 2015 deposition of Mr. Hannemann	April 8, 2015	
1143	Deposition Transcript of Mr. Hannemann IPR2014-00571	April 7, 2015	Hannemann Dep.
1144	U.S. Patent No. 5,285,862	Feb. 15, 1994	'862 Patent

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