

# Exhibit 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY,  
LTD.GLOBALFOUNDRIES U.S., INC., GLOBALFOUNDRIES  
DRESDEN  
MODULE ONE LLC & CO. KG, GLOBALFOUNDRIES DRESDEN  
MODULE  
TWO LLC & CO. KG  
Petitioners

v.

ZOND, LLC  
Patent Owner

U.S. Patent No. 7,147,759

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*Inter Partes* Review Case Nos. IPR2014-00781,  
00782, 01083, 01086, 01087

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**DECLARATION OF LARRY D. HARTSOUGH, Ph.D.**

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