

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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FORD MOTOR COMPANY  
Petitioner,

v.

PAICE LLC & ABELL FOUNDATION, INC.  
Patent Owner.

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U.S. Patent No. 7,237,634 to Severinsky *et al.*

IPR Case No. IPR2015-00799

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**PETITION FOR *INTER PARTES* REVIEW  
UNDER 35 U.S.C. § 311 *ET SEQ.* AND 37 C.F.R. § 42.100 *ET SEQ.*  
OF CLAIMS 81-90, 115-124, 162-171, AND 216-225  
OF U.S. PATENT NO. 7,237,634**

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**EXHIBIT LIST**

<b>Exhibit No.</b>	<b>Description</b>	<b>Identifier</b>
1961	U.S. Patent No. 7,237,634	'634 Patent
1962	Declaration of Dr. Jeffrey L. Stein	Stein Decl.
1963	PCT Publication No. WO00/015455	'455 PCT Publication
1964	U.S. Patent No. 5,343,970	Severinsky '970
1965	Ford's letter to Paice dated September 22, 2014	Ford Letter
1966	<i>Paice, LLC et al. v. Ford Motor Co.</i> , Case No. 1:14-cv-00492, District of MD, Baltimore Div., Memorandum Opinion (Oct. 8, 2014)	MD Ct. Decision
1967	<i>Ford Motor Co v. Paice LLC</i> , Case IPR2014-00568, Paper 12 (P.T.A.B. Sept. 8, 2014) (Decision Denying Institution of <i>Inter Partes</i> Review)	IPR2014-00568 Decision
1968	U.S. Provisional Application No. 60/100,095	'095 Provisional Application
1969	U.S. Provisional Application No. 60/122,296	'296 Provisional Application
1970	U.S. Patent No. 6,554,088	'088 CIP Patent
1971	U.S. Application No. 09/822,866	'866 CIP Application
1972	U.S. Application No. 09/264,817	'817 Application
1973	U.S. Application No. 09/392,743	'743 Application
1974	File History for U.S. Patent No. 7,237,634	'634 File History
1975	U.S. Application No. 11/229,762	'762 Application
1976	<i>Ford Motor Co v. Paice LLC</i> , Case IPR2014-00570, Paper 10 (P.T.A.B. Sept. 30, 2014) (Decision Denying Institution of <i>Inter Partes</i> Review)	IPR2014-00570 Decision
1977	Kozo Yamaguchi <i>et al.</i> , <i>Development of a New Hybrid System – Dual System</i> , SAE Technical Paper 960231 (February 1996). <a href="http://papers.sae.org/960231/">http://papers.sae.org/960231/</a>	Yamaguchi Paper

Exhibit No.	Description	Identifier
1978	General Electric Company, Corp. Research & Dev., <i>Near-Term Hybrid Vehicle Program, Final Report - Phase 1</i> (October 1979). <a href="http://ntrs.nasa.gov/search.jsp?R=19800017707">http://ntrs.nasa.gov/search.jsp?R=19800017707</a>	GE Final Report
1979	U.S. Patent No. 3,888,325	Reinbeck
1980	U.S. Patent No. 4,335,429	Kawakatsu
1981	<i>Cimline, Inc. v. Crafcro, Inc.</i> , No. 2010-1348 (Fed. Cir. Opinion March 2, 2011)	Cimline
1982	Curriculum Vitae of Dr. Jeffrey L. Stein	Dr. Stein CV
1983	U.S. Patent No. 913,846	Pieper
1984	Michael Duoba, Ctr. for Transp. Research, Argonne Nat'l Lab., <i>Challenges for the Vehicle Tester in Characterizing Hybrid Electric Vehicles</i> , 7th CRC on Road Vehicle Emissions Workshop (April 1997). <a href="http://www.osti.gov/scitech/biblio/516019">http://www.osti.gov/scitech/biblio/516019</a>	Duoba
1985	Society of Automotive Engineers Special Publication, <i>Technology for Electric and Hybrid Vehicles</i> , SAE SP-1331 (February 1998) <a href="http://www.worldcat.org/title/technology-for-electric-and-hybrid-vehicles/oclc/39802642">http://www.worldcat.org/title/technology-for-electric-and-hybrid-vehicles/oclc/39802642</a>	SAE SP-1331
1986	Catherine Anderson & Erin Pettit, <i>The Effects of APU Characteristics on the Design of Hybrid Control Strategies for Hybrid Electric Vehicles</i> , SAE Technical Paper 950493 (1995). <a href="http://papers.sae.org/950493/">http://papers.sae.org/950493/</a>	Anderson
1987	L. E. Unnewehr <i>et al.</i> , <i>Hybrid Vehicle for Fuel Economy</i> , SAE Technical Paper 760121 (1976). <a href="http://papers.sae.org/760121/">http://papers.sae.org/760121/</a>	Unnewehr
1988	<i>Ford Motor Co. v. Paice, LLC</i> , Case IPR2014-00568, Paper 8, Patent Owner's [Redacted] Preliminary Response to Petition (July 11, 2014)	IPR2014-00568 Redacted PO Prelim. Response
1989	Performance Characterization Chevrolet S-10 Electric, Panasonic Lead-Acid Battery, Southern California Edison Electrical Transportation Division (December 1999). <a href="http://avt.inel.gov/pdf/fsev/sce_rpt/s10pbareport.pdf">http://avt.inel.gov/pdf/fsev/sce_rpt/s10pbareport.pdf</a>	S10 Performance Report

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