UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD

GUEST TEK INTERACTIVE ENTERTAINMENT LTD.,

Petitioner,

v.

NOMADIX, INC.,

Patent Owner.

U.S. Patent No. 8,606,917 to Short *et al.* Issued: December 10, 2013
Filed: October 24, 2012

Title: SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM

IPR2019-01191

Declaration of Dr. Peter Dordal

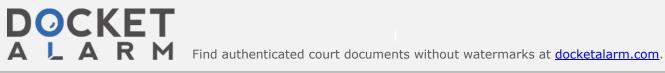


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	C.	U.S. Patent No. 6,463,474 ("Fuh")	
	D.	John Wack et al., Keeping Your Site Comfortably Secure: An Introduction to Internet Firewalls, NIST Special Publication 800-10 (Dec. 1994) ("NIST")	
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I. <u>INTRODUCTION</u>

1. My name is Dr. Peter Dordal, and I have been retained as a technical expert by counsel for Petitioner Guest-Tek Interactive Entertainment Ltd. to provide assistance in the above captioned *inter partes* review proceeding. Specifically, I have been asked by counsel to opine on the validity of claims 1 and 11 of U.S. Patent No. 8,606,917 ("the '917 patent"). This report contains a statement of my opinions formed in this matter and provides the bases and reasons for those opinions. I make the following statements based on my own personal knowledge and, if called as a witness, I could and would testify to the following.

II. QUALIFICATIONS AND PROFESSIONAL EXPERIENCE

- 2. I have included as Attachment A a copy of my current *curriculum vitae*, which provides an overview of my qualifications and professional experience in relation to this matter. To summarize, I received my undergraduate and masters' degrees in Mathematics in 1978 from the University of Chicago, and my Ph.D. in Mathematics from Harvard University in 1982.
- 3. Since receiving my doctorate degree in 1982, I have been employed as a faculty member at Loyola University Chicago, first in the Mathematical Sciences Department and then, starting in 2001, in the newly formed Computer Science Department. I received tenure in 1988, and was at that time promoted to Associate Professor, my current rank. For the past 36 years, I have focused on teaching



Programming Courses to undergraduate and graduate students, including Programming Languages, Computer Networks, and Advanced TCP/IP Networks. During part of my tenure, I was Acting Chair and Graduate Program Director for the Computer Science Department. I am also currently supervising a student thesis called *Software-defined Networking and Dynamic Traffic Rerouting*.

- 4. From 1984-2003, I was the System Administrator for departmental computing facilities at Loyola University. As System Administrator, my responsibilities included managing University computers and network services, supporting University workstations, and maintaining University computer labs. Sometimes this work entailed significant software development; for example, I implemented a TCP/IP layer for the University that allowed communication between computers supporting only the 3BNET networking software and a server supporting TCP/IP. My other exemplary experiences in system management and programming through the University are set forth in Attachment A.
- 5. Since 1982, I have also spent a significant amount of time, as part of my everyday course preparation and teaching, conducting research on, as well as performing and demonstrating, computer programing and network device management and support.
- 6. In addition to my professional experience, I have published a substantial number of books and articles on computer programming networks. For



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