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PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,470,399

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TABLE OF AUTHORITIES

Cases:

In re Cuozzo Speed Techs., LLC,
778 F.3d 1271 (Fed. Cir. 2015).....8

In re Papst Licensing Digital Camera Patent Litigation,
778 F.3d 1255 (Fed. Cir. 2015).....9

In re Translogic Tech., Inc.,
504 F.3d 1249 (Fed. Cir. 2007).....8

Phillips v. AWH Corp.,
415 F.3d 1303 (Fed. Cir. 2005).....9, 11

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Statutes:

35 U.S.C. § 102(a) 4
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35 U.S.C. § 102(e) 4
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Regulations:

37 C.F.R. § 42.8 .....2, 3
37 C.F.R. § 42.100 8
37 C.F.R. § 42.104 .....3, 4

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EXHIBIT LIST

Ex. No.	Description
1001	U.S. Patent 6,470,399 to Tasler
1002	File History for U.S. Patent 6,470,399
1003	Declaration of Dr. Erez Zadok in Support of Petition for *Inter Partes* Review of U.S. Patent No. 6,470,399
1004	Curriculum Vitae of Dr. Erez Zadok
1005	*Intentionally left blank*
1006	*Intentionally left blank*
1007	*The SCSI Bus and IDE Interface Protocols, Applications and Programming*, by Schmidt, First Edition, Addison-Wesley, 1995
1008	*Intentionally left blank*
1009	U.S. Patent No. 4,727,512 to Birkner
1010	U.S. Patent No. 4,792,896 to Maclean
1011	International Publication Number WO 92/21224 to Jorgensen
1012	Small Computer System Interface-2 (SCSI-2), ANSI X3.131-1994, American National Standard for Information Systems (ANSI).
1013	*Operating System Concepts*, by Silberschatz *et al*., Fourth Edition.
1014	*Microsoft Computer Dictionary*, Third Edition, Microsoft Press, 1997.
1015	*Intentionally left blank*
1016	*In re Papst Licensing Digital Camera Patent Litigation*, 778 F.3d 1255 (Fed. Cir. 2015).
1017	*The Art of Electronics*, by Horowitz *et al*., First Edition, Cambridge University Press, 1980.
1018	*The IEEE Standard Dictionary of Electrical and Electronics Terms*, Sixth Edition, 1996.
1019	*Webster's Encyclopedic Unabridged Dictionary of the English Language*, Random House, 1996.
1020	*Papst Licensing GmbH & Co., KG v. Apple Inc.*, Case No. 6-15-cv-01095 (E.D. Tex.), Complaint filed November 30, 2015
1021	"Principles of Data Acquisition and Conversion," Burr-Brown Application Bulletin, 1994.
1022	"Principles of Data Acquisition and Conversion," Intersil Application Note, October 1986.
1023	"Sample-and-Hold Amplifiers," Analog Devices MT-090 Tutorial, 2009.
1024	Declaration of Scott Bennett

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