

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Apple Inc.,
Petitioner

v.

INVT SPE LLC,
Patent Owner

IPR Case No. IPR2019-00959
U.S. Patent No. 7,848,439

**PETITION FOR *INTER PARTES* REVIEW
UNDER 35 U.S.C. § 311 *ET SEQ.* AND 37 C.F.R. § 42.100 *ET SEQ.*
(CLAIM 8 OF U.S. PATENT NO. 7,848,439)**

EXHIBIT LIST

EXHIBIT	DESCRIPTION	DATE
1001	U.S. Patent No. 7,848,439 to Sheet al. ("the '439 Patent")	December 7, 2010
1002	File History of U.S. Patent No. 7,848,439 to She et al.	n/a
1003	U.S. Patent No. 6,904,283 to Li et al. ("Li")	June 7, 2005
1004	U.S. Patent No. 7,221,680 to Vijayan et al. ("Vijayan")	May 22, 2007
1005	U.S. Patent No. 6,721,569 to Hashem et al. ("Hashem")	April 13, 2004
1006	U.S. Patent No. 5,596,604 to Cioffi et al. ("Cioffi")	January 21, 1997
1007	Declaration of Zhi Ding, Ph.D.	n/a
1008	Curriculum Vitae of Zhi Ding, Ph.D.	n/a
1009	U.S. Patent No. 6,167,031 to Olofsson et al.	December 26, 2000

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