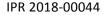
UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
UNIFIED PATENTS INC. Petitioner
V.
VILOX TECHNOLOGIES LLC. Patent Owner
Case IPR2018-00044
Patent No. 7,302,423

DECLARATION OF WESLEY W. CHU, PH.D. July 9, 2018



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Declaration of Wesley W. Chu, Ph.D.

I. INTRODUCTION

- 1. I have prepared this Declaration at the request of Vilox Technologies, LLC stating my opinions as an independent expert regarding issues raised in the matter of Petition IPR2018-00044 ("Petition") and the April 19, 2018 Decision on Institution of *Inter Partes* Review ("Decision").
- **2.** I am being compensated for this work, and my compensation is not dependent on the outcome of this matter.
- 3. In preparation for this Declaration, I studied Exhibits 1001 1010 provided by Petitioner as well as the Petition. I also studied the Decision; Exhibit 2003, Declaration of Dr. Joseph L. De Bellis; Exhibit 2014, *Excel III* (excerpt tof Excel 2000 Bible); Exhibit 2015, Deposition Transcript of Dr. Philip Greenspun; and Exhibits 2019 (Webster's New Collegiate Dictionary), 2018 (IEEE Dictionary of Electrical and Electronics Terms), and Exhibit 2020, (Microsoft Press Computer Dictionary).
- **4.** In preparing this Declaration, I relied, in addition to the above Papers and other documents, on my knowledge and experience gained through 56 years as an engineer, professor, and consultant.

II. QUALIFICATIONS AND PROFESSIONAL EXPERIENCE

- **5.** My Curriculum Vitae is provided as Exhibit 2002. Following is a summary of my education and relevant experience.
- **6.** I am Emeritus Distinguished Professor at the University of California, Los Angeles. I received a Bachelor of Science degree in electrical engineering from the University of Michigan in 1960 and a Master of Science degree in electrical engineering

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from the University of Michigan in 1961. I received a Ph.D. in electrical engineering from Stanford University in 1966.

- 7. From 1961 to 1962, I worked at General Electric (now Honeywell) in Phoenix, Arizona with a focus on electrical switching circuits for computers. From 1964 to 1966, I worked on the design of large-scale computers at IBM in San Jose, California. From 1966 to 1969, I worked at Bell Laboratories in Holmdel, New Jersey with a focus on computer communications and distributed databases.
- **8.** I joined the faculty of the of California, Los Angles in 1969 in the Computer Science Department. I served as Department Chair from 1988 to 1991, as Distinguished Professor since 1998, and as Emeritus Distinguished Professor since 2009.
- **9.** From 1982 to 2005, I worked as a consultant for several large computer companies:
 - 1982 1984, Western Union Corporation, Upper Saddle River, New Jersey,
 Executive Consultant to VP Engineering and Member of the Technical Review
 Board with duties that included:
 - Evaluating and planning for the Western Union Packet Switched Network,
 Easylink, and other value-added services.
 - Developing transition plans for network modernization, integration with existing networks and for future network growth.
 - Critiquing on going and proposed enhancement plans and compare with other viable alternatives for effectiveness.

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