

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. 7,237,634 to Severinsky *et al.*

IPR Case No.: IPR2015-00800

**PETITION FOR *INTER PARTES* REVIEW
UNDER 35 U.S.C. § 311 *ET SEQ.* AND 37 C.F.R. §42.100 *ET SEQ.*
(CLAIMS 80, 91, 92, 95, 96, 99, 100, 102, 106, 114, 125, 126, 129, 132, 133, 135, 161,
172, 215, 226, 230, 233 AND 234 OF U.S. PATENT NO. 7,237,634)**

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EXHIBIT LIST

Exhibit No.	Description	Date	Identifier
1901	U.S. Patent No. 7,237,634	July 3, 2007	'634 Patent
1902	7,237,634 File History (certified)	n/a	'634 Patent File History
1903	Declaration of Gregory Davis		Davis Dec.
1904	Ford Letter to Paice	Sept. 2014	Ford Letter
1905	“Computer modelling of the automotive energy requirements for internal combustion engine and battery electric-powered vehicles,” IEE PROCEEDINGS, Vol. 132	Sept. 1985	Bumby I
1906	“Optimisation and control of a hybrid electric car,” IEE PROCEEDINGS, Vol. 134	Nov. 1987	Bumby II
1907	“A hybrid internal combustion engine/battery electric passenger car for petroleum displacement,” Proc Inst Mech Engrs Vol 202	1988	Bumby III
1908	“A test-bed facility for hybrid i c-engine/battery-electric road vehicle drive trains,” Trans Inst MC Vol 10	Apr.-June 1988	Bumby IV
1909	“Integrated microprocessor control of a hybrid i.c. engine/battery-electric automotive power train,” Trans Inst MC Vol 12	1990	Bumby V
1910	Masding Thesis – “Some drive train control problems in hybrid i.c engine/battery electric vehicles”	Nov. 1989	Masding Thesis
1911	US Patent 7,104,347	Sept. 12, 2006	'347 Patent
1912	Toyota Litigations	2005	Toyota Litigation
1913	Hyundai Litigation	2013-2014	Hyundai Litigation

Exhibit No.	Description	Date	Identifier
1914	PTAB Decisions & Preliminary Response in 2014-00571		Ford IPRs
1915	Excerpt of USPN 7,104,347 File History	n/a	'347 File History
1916	Innovations in Design: 1993 Ford Hybrid Electric Vehicle Challenge	Feb. 1994	
1917	1996 & 1997 Future Car Challenge	Feb. 1997 & Feb. 1998	
1918	Introduction to Automotive Powertrain (Davis)		Davis Textbook
1919	US Application 60-100095	Filed Sept. 11, 1998	'095 Provisional
1920	History of Hybrid Electric Vehicle (Wakefield-1998)	1998	Wakefield
1921	SAE 760121 (Unnewehr-1976)	Feb. 1, 1976	Unnewehr
1922	SAE 920447 (Burke-1992)	Feb. 1, 1992	Burke 1992
1923	Vehicle Tester for HEV (Duoba-1997)	Aug. 1, 1997	Duoba 1997
1924	DOE Report to Congress (1994)	April 1995	1994 Report to Congress
1925	SAE SP-1331 (1998)	Feb. 1998	SAE SP-1331
1926	SAE SP-1156 (1996)	Feb. 1996	SAE SP-1156
1927	Microprocessor Design for HEV (Bumby-1988)	Sept. 1, 1988	Bumby/Masding 1988
1928	DOE HEV Assessment (1979)	Sept. 30, 1979	HEV Assessment 1979
1929	EPA HEV Final Study (1971)	June 1, 1971	EPA HEV Final Study
1930	WO 9323263A1 (Field)	Nov. 25, 1998	9323263
1931	Toyota Prius (Yamaguchi-1998)	Jan. 1998	Toyota Prius Yamaguchi 1998
1932	US Patent 6,209,672	April 3, 2001	'672 Patent
1933	Propulsion System for Design for EV (Ehsani-1996)	June 5, 1996	IEEE Ehsani 1996
1934	Propulsion System Design for HEV (Ehsani-1997)	Feb. 1997	IEEE Ehsani 1997
1935	Bosch Automotive Handbook (1996)	Oct. 1996	Bosch Handbook

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