

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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LG ELECTRONICS, INC.  
Petitioners

v.

UNILOC LUXEMBOURG, S.A.,  
Patent Owner

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*INTER PARTES* REVIEW OF U.S. PATENT NO. 6,216,158  
Case IPR No.: IPR2018-01503

**DECLARATION OF HENRY HOUH, PHD,  
UNDER 37 C.F.R. § 1.68**

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## **I. Introduction**

I, Henry Houh, Ph.D., declare:

1. I am making this declaration at the request of LG Electronics Inc. (“LG”) in the matter of the *Inter Partes* Review of U.S. Patent No. 6,216,158 (“the ’158 Patent”) to Luo, *et al.*
2. I am being compensated for my work in this matter. I am also being reimbursed for reasonable and customary expenses associated with my work and testimony in this matter. My compensation is not contingent on the outcome of this matter or the specifics of my testimony. I hold no direct interest in LG Electronics, Inc., LG Electronics U.S.A., or LG Electronics MobileComm USA, Inc., or the Patent Owner Uniloc Luxembourg S.A.
3. In the preparation of this declaration, I have studied:
  - (1) The ’158 Patent, Exhibit **EX-1001**;
  - (2) The Prosecution History of the ’158 Patent, Exhibit **EX-1002**;
  - (3) “Jini: Quick Study,” *COMPUTERWORLD*, Dec. 7, 1998, at 29 (“Jini-QS”), Exhibit **EX-1005**;
  - (4) U.S. Patent No. 6,393,497 (“Arnold”), Exhibit **EX-1006**;
  - (5) M. McCandless, “The PalmPilot and the Handheld Revolution,” *IEEE EXPERT* at 6-8 (Dec. 1997) (“McCandless”), Exhibit **EX-1007**;

- (6) U.S. Patent No. 6,131,111 (“Riggins”), Exhibit **EX-1008**;
- (7) U.S. Patent No. 6,757,729 (“Devarakonda”), Exhibit **EX-1009**;
- (8) J. Waldo, “Jini Architecture Overview,” SUN MICROSYSTEMS, INC. (1998) (“Waldo”) Exhibit **EX-1010**;
- (9) B. Venners, “Jini technology, out of the box,” JAVAWORLD (Dec. 1998) (“Venners”), Exhibit **EX-1011**;
- (10) “Why Jini Now?” SUN MICROSYSTEMS, INC. (Aug. 1998) (“Why Jini Now”), Exhibit **EX-1012**;
- (11) R. Guth, “More than just another pretty name: Sun’s Jini opens up a new world of distributed computer systems,” SUNWORLD (Aug. 1998) (“Guth”), Exhibit **EX-1013**;
- (12) M. Sheehan, “Thin Clients and Network-Centric Computing,” ONLINE (Dec. 1998) (“Sheehan”), Exhibit **EX-1014**;
- (13) J. Friedrichs, “Java Thin-Client Programming for a Network Computing Environment,” IBM REDBOOK (Jun. 1998) (“Redbook”), Exhibit **EX-1015**;
- (14) T. Hodes, “Composable Ad-hoc Mobile Services for Universal Interaction,” PROC. 3RD ACM/IEEE INTL. CONF. ON MOBILE COMPUTING AND NETWORKING (Aug. 2, 1997) (“Hodes”), Exhibit

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