Docket No. 1642930-0009 IPR4

UNITED ST	TATES PATENT	Γ AND TRA	DEMARK C	FFICE
BEFORE T	HE PATENT 1	TRIAL AND	APPEAL B	OARD

ADVANCED MICRO DEVICES, INC., RENESAS ELECTRONICS CORPORATION, RENESAS ELECTRONICS AMERICA, INC., GLOBALFOUNDRIES U.S., INC., GLOBALFOUNDRIES DRESDEN MODULE ONE LLC & CO. KG, GLOBALFOUNDRIES DRESDEN MODULE TWO LLC & CO. KG, TOSHIBA AMERICA ELECTRONIC COMPONENTS, INC., TOSHIBA AMERICA INC., TOSHIBA AMERICA INFORMATION SYSTEMS, INC., AND TOSHIBA CORPORATION.

Petitioner

V.

ZOND, INC. Patent Owner

Case No.

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 7,147,759
CHALLENGING CLAIMS 20, 21, 34-36, 38, 39, 47 AND 49
UNDER 35 U.S.C. § 312 AND 37 C.F.R. § 42.104



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	A. Ground I: Claims 20 and 34 are obvious in view of the combination of Mozgrin and Kudryavtsev
	1. Independent claim 20
	2. Dependent claim 34 is obvious in view of the combination of Mozgrin and Kudryavtsev
	B. Ground II: Claims 21, 47 and 49 are obvious in view of the combination of Mozgrin, Kudryavtsev, and the Mozgrin Thesis
	C. Ground III: Dependent claims 34-36 are obvious in view of the combination of Mozgrin, Kudryavtsev and Li
	D. Ground IV: Claim 38 is obvious in view of the combination of Mozgrin, Kudryavtsev and Yamaguchi
	E. Ground V: Dependent claim 39 is obvious in view of the combination of Mozgrin, Kudryavtsev and Muller-Horsche
	F. Ground VI: Claims 20, 21, 34, 36 and 47 are obvious in view of the combination of Wang and Kudryavtsev
	1. Independent claim 2043
	2. Dependent claims 21, 34, 36 and 47 are obvious in view of the combination of Wang and Kudryavtsev
	G. Ground VII: Dependent claim 35 is obvious in view of the combination of Wang, Kudryavtsev and Li
	H. Ground VIII: Dependent claim 38 is obvious in view of the combination of Wang Kudryavtsev and Yamaguchi
	I. Ground IX: Dependent claim 39 is obvious in view of the combination of Wang, Kudryavtsev and Muller-Horsche
	J. Ground X: Dependent claim 49 is obvious in view of the combination of Wang, Kudryavtsev and the Mozgrin Thesis
Ι	X. Conclusion60



TABLE OF AUTHORITIES

In re ICON Health & Fitness, Inc., 496 F.3d 1374, 1379 (Fed. Cir. 2007).

37 C.F.R. §42.22(a)(1)

37 C.F.R. § 42.100(b)

37 C.F.R. §42.104(a)

37 C.F.R. §42.104(b)(1)-(5)

77 Fed. Reg. 48764 (Aug. 14, 2012).



I. MANDATORY NOTICES

A. Real Party-in-Interest

Advanced Micro Devices, Inc., Renesas Electronics Corporation, Renesas Electronics America, Inc., GLOBALFOUNDRIES U.S., Inc., GLOBALFOUNDRIES Dresden Module One LLC & Co. KG, GLOBALFOUNDRIES Dresden Module Two LLC & Co. KG, Toshiba America Electronic Components, Inc., Toshiba America Inc., Toshiba America Information Systems, Inc., and Toshiba Corporation (collectively, "Petitioner") are the real parties-in-interest.

B. Related Matters

Zond has asserted U.S. Patent No. 7,147,759 ("'759 Patent") (Ex. 1201) against numerous parties in the District of Massachusetts. *See* List of Related Litigations (Ex. 1235). Petitioner is also filing additional Petitions for *inter partes* review of several patents which name the same alleged inventor. The below-listed claims of the '759 Patent are presently the subject of four substantially identical petitions for *inter partes* review with Case Nos. IPR2014-00445, IPR2014-00781, IPR2014-00845, and IPR2014-00985. Petitioner plans to seek joinder with IPR2014-00445.

C. Counsel

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