1 UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD 2 3 CANON, INC., CANON) U.S.A., INC., and) 4 AXIS) Case No. PIR2019-00314 COMMUNICATIONS AB,) 5 U.S. Patent No. 7,932,923) Petitioners,) 6) vs.) 7 Case No. IPR2019-00311)) U.S. Patent No. 7,932,923 AVIGILON FORTRESS 8 CORPORATION,) Patent Owner. 9) 10 The videotaped deposition of ALAN BOVIK, Ph.D., called for examination, 11 12 taken pursuant to notice and pursuant to the 13 Federal Rules of Civil Procedure for the 14 United States District Courts pertaining to 15 the taking of depositions, taken before Angela C. Loisi, Certified Shorthand 16 17 Reporter, Registered Professional Reporter, Federal Certified Realtime Reporter, at 300 18 19 North LaSalle Street, 6th Floor, Chicago, 20 Illinois, commencing at 9:33 a.m. on 21 December 13, 2019. 2.2 (Proceedings ended at 3:48 p.m.) 23 Reporter: Angela C. Loisi, CSR, RPR, FCRR License No.: 084-00457 2.4

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1	(Witness sworn.)
2	THE VIDEOGRAPHER: Good morning. We
3	are going on the video record at 9:33 a.m. on
4	December 13, 2019.
5	Please note that the microphones are
6	sensitive and may pick up whispering, private
7	conversation and cellular interference.
8	Please turn off all cell phones or
9	place them away from the microphones as they
10	can interfere with the deposition audio.
11	Audio and video recording will continue to
12	take place unless all parties agree to go off
13	record.
14	This is media unit 1 of the
15	videorecorded deposition of
16	Dr. Alan Bovik, Ph.D., taken by the counsel
17	for the plaintiff; right?
18	Am I right?
19	MR. MARTINELLI: Petitioner.
20	THE VIDEOGRAPHER: Ah, petitioner,
21	thank you.
22	In the matter of Canon, Inc., and
23	Canon U.S.A, Inc., and Axis Communications AB
24	versus Avigilon Fortress Corporation filed in
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