

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

Huawei Device Co., Ltd., LG Electronics, Inc., and ZTE (USA) Inc.  
Petitioner,

v.

Papst Licensing GmbH & Co. KG  
Patent Owner.

Case No. To Be Assigned  
Patent No. 6,895,449 B2

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**PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO.  
6,895,449 UNDER 35 U.S.C. §§ 311-319 AND 37 C.F.R. § 42.100 *et seq.***

## PETITIONER'S EXHIBIT LIST

Exhibit	Description
Ex. 1101	U.S. Patent No. 6,895,449 (the “449 Patent”)
Ex. 1102	File History for U.S. Patent No. 6,895,449
Ex. 1103	Declaration of Kevin C. Almeroth
Ex. 1104	Curriculum vitae of Kevin C. Almeroth
Ex. 1105	U.S. Patent No. 5,508,821 to Murata
Ex. 1106	U.S. Patent No. 5,915,106 to Ard
Ex. 1107	U.S. Patent No. 5,850,484 to Beretta <i>et al.</i>
Ex. 1108	European Patent Office Publication Number 0 685 799 A1
Ex. 1109	IBM Corp., <i>Communication Method between Devices Through FDD Interface</i> 38 IBM Technical Disclosure Bulletin 245
Ex. 1110	Ray Duncan, <i>The MS-DOS Encyclopedia</i> (1988)
Ex. 1111	<i>In re Papst Licensing Dig. Camera Pat. Litig.</i> , 778 F.3d 1255, 1265 (Fed. Cir. 2015)
Ex. 1112	Papst's Opening Claim Constr. Brief and Appendix 8 of Papst's Opening Claim Constr. Brief, <i>Papst Licensing GmbH &amp; Co., KG v. Apple, Inc., et al.</i> , No. 6:15-cv-01095-RWS (E.D. Tex. Nov. 22, 2016)
Ex. 1113	Papst's Opening Claim Constr. Brief and Decl. of Robert Zeidman, <i>In re Papst Licensing Dig. Camera Pat. Litig.</i> , MDL No. 1880, No. 1:07-mc-00493 (D.D.C. June 3, 2016)
Ex. 1114	Am. Nat'l Standard Inst., Inc., <i>Am. Nat'l Standard for Info. Sys's, Small Computer System Interface-2</i> , ANSI X3.131-1994 (1994) (“SCSI Specification”)
Ex. 1115	US Patent No. 6,470,399

Exhibit	Description
Ex. 1116	Patent Cooperation Treaty Patent Application PCT/EP98/01187 (published as PCT Pub. No. WO98/39710)
Ex. 1117	As-Filed Filed German priority document Patent Application 197 08 755.8
Ex. 1118	File History for U.S. Patent No. 6,470,399
Ex. 1119	'399 German Application Publication (DE 197 08 755)
Ex. 1120	Certified Translation of Published '399 German Application (DE 197 08 755)
Ex. 1121	English Translation of PCT Application PCT/EP98/01187 (published as PCT Pub. No. WO98/39710)
Ex. 1122	U.S. Patent No. 4,589,063
Ex. 1123	U.S. Patent No. 5,038,320
Ex. 1124	U.S. Patent No. 5,787,246
Ex. 1125	Comparison of excerpts of File History for U.S. Patent Application No. 08/411,369 and U.S. Patent No. 5,850,484 to Beretta <i>et al.</i> (Ex. 1107)
Ex. 1126	File History for U.S. Patent Application No. 08/411,369
Ex. 1127	Vetterli & Nussbaumer, <i>Simple FFT and DCT Algorithms</i> , 6 <i>Signal Processing</i> 267-78 (1984)
Ex. 1128	Papst's Brief, <i>In re Papst Licensing Dig. Camera Pat. Litig.</i> , No. 2014-1110 (Fed. Cir. February 20, 2014)
Ex. 1129	Rufus P. Turner <i>et al.</i> , <i>The Illustrated Dictionary of Electronics</i> (1991)
Ex. 1130	Friedhelm Schmidt, <i>The SCSI Bus and IDE Interface</i> (1995)
Ex. 1131	Dave Williams, <i>The Programmer's Technical Reference: MS-DOS, IBM PC &amp; Compatibles</i> (1990)

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