

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

FORD MOTOR COMPANY
Petitioner,

v.

PAICE LLC & ABELL FOUNDATION, INC.
Patent Owners.

U.S. Patent No. 7,104,347 to Severinsky *et al.*
IPR Case No. IPR2015-00794

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

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Updated Exhibit List

Exhibit No.	Description	Date	Identifier
1401	US Patent 7,104,347	Sept. 12, 2006	'347 Patent
1402	Ford Letter to Paice	Sept. 2014	Ford Letter
1403	US Patent 5,789,882	Aug. 4, 1998	Ibaraki '882
1404	US Patent 5,623,104	Apr. 22, 1997	Suga
1405	US Patent 4,335,429	June 15, 1982	Kawakatsu '429
1406	Automotive Electronics Handbook (Jurgen)		Jurgen
1407	US Patent 5,823,280	Oct. 20, 1998	Lateur
1408	Declaration of Gregory Davis		Davis Dec.
1409	US Application 60-100095	Filed Sept. 11, 1998	'095 Provisional
1410	Excerpt of USPN 7,104,347 File History	n/a	'347 File History
1411	U.S. Patent No. 7,237,634	July 3, 2007	'634 Patent
1412	7,237,634 File History (certified)	n/a	'634 Patent File History
1413	Toyota Litigations	2005	Toyota Litigation
1414	Hyundai Litigation	2013-2014	Hyundai Litigation
1415	PTAB Decisions & Preliminary Response in 2014-00571		Ford IPRs
1416	Bosch Automotive Handbook (1996)	Oct. 1996	Bosch Handbook
1417	US Patent 5,934,395	Aug. 10, 1999	Koide
1418	US Patent 6,116,363	Sept. 12, 2000	Frank
1419	Engineering Fundamentals of the Internal Combustion Engine	1997	Pulkrabek
1420	Fiat Conceptual Approach to Hybrid Cars Design (Vittone)	Dec. 5-7, 1994	Vittone
1421	US Patent 5,865,263	Feb. 2, 1999	Yamaguchi
1422	US Patent 6,003,626	Dec. 21, 1999	Ibaraki '626
1423	Innovations in Design: 1993 Ford Hybrid Electric Vehicle Challenge	Feb. 1994	

Exhibit No.	Description	Date	Identifier
1424	1996 & 1997 Future Car Challenge	Feb. 1997 & Feb. 1998	
1425	Introduction to Automotive Powertrain (Davis)		Davis Textbook
1426	History of Hybrid Electric Vehicle (Wakefield-1998)	1998	Wakefield
1427	SAE 760121 (Unnewehr-1976)	Feb. 1, 1976	Unnewehr
1428	SAE 920447 (Burke-1992)	Feb. 1, 1992	Burke 1992
1429	Vehicle Tester for HEV (Duoba-1997)	Aug. 1, 1997	Duoba 1997
1430	DOE Report to Congress (1994)	April 1995	1994 Report to Congress
1431	SAE SP-1331 (1998)	Feb. 1998	SAE SP-1331
1432	SAE SP-1156 (1996)	Feb. 1996	SAE SP-1156
1433	Microprocessor Design for HEV (Bumby-1988)	Sept. 1, 1988	Bumby/Masding 1988
1434	DOE HEV Assessment (1979)	Sept. 30, 1979	HEV Assessment 1979
1435	EPA HEV Final Study (1971)	June 1, 1971	EPA HEV Final Study
1436	Propulsion System for Design for EV (Ehsani-1996)	June 18, 2005	IEEE Ehsani 1996
1437	Propulsion System Design for HEV (Ehsani-1997)	Feb. 1997	IEEE Ehsani 1997
1438	Critical Issues in Quantifying HEV Emissions (An 1998)	Aug. 11, 1998	An 1998
1439	WO 9323263A1 (Field)	Nov. 25, 1998	9323263
1440	Toyota Prius (Yamaguchi-1998)	Jan. 1998	Toyota Prius Yamaguchi 1998
1441	US Patent 6,209,672	April 3, 2001	'672 Patent
1442	SAE SP-1089 (Anderson-1995)	Feb. 1995	SAE SP-1089
1443	1973 Development of the Federal Urban Driving Schedule (SAE 730553)	1973	SAE 1973
1444	Gregory Davis Resume		
1445	Gregory Davis Data		
1446	U.S. Patent No. 4,407,132	Oct. 4, 1983	Kawakatsu '132

Exhibit No.	Description	Date	Identifier
1447	Final Decision, IPR2014-00904, Paper 41	December 10, 2015	'904 Decision
1448	Final Decision, IPR2014-00571, Paper 44	September 28, 2015	'571 Decision
1449	Final Decision, IPR2014-01416, Paper 26	March 10, 2016	'1416 Decision
1450	Deposition Transcript of Neil Hannemann for IPR2014-01416	Sept. 4, 2015	Hannemann '1416 Dep.
1451	Final Decision, IPR2014-00884, Paper 38	December 10, 2015	'884 Decision
1452	Final Decision, IPR2014-00875, Paper 38	November 23, 2015	'875 Decision
1453	Final Decision, IPR2014-01415, Paper 30	March 10, 2016	'1415 Decision
1454	Deposition Transcript of Neil Hannemann for IPR2014-00570	April 8, 2015	Hannemann '570 Dep.
1455	Deposition Transcript of Neil Hannemann for IPR2014-00875	April 30, 2015	Hannemann '875 Dep.
1456	Exhibit 2 from deposition of Neil Hannemann for IPR2014-00875	April 30, 2015	'875 Dep. Exhibit
1457	Patent Owner's Response, IPR2014-00884, Paper 19	March 10, 2015	'884 POR
1458	Modern Electric, Hybrid Electric and Fuel Cell Vehicles	2005	Ehsani
1459	Bosch Handbook	1976	Bosch Handbook 1976
1460	Deposition Transcript of Neil Hannemann for IPR2014-00884	April 30, 2015	Hannemann '884 Dep.
1461	Deposition Transcript of Neil Hannemann for IPR2014-00787	April 27, 2016	Hannemann '787 Dep.
1462	Exhibit 12 from Deposition Transcript of Neil Hannemann (IPR2014-00884)	April 30, 2015	'884 Dep. Exhibit
1463	Patent Owner's Response, IPR2014-01416, Paper 17	June 17, 2015	'1416 POR
1464	Deposition Transcript of Neil Hannemann for IPR2014-00571	April 7, 2015	Hannemann '571 Dep.

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