

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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VOLKSWAGEN GROUP OF AMERICA, INC.,  
Petitioner

v.

ADVANCED SILICON TECHNOLOGIES, LLC,  
Patent Owner

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Case IPR2016-TBA  
Patent 8,933,945 B2

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**PETITION FOR *INTER PARTES* REVIEW**

***Mail Stop "PATENT BOARD"***  
Patent Trial and Appeal Board  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**Cases**

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**EXHIBIT LIST**

<b>Exhibit</b>	<b>DESCRIPTION</b>
1001	U.S. Patent No. 8,933,945 B2 (“’945 patent”)
1002	File History of Application Serial No. 10/459,797, which became the ’945 patent, as filed and obtained from PAIR (“’945 file history”)
1003	Declaration of Dr. Donald S. Fussell
1004	U.S. Patent No. 6,778,177 to Furtner (“Furtner”)
1005	U.S. Patent No. 5,794,016 to Kelleher (“Kelleher”)
1006	U.S. Patent No. 6,864,896 to Perego (“Perego”)
1007	U.S. Patent No. 5,408,606 to Eckart (“Eckart”)
1008	U.S. Patent No. 5,757,385 to Narayanaswami et al. (“Narayanaswami”)
1009	U.S. Patent No. 6,070,003 to Gove et al. (“Gove”)
1010	“Computer Graphics Principles and Practice: Second Edition in C,” by Foley et al. (“Foley”)
1011	“3D Computer Graphics,” by Alan Watt (“Watt”)
1012	“Multiprocessor Methods for Computer Graphics Rendering,” by Scott Whitman (“Whitman”)
1013	“Cramming more components onto integrated circuits,” by Gordon Moore (“Moore”)
1014	“Miniaturization of electronics and its limits,” by R. W. Keyes (“Keyes”)
1015	TMS320C80 Datasheet

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