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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

-----Х SLING TV, L.L.C., SLING MEDIA,: L.L.C., DISH NETWORK L.L.C., : DISH TECHNOLOGIES L.L.C., Petitioners, Case No. : IPR2018-01331 : vs. : Patent ٠ REALTIME ADAPTIVE 8,867,610 : STREAMING LLC, Patent Owner. : -----X

Deposition of SCOTT T. ACTON, Ph.D.

Washington, D.C.

Friday, May 10, 2019 - 2:15 p.m.

Reported by:

Dawn A. Jaques

Job no: 25232

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1	Examination of:
2	SCOTT T. ACTON, Ph.D.,
3	the witness, was called for cross-examination by
4	counsel for the Patent Owner, pursuant to notice,
5	commencing at 2:15 p.m., at the law offices of
6	Fish & Richardson PC, 1000 Main Avenue, Southwest,
7	Washington, D.C., before Dawn A. Jaques, CSR, CLR,
8	and Notary Public in and for the District of
9	Columbia.
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1 **APPEARANCES:** 2 On behalf of the Petitioner: 3 ADAM R. SHARTZER, ESQ. 4 MATTHEW P. MOSTELLER, ESQ. 5 Fish & Richardson PC 6 1000 Maine Avenue, SW Suite 1000 7 8 Washington, D.C. 20024 9 (202) 626-6380 10 (202) 626-7751 11 shartzer@fr.com 12 mosteller@fr.com 13 14 On behalf of the Patent Owner: 15 PHILIP X. WANG, ESQ. Russ August & Kabat 16 12424 Wilshire Boulevard 17 18 12th Floor 19 Los Angeles, California 90025 20 (310) 826-7474 21 pwang@raklaw.com 22

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Page 4 1 I-N-D-E-X 2 WITNESS: PAGE: 3 SCOTT T. ACTON, Ph.D. 4 Examination by Mr. Wang 5 5 Examination by Mr. Shartzer 93 6 7 E-X-H-I-B-I-T-S 8 ACTON EXHIBIT: PAGE: 9 Exhibit 1 Compilation of the Declaration of Professor Acton, and the 10 11 Fallon ('535), Dvir ('001), and 12 Ishii ('789) references 6 13 14 Exhibit 2 Expert Declaration of 15 Dr. Alan Bovik 48 16 17 18 19 20 21 22

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Page 5 1 PROCEEDINGS 2 Whereupon, 3 SCOTT T. ACTON, Ph.D. 4 was called as a witness, after having been first duly sworn by the Notary Public, was 5 examined and testified as follows: 6 7 EXAMINATION BY COUNSEL FOR THE PATENT OWNER 8 BY MR. WANG: Good afternoon, Dr. Acton. So my name 02:15:49 9 0 02:15:51 10 is Philip Wang. I'm with the law firm 11 Russ August & Kabat, and this is your deposition 02:15:54 12 in the IPR No. 2018-01331, on U.S. patent 02:15:57 13 number 8,867,610. The petitioners are Sling and 02:16:04 14 Dish, and the Patent Owner is Realtime Adaptive 02:16:11 15 Streaming. Good afternoon. 02:16:15 02:16:17 16 Α Good afternoon. 17 So this is the afternoon session. We 02:16:18Ο 18 had your deposition in the '535 patent earlier 02:16:20 19 this afternoon -- I mean earlier today. 02:16:24 20 We don't need to go back through the 02:16:28 21 ground rules, but you're well familiar with the 02:16:31 2.2 02:16:33 rules for a deposition as we discussed this

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