| UNITED STATES PATENT AND TRADEMARK OFFICE |
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| BEFORE THE PATENT TRIAL AND APPEAL BOARD |
| UNIFIED PATENTS INC. Petitioner |
| v. |
| BRADIUM TECHNOLOGIES LLC Patent Owner |
| IPR2018-00952 U.S. Patent 9,253,239 |

PETITIONER'S UPDATED EXHIBIT LIST



Further to 37 C.F.R. § 42.63(e), Petitioner hereby submits a current listing of Unified's exhibits to counsel for Patent Owner. Exhibits 1031 was filed on PTAB E2E and served via email to counsel of record for the Patent Owner.

| Exhibit | Description |
|---------|--|
| 1001 | U.S. Patent 9,253,239 B2 to Levanon et al. ("the 239 Patent") |
| 1002 | U.S. Patent 8,924, 506 B2 to Levanon et al. ("the 506 Patent") |
| 1003 | PCT Publication WO 99/41675 to Cecil V. Hornbacker, III ("Hornbacker") |
| 1004 | Reddy et al., "TerraVision II: Visualizing Massive Terrain Databases in VRML," IEEE Computer Graphics and Applications March/April 1999, at 30-38 ("Reddy" with added paragraph numbers by Petitioner for ease of reference in the Petition) |
| 1005 | Declaration of Christopher Wilson ("Wilson Decl.") |
| 1006 | EP1070290 to Cecil V. Hornbacker, III |
| 1007 | Printout of IEEE Explore citations to Reddy et al. (Ex. 1004) |
| 1008 | Printout of Google Scholar citations to Reddy et al. (Ex. 1004) |
| 1009 | Cover page and authenticating declaration of Reddy <i>et al.</i> (Ex. 1004) from British Library |
| 1010 | Cover page of Reddy et al. (Ex. 1004) from Linda Hall Library |
| 1011 | First Amended Complaint, <i>Bradium Technologies</i> , <i>LLC v. Microsoft Corp.</i> , 15-cv-00031-RGA (filed March 14, 2016) |
| 1012 | U.S. Patent 7,908,343 ("the 343 Patent") |
| 1013 | File History, 239 Patent |
| 1014 | U.S. Patent 6,728,960 ("Loomans") |



| 1015 | Provisional App. 60/109,077 ("Loomans Provisional") |
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| 1016 | International Publication WO 98/15920 ("Austreng") |
| 1017 | Declaration of Sylvia Hall-Ellis ("Hall-Ellis Declaration") |
| 1018 | U.S. Patent 6,317,137 ("Rosasco") |
| 1019 | Provisional Applications of 239 Patent |
| 1020 | U.S. Patent 6,119,179 ("Whitridge") |
| 1021 | U.S. Patent 6,401,113 ("Lazaridis") |
| 1022 | Garland et al, <i>Implementing Distributed Server Groups for the World Wide Web</i> , Sch. of Comp. Sci., Carnegie Mellon U., CMU-CS-95-114. Jan. 25, 1995 |
| 1023 | Mac Addict Magazine, Issue 14 (Oct. 1997) |
| 1024 | Copy of Declaration of Professor William Michalson ("Michalson Decl.") from Microsoft v. Bradium, IPR2016-01897 |
| 1025 | Modified Protective Order |
| 1026 | Redline showing changes of modified Protective Order from the Board's default Protective Order |
| 1027 | Second Declaration of Christopher Wilson ("Second Wilson Decl.") |
| 1028 | U.S. Patent No. 6,496,189 ("Yaron") |
| 1029 | CCITT, Terminal Equipment and Protocols for Telematic Services: Information Technology – Digital Compression and Coding of Continuous-Tone Still Images – Requirements and Guidelines, Recommendation T.81 (09/92), https://www.w3.org/Graphics/JPEG/itu-t81.pdf |
| 1030 | Printout of W3C Interaction domain website for JPEG, https://www.w3.org/Graphics/JPEG/ |



| 1031 | Petitioner's Demonstratives (Not Evidence) |
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| 1051 | remoner's Demonstratives (Not Evidence) |

Respectfully Submitted,

Dated: September 13, 2019 /Roshan Suresh Masinghani/ Roshan Suresh Mansinghani

Reg. No. 62,429



CERTIFICATE OF SERVICE

I hereby certify that on September 13, 2019 a copy of the foregoing PETITIONER'S UPDATED EXHIBIT LIST and Exhibit 1031 were served via electronic mail, as agreed to by counsel, upon the following counsel for Patent Owner:

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