## UNITED STATES PATENT AND TRADEMARK OFFICE

### BEFORE THE PATENT TRIAL AND APPEAL BOARD

Palo Alto Networks, Inc.
Petitioner

v.

Finjan, Inc.
Patent Owner

Patent No. 8,141,154 Issue Date: Mar. 20, 2012

Title: System and Method for Inspecting Dynamically Generated Executable Code

Inter Partes Review No. IPR2016-00151

## DECLARATION OF DR. AVIEL D. RUBIN IN SUPPORT OF PETITION FOR INTER PARTES REVIEW

UNDER 35 U.S.C. §§ 311-319 AND 37 C.F.R. § 42.100 et seq.



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## **Exhibit List for Declaration of Dr. Aviel Rubin**

Exhibit Description	Exhibit
Dr. Aviel D. Rubin Curriculum Vitae	A
Fred Cohen, <i>Computer Viruses Theory and Experiments</i> , Elsevier Science Publishers, North-Holland, Computers & Security 6, at 22-35 (1987); Ex. C, David M. Chess and Steve R. White, An Undetectable Computer Virus, IBM Thomas J. Watson Research Center (2000)	В
David M. Chess and Steve R. White, <i>An Undetectable Computer Virus</i> , IBM Thomas J. Watson Research Center (2000)	С
Fridrik Skulason, <i>Developing a Virus Scanner</i> , Virus Bulletin at 7-9 (March 1991)	D
David M. Chess, <i>Tools and Techniques</i> , Virus Bulletin (November 1991)	Е
Living Together – Without False Alarms!, Virus Bulletin at 19 (November 1991); Ex. G, James Beckett, Maltese Amoeba Poetic Justice, Virus Bulletin at 15-16 (December 1991)	F
James Beckett, <i>Maltese Amoeba Poetic Justice</i> , Virus Bulletin at 15-16 (December 1991)	G
The Shape Shifters, Virus Bulletinat 13-15 (November 1993)	Н
Dmitry Gryaznov, <i>Scanners of the Year 2000: Heuristics</i> , Proceedings of the Fifth Int'l Virus Bulletin Conference at 225, 228-30, and 233-34 (Sept. 1999.)	I
Sarah Gordon, <i>What a (Winword.)</i> Concept, Virus Bulletin at 8-9 (Sept. 1995)	J
How Does An IBM PC Virus Infect A Computer, Virus Bulletin at 11-12 (Apr. 1990)	K
Eric Chien, Malware Do You Want To Go Today? Part 2, Virus	L



Bulletin at 10-11 (Feb. 2000)	
Aviel D. Rubin and Daniel E. Greer, <i>Mobile Code Security</i> at 1 (1998)	M



1. I, Aviel D. Rubin, Ph.D., submit the following declaration (the "Declaration") in connection with the proceeding identified above.

### I. INTRODUCTION

- 2. I have been retained by counsel for Palo Alto Networks, Inc., ("Palo Alto Networks") as a technical expert in connection with the proceeding identified above. I submit this Declaration in support of Petitioner Palo Alto Networks' Petition for *Inter Partes* Review ("Petition") of United States Patent No. 8,141,154 ("the '154 patent") (Exhibit 1001) against Patent Owner Finjan, Inc. ("Finjan"). All "Ex. 10\_\_" cites herein are to the Exhibits to the Petition. All "Ex. \_" cites with letters A through M herein are to Exhibits to this Declaration.
- 3. I understand that Finjan has filed a patent infringement lawsuit in the U.S. District Court for the Northern District of California alleging infringement by Palo Alto Networks of claims the '154 patent. *Finjan*, *Inc.* v. *Palo Alto Networks*, *Inc.*, Civil Action No. 2:14-cv-01526-CB (W.D. Pa.).
- 4. For the purposes of this Declaration, I will address certain claims of the '154 patent. Inclusion of a claim in my analysis is not an indication that I believe it could reasonably be asserted against Palo Alto Networks.



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