

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CODE200, UAB; TESO LT, UAB; METACLUSTER LT, UAB;
OXYSALES, UAB; AND CORETECH LT, UAB,

Petitioners

v.

BRIGHT DATA LTD.,

Patent Owner

Case IPR2022-00861

Patent No. 10,257,319

DECLARATION OF DR. TIM A. WILLIAMS

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

I, Dr. Tim Williams, declare as follows:

1. My full name is Tim Arthur Williams.
2. I am an industry professional with over 45 years of experience in wireless communications, computer networking and telecommunications technology. A copy of my CV is attached as Exhibit A.
3. I am currently active currently active as Chief Executive Officer at Beach Technologies, LLC (Danville, CA) a company related to intellectual property consulting.
4. I am also currently active as a Member at Calumet Venture Management (Madison, WI) a company related to the investment into start-up companies.
5. Beginning in 2004, I was the Founder and Chairman at DoceoTech Inc. (Danville, CA) which provides training for engineers in wireless, computer networking, and telephony technologies.
6. From 2008 to 2010, I was Founder and Board Member of BitRail Networks, Inc (Miami, FL). This company designed and produced computer networking equipment. One market the company served was edge devices for residential and community access.
7. From 2006 to 2015, I was Founder and Board Member of BEEcube, Inc. (Freemont, CA). This company built high speed computing and computer

networking equipment. One market the company served was networking equipment for backhaul networks used in 5G cellular networks.

8. From 2004 to 2008, I was Founder and CEO of SiBEAM, Inc. This company designed and produced wireless networking IC and equipment.

9. From 1999 to 2000, I was Interim CEO and Advisory Board Member of Atheros Communications, Inc. (Palo Alto, CA) . This company designed and produced wireless networking IC and equipment.

10. From 1998 to 2000, I was CTO of Picazo Communications, Inc. (San Jose, CA). This company built computer networking equipment to provide VoIP PBX functionality.

11. From 1991 to 1998, I was Co-Founder, CTO, VP Engineering of Wireless Access, Inc. (Santa Clara, CA). This company developed over the air communication protocols for communication between the subscriber device and the network.

12. From 1979 to 1991, I was a Member of the Technical Staff at Motorola, Inc. (Schaumburg, IL and Austin, TX). In IL, I designed protocols for Digital voice communications. In TX, I designed ICs for communications including Telecom, Wireless, Cellular and Computer Networking.

13. I have been engaged in over 200 patent related litigations since 1999. Many of these cases relate to computer networking technologies, including protocols for Internet communications and the architecture of computer networks.

14. I hold degrees from Michigan Technological University (B.S.E.E., 1976) and the University of Texas at Austin (M.S.E.E., 1982 and Ph.D., Electrical Engineering, 1985 and M.B.A., 1991).

15. I am the principal inventor on 28 U.S. Patents all of which relate to communications technologies.

16. I have been a Registered Patent Agent since 2002.

17. If called upon to do so, I could and would testify truthfully as follows:

18. Based on my experience in the art and my study of the Internet communication systems disclosed in the Challenged Patents (U.S. Patents Nos. 10,257,319 (“the ’319 Patent”) and 10,484,510 (“the ’510 Patent”), collectively “Challenged Patents”), which share the same inventors of Derry Shribman and Ofer Vilenski and a common specification), in my opinion a person of ordinary skill in the art (a “POSA” hereafter) would be an individual who, as of October 8, 2009, the filing date of the shared provisional application, had a Master’s Degree or higher in the field of Electrical Engineering, Computer Engineering, or Computer Science or as of that time had a Bachelor’s Degree in the same fields and two or more years of experience in Internet communications.

19. I understand that the Board instituted inter partes review of the Challenged Patents in IPR2021-01492 and IPR2021-01493, respectively. In the Institution Decisions, the Board applied the definition of a POSA proposed by Petitioner NetNut Ltd. as having “at least a bachelor’s degree in Computer Science or related field (or equivalent experience), and two or more years’ experience working with and programming networked computer systems” and having familiarity with “the underlying principles of Web, Internet, or network communication, data transfer, and content sharing across networks, including the HTTP and TCP/IP protocols” as of October 8, 2009. EX. 2001 at 17-18; EX. 2002 at 17-18. In my opinion, and the Board agreed (*see* EX. 2001 at 18; EX. 2002 at 18), that the proposed qualifications between my POSA definition and the Board’s POSA definition applied in the Institution Decisions is not materially different, at least in terms of affecting an institution decision in IPR2022-00861, IPR2022-00862, IPR2022-00915, and IPR2022-00916. My analysis herein does not change under either POSA definition.

20. I have reviewed each of the Challenged Patents, the file history for each of the Challenged Patents, and the file histories for related patents (EX. 2006 and EX. 2008). I have also reviewed the Petitions and exhibits thereto, the Patent Owner Preliminary Responses and exhibits thereto, and the Institution Decisions in IPR2021-01492 and IPR2021-01493 (the “NetNut IPRs” hereafter). I understand

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