

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MICROSOFT CORPORATION,  
Petitioner

v.

BRADIUM TECHNOLOGIES LLC,  
Patent Owner

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CASE IPR2016-00449  
Patent 8,924,506 B2

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**PATENT OWNER BRADIUM TECHNOLOGIES LLC'S  
EXHIBIT LIST 5**

## Exhibit List

Pursuant to 37 C.F.R. §42.63(e), Patent Owner Bradium Technologies LLC

submits the following exhibit list.

Ex. 2001	Scheduling Conference Transcript, <i>Bradium Techs., LLC v. Microsoft Corp.</i> , Case No. 15-cv-031 (D. Del.) (Feb. 3, 2016)
Ex. 2002	Arjun S. Prasad, Accelerating SIFT Feature extraction with a vector DSP (Master Thesis, Eindhoven University of Technology), <i>available at</i> <a href="http://alexandria.tue.nl/extra1/afstversl/wsk-i/Prasad_2014.pdf">http://alexandria.tue.nl/extra1/afstversl/wsk-i/Prasad_2014.pdf</a>
Ex. 2003	Declaration of Dr. Peggy Agouris
Ex. 2004	Declaration of Isaac Levanon  PROTECTIVE ORDER MATERIAL
Ex. 2005	VRML Terrain Modeling for the Monterey Bay National Marine Sanctuary (MBNMS)
Ex. 2006	DAVID J. MAGUIRE ET AL., GEOGRAPHICAL INFORMATION SYSTEMS PRINCIPLES AND APPLICATIONS Vol. 1 (1991)
Ex. 2007	DAVID J. MAGUIRE ET AL., GEOGRAPHICAL INFORMATION SYSTEMS PRINCIPLES AND APPLICATIONS Vol. 2 (1991)
Ex. 2008	U.S. Patent No. 4,698,689 to Tzou
Ex. 2009	U.S. Patent No. 6,182,114 to Yap, et al. (Appendix J to Exhibit 1005)
Ex. 2010	Richard L. White & Jeffrey W. Percival, <i>Compression and Progressive Transmission of Astronomical Images</i> , SPIE Technical Conference, 2199 (1994)
Ex. 2011	U.S. Patent No. 4,222,076 to Knowlton

Ex. 2012	Microsoft Document PROTECTIVE ORDER MATERIAL, MSFT-BRAD-0044914 – 0044916
Ex. 2013	Microsoft Document PROTECTIVE ORDER MATERIAL, MSFT-BRAD-0044917 – 0044927
Ex. 2014	Microsoft 3DVU Document PROTECTIVE ORDER MATERIAL, dated June-August, 2005
Ex. 2015	Microsoft 3DVU Document PROTECTIVE ORDER MATERIAL, dated September, 2005
Ex. 2016	PricewaterhouseCoopers webpage, The Global Innovation 1000: Top 29 R&D Spenders 2005-2015, <i>available at</i> <a href="http://www.strategyand.pwc.com/global/home/what-we-hink/innovation1000/top-20-rd-spenders-2015">http://www.strategyand.pwc.com/global/home/what-we-hink/innovation1000/top-20-rd-spenders-2015</a>
Ex. 2017	Statista webpage, Microsoft's expenditure on research and development from 2002 to 2016 (in million U.S. dollars), <i>available at</i> <a href="https://www.statista.com/statistics/267806/expenditure-on-research-and-development-by-the-microsoft-corporation/">https://www.statista.com/statistics/267806/expenditure-on-research-and-development-by-the-microsoft-corporation/</a>
Ex. 2018	Frost & Sullivan webpage, Convergence in North America Automotive Industry, dated December 15, 2008, <i>available at</i> <a href="http://www.frost.com/srch/catalog-search.do?search_paths%5B%5D=&amp;sortBy=R&amp;searchType=sub&amp;queryText=3DVU&amp;rd_submit=Go">http://www.frost.com/srch/catalog-search.do?search_paths%5B%5D=&amp;sortBy=R&amp;searchType=sub&amp;queryText=3DVU&amp;rd_submit=Go</a>
Ex. 2019	Declaration of Inventors pursuant to 37 C.F.R. 1.131 with Exhibits, in U.S. Patent No. 7,139,794, dated December 27, 2005
Ex. 2020	Declaration of Inventors pursuant to 37 C.F.R. 1.131 with Exhibits, in U.S. Patent No. 7,139,794, dated June 13, 2006

Ex. 2021	Directions Magazine webpage, 3DVU Launches Navi2Go for BlackBerry, the First 3D Picture Navigation, in Anticipation of the Bold, dated July 11, 2008, <i>available at</i> <a href="http://www.directionsmag.com/pressreleases/3dvu-launches-navi2go-for-blackberry-the-first-3d-picture-navigation-in-ant/115362">http://www.directionsmag.com/pressreleases/3dvu-launches-navi2go-for-blackberry-the-first-3d-picture-navigation-in-ant/115362</a>
Ex. 2022	FlyOver Document PROTECTIVE ORDER MATERIAL, dated November 1, 2004
Ex. 2023	SIIRD Proposal, dated July 31, 2001, as attachment to the Letter of Intent from IMB Singapore Pte. Ltd.
Ex. 2024	SIIRD Mutual Nondisclosure Agreement (2002)
Ex. 2025	SIIRD Memorandum of Understanding (2002)
Ex. 2026	SIIRD Commercialization Report, dated March 23, 2006
Ex. 2027	KORIL-RDF Proposal, dated January 31, 2005
Ex. 2028	KORIL-RDF Cooperation and Project Funding Agreement
Ex. 2029	Denso Document PROTECTIVE ORDER MATERIAL, dated August 30, 2002
Ex. 2030	Silicom Ventures webpage, FlyOver Visual MAP™ Technology the first 3D aerial imagery Map to enriched Kenwood's new HDD car navigation system, dated October 6, 2002, <i>available at</i> <a href="http://www.silicomventures.com/newsletter_10_29_02/FlyOver.htm">http://www.silicomventures.com/newsletter_10_29_02/FlyOver.htm</a>
Ex. 2031	Printout of YouTube webpage, 3DVU Image Navigation fuels Kenwood Systems in Japan, dated August 22, 2006, <i>available at</i> <a href="https://www.youtube.com/watch?v=3btUNuCYM6M">https://www.youtube.com/watch?v=3btUNuCYM6M</a>

Ex. 2032	PRweb webpage, FlyOver 2nd generation Visual MAPÂ™ Technology fuel Kenwood new Theater Navi - with 3D aerial imagery map, dated February 11, 2004, <i>available at</i> <a href="http://www.prweb.com/releases/2004/02/prweb103763.htm">http://www.prweb.com/releases/2004/02/prweb103763.htm</a>
Ex. 2033	MapQuest Non-Disclosure Agreement, dated July 15, 2005
Ex. 2034	3DVU Document PROTECTIVE ORDER MATERIAL, dated September 13, 2005
Ex. 2035	C.E. Unterberg, Towbin, Keyhole Deal Value Analysis, dated October 28, 2005
Ex. 2036	C.E. Unterberg, Towbin, Valuation Summary Regarding 3DVU, dated September 26, 2005
Ex. 2037	Daewoo Precision Industries Co., Ltd. License and Service Agreement, dated August 29, 2005
Ex. 2038	GIS Development: Asia Pacific: The Monthly Magazine on Geographic Information Science, Vol. 10, Issue 6, page 9 – Daewoo introduces 3DVU’s Visual Map Navigation Technology (June, 2006), <i>available at</i> <a href="https://www.geospatialworld.net/wp-content/uploads/magazine/925d04_apJune2006.pdf">https://www.geospatialworld.net/wp-content/uploads/magazine/925d04_apJune2006.pdf</a>
Ex. 2039	The Auto Channel webpage, Daewoo to Showcase 3DVU’s Visual Map Navigation Technology at the Busan International Motor Show, Korea, dated April 30, 2006, <i>available at</i> <a href="http://www.theautochannel.com/news/2006/04/30/005219.html">http://www.theautochannel.com/news/2006/04/30/005219.html</a>
Ex. 2040	Not used
Ex. 2041	Navi2Go brochure
Ex. 2042	Printout of YouTube webpage, Navi2Go in Action, dated July 27, 2007, <i>available at</i> <a href="https://www.youtube.com/watch?v=rTGnseIwJbM">https://www.youtube.com/watch?v=rTGnseIwJbM</a>
Ex. 2043	Transcript of August 5, 2016 Deposition of Dr. William Michalson

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