

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MICROSOFT CORPORATION,

Petitioner,

v.

BRADIUM TECHNOLOGIES LLC,

Patent Owner.

PTAB Case No. IPR2017-01817

Patent No. 9,635,136 B2

**PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 9,635,136 B2**

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EXHIBIT LIST

- Ex.1001 U.S. Patent No. 9,635,136 B2 to Levanon et al. (“the 136 Patent”)
- Ex.1002 U.S. Patent No. 9,253,239 B2 to Levanon et al. (“the 239 Patent”)
- Ex.1003 U.S. Patent No. 5,956,036 B2 to Woods et al. (“Woods”)
- Ex.1004 Reddy *et al.*, “TerraVision II: Visualizing Massive Terrain Databases in VRML,” IEEE Computer Graphics and Applications March/April 1999, pp. 30-38 (“Reddy” with added paragraph numbers by Petitioner for ease of reference in the Petition)
- Ex.1005 Declaration of Prof. William R. Michalson (“Michalson Decl.”)
- Ex.1006 U.S. Patent No. 7,324,228 B2 to Chiarabini et al. (“Chiarabini”)
- Ex.1007 Printout of IEEE Explore citations to Reddy *et al.* (Ex.1004)
- Ex.1008 Printout of Google Scholar citations to Reddy *et al.* (Ex.1004)
- Ex.1009 Cover page and authenticating declaration of Reddy *et al.* (Ex.1004) from British Library
- Ex.1010 Cover page of Reddy *et al.* (Ex.1004) from Linda Hall Library
- Ex.1011 B. Fuller and I. Richer, The MAGIC Project: From Vision to Reality, IEEE Network May/June 1996, pp. 15-25
- Ex.1012 U.S. Patent No. 7,908,343 B2 to Levanon et al. (“the 343 Patent”)
- Ex.1013 U.S. Patent No. 8,924, 506 B2 to Levanon et al. (“the 506 Patent”)
- Ex.1014 Visualization System for SRI’s Digital Earth Proposal, dated April 16, 1999, *available at* <http://www.ai.sri.com/digitalearth/proposal/visualization-system.html>
- Ex.1015 Isaac Levanon Linkedin profile
- Ex. 1016 '136 File History
- Ex. 1017 *Not Used in This Proceeding*

- Ex.1018 Deposition Transcript of Peggy Agouris, dated January 13, 2017
- Ex.1019 Deposition Transcript of Isaac Levanon, dated January 18, 2017
- Ex.1020 Fujitsu Technical Reference Guide, Stylistic 2300 (1998)
- Ex.1021 Bradium Provisional Application No. 60/258465
- Ex.1022 The Universal Grid System, NGA Office of GEOINT Sciences, March 2007
- Ex.1023 Wolford, B., FXT1: 3dfx Texture Compression, Last Updated September 14, 1999, available at <http://web.archive.org/web/20000114134331/http://www.combatsim.com/htm/sept99/3dfx-tc1.htm>
- Ex.1024 U.S. Patent Publication No. 2008/0294332 A1 to Levanon et al.
- Ex.1025 U.S. Patent No. 7,561,156 B2 to Levanon et al.
- Ex.1026 May 10, 2017 letter from M. Zachary to M. Bernstein
- Ex.1027-1029 *Not Used in This Proceeding*
- Ex.1030 Barclay, T. et al., Microsoft TerraServer: A Spatial Data Warehouse, Microsoft Research, June 1999, Revised February 2000.
- Ex. 1031 Intel Microprocessor Quick Reference Guide - Product Family, available at <http://www.intel.com/pressroom/kits/quickreffam.htm>
- Ex. 1032 Barclay, T. et al., Microsoft TerraServer: A Spatial Data Warehouse, Microsoft Research, June 1999.
- Ex. 1033 Microsoft Terraserver Abstract, Cornell University Library, Submitted September 5, 1998.
- Ex. 1034 Barclay, T. et al., The Microsoft TerraServer, Microsoft Research, June 1998.
- Ex. 1035 Barclay, T. et al., Microsoft TerraServer: A Spatial Data Warehouse, ACM, 2000.

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