1 UNITED STATES PATENT AND TRADEMARK OFFICE 2 BEFORE THE PATENT TRIAL AND APPEAL BOARD 3 4 CISCO SYSTEMS, INC., 5 Petitioner, vs. 6 CAPELLA PHOTONICS, INC., 7 Patent Owner. 8 9 Case IPR2014-01166 10 11 Patent RE42,368 12 13 Case IPR2014-01276 14 Patent RE42,678 15 JUNE 30, 2015 16 17 9:02 A.M. 18 WASHINGTON, D.C. VIDEOTAPED DEPOSITION of ALEXANDER V. 19 20 SERGIENKO, Ph.D., the witness in the above-entitled 21 action, held at the offices of Sterne, Kessler, 22 Goldstein, Fox, 1100 New York Avenue, Northwest, Washington, D.C., taken before Michele E. Eddy, a 23 24 Certified Realtime Reporter and Notary Public of the 25 District of Columbia.

FNC 1041

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EXAMINATION INDEX 1 2 PAGE 9 3 EXAMINATION BY MR. LEARY 4 5 6 7 EXHIBITS 8 (Attached to the Transcript) CAPELLA EXHIBIT 9 PAGE 10 Exhibit 1 Declaration of Dr. Alexander V. 21 11 Sergienko in Support of the 12 Patent Owner Response; 13 Capella Exhibit 2004 14 Exhibit 2 Update - 2001 titled "Switching 24 15 The Lightwave"; Cisco Exhibit 16 1056 17 Exhibit 3 Document titled "Components for 225 R-OADMS - 2005" dated March 18 19 2005; Cisco Exhibit 1055 20 Exhibit 4 Annual Report 2010-2011 -262 21 Boston University College of 22 Engineering; Cisco Exhibit 1050 2.3 24 25

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EXHIBIT INDEX CONTINUED (PREVIOUSLY MARKED AND REFERRED TO) CISCO SYSTEMS, INC. EXHIBIT PAGE Exhibit 1001 Patent Number US RE42,368 E (Chen) 7 Exhibit 1001 Patent Number US RE42,678 E (Wilde) Exhibit 1003 Patent Number US 6,498,872 B2 (Bouevitch) Exhibit 1004 Patent Number 6,798,941 B2 (Smith, et al) 13 Exhibit 1006 Patent Number US 6,798,992 B1 (Bishop, et al) 15 Exhibit 1008 Provisional Application for Patent Cover Sheet dated 3-17-01 17 Exhibit 1010 US Patent Number 5,661,591 (Lin, et al.)

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