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. IPR2017-01818

Patent No. 9,641,645 B2

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,641,645 B2

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2. "Thereby Enabling Efficient Use of Network Bandwidth in conditions of network latency" in Claims 8, 20, and 32: 19

3. "Configure[d/s] … as a server to provide access to [THE] at least some image parcels [received by the wireless portable device]" in claims 7, 19, and 31: 20

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EXHIBIT LIST

Ex. 1001	U.S. Patent No. 9,641,645 B2 to Levanon et al. ("the '645 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	'645 Patent File History
Ex. 1017	*Not Used in This Proceeding*

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Ex. 1018 Deposition Transcript of Peggy Agouris, dated January 13, 2017

Ex. 1019 Deposition Transcript of Isaac Levanon, dated January 18, 2017

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Ex. 1024 U.S. Patent Publication No. 2008/0294332 A1 to Levanon et al.

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Ex. 1026 May 10, 2017 letter from M. Zachary to M. Bernstein

Ex. 1027-1029 *Not Used in This Proceeding*

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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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