

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 IPR2016-00894  
U.S. Patent No. 8,933,945 B2

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**PATENT OWNER'S PRELIMINARY RESPONSE  
PURSUANT TO 37 C.F.R. § 42.107(a)**

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