UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Canon Inc., Canon U.S.A., Inc., and Axis Communications AB,

Petitioners,

v.

Avigilon Fortress Corporation,

Patent Owner.

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Case No. IPR2019-00314
U.S. Patent No. 7,932,923

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PATENT OWNER'S UPDATED EXHIBIT LIST

PATENT OWNER'S EXHIBIT LIST

Exhibit No.	Description
2001	Declaration of Michael W. De Vries in Support of Unopposed Motion to Appear Pro Hac Vice on Behalf of Patent Owner Avigilon Fortress Corporation.
2002	Declaration of Adam R. Alper in Support of Unopposed Motion to Appear Pro Hac Vice on Behalf of Patent Owner Avigilon Fortress Corporation.
2003	Declaration of Akshay S. Deoras s in Support of Unopposed Motion to Appear Pro Hac Vice on Behalf of Patent Owner Avigilon Fortress Corporation.
2004	37 C.F.R. § 1.132 Declaration of Kenneth A. Zeger (excerpt of U.S. Patent No. 7,868,912 Reexamination).
2005	Thomas Olson & Frank Brill, *Moving Object Detection & Event Recognition Algorithms for Smart Cameras*, 1 PROC. 1997 IMAGE UNDERSTANDING WORKSHOP 159-175 (1997).
2006	Jonathan D. Courtney, *Automatic Video Indexing Via Object Motion Analysis*, 30(4) PATTERN RECOGNITION 607-625 (1997).
2007	U.S. Patent No. 6,628,835 to Brill et al.
2008	Young Francis Day, et al, *Spatio-Temporal Modeling of Video Data for On-Line Object-Oriented Query Processing*, Proceedings of the International Conference on Multimedia Computing and Systems, 98-105 (1995).
2009	Forouzan Golshani & Nevenka Dimitrova, *A Language for Content-Based Video Retrieval*, 6 MULTIMEDIA TOOLS AND APPLICATIONS, 289-312 (1998).
2010	IPR2018-00138; IPR2018-00140, Ex. 2009 (Grindon Dep. Transcript Aug. 15, 2018).

Exhibit No.	Description
2011	Declaration of Jennifer A. Babbitt.
2012	SearchWorks Catalog Entry for Thomas Olson & Frank Brill, *Moving Object Detection & Event Recognition Algorithms for Smart Cameras*, 1 PROC. 1997 IMAGE UNDERSTANDING WORKSHOP 159-175 (1997).
2013	Scanned Cover and Front Matter of Jonathan D. Courtney, *Automatic Video Indexing Via Object Motion Analysis*, 30(4) PATTERN RECOGNITION 607-625 (1997).
2014	MARC Standards Wikipedia Search.
2015	Declaration of Jennifer A. Babbitt.
2016	LinkedIn Profile of Marilyn McSweeney.
2017	Declaration of Jennifer A. Babbitt in Support of Patent Owner's Opposition to Petitioner's Motion for Authorization to Compel Testimony and/or Documents.
2018	Deposition Transcript of John Grindon, D.Sc. dated October 2, 2019.
2019	Declaration of Dr. Alan Bovik in Support of Patent Owner's Responses to *Inter Partes* Review of U.S. Patent No. 7,932,923.
2020	Dr. Alan Bovik Curriculum Vitae.
2021	David G. Lowe, *Distinctive Image Feature From Scale-Invariant Keypoints,* 60(2) INTERNATIONAL JOURNAL OF COMPUTER VISION 91-110 (2004).
2022	Herbert Bay, *et al., Speeded-Up Robust Features (SURF),* 110 COMPUTER VISION AND IMAGE UNDERSTANDING 346-359 (2008).
2023	Declaration of Jennifer A. Babbitt in Support of Patent Owner's Response.

Exhibit No.	Description
2024	Patent Owner's Demonstrative Exhibits.

Date: April 3, 2020   Respectfully submitted,

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