

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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CAVIUM, INC.  
Petitioner

v.

ALACRITECH, INC.  
Patent Owner

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Case IPR. No. **Unassigned**  
U.S. Patent No. 7,337,241  
Title: FAST-PATH APPARATUS FOR RECEIVING DATA CORRESPONDING  
TO A TCP CONNECTION

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**Declaration of Robert Horst, Ph.D. in Support of  
Petition for *Inter Partes* Review  
of U.S. Patent No. 7,337,241**

**TABLE OF CONTENTS**

	<b>Page(s)</b>
I. INTRODUCTION AND QUALIFICATIONS .....	1
II. MATERIALS RELIED ON IN FORMING MY OPINION.....	3
III. UNDERSTANDING OF THE GOVERNING LAW .....	4
A. Invalidity by Anticipation .....	4
B. Invalidity by Obviousness .....	5
IV. LEVEL OF ORDINARY SKILL IN THE ART .....	7
V. STATE OF THE ART AND OVERVIEW OF TECHNOLOGY AT ISSUE.....	8
A. Layered Network Protocols.....	8
1. OSI Layers .....	9
2. TCP/IP Layers.....	9
B. TCP/IP .....	11
1. Encapsulation .....	12
2. Ethernet Header.....	14
3. IP Header.....	16
4. TCP Header.....	17
5. Application Data .....	22
6. RFC 793 – TCP Specification.....	22
7. Sockets .....	22
8. Prepending Headers .....	25
9. Advertising a Receive Window .....	27
10. Segmentation.....	28
C. Protocol Offload and Fast-Path Processing.....	30
1. RFC 647 – Front-Ending.....	30
2. RFC 929 – Outboard Processing.....	31
3. Mediation Levels.....	33
D. Offloaded Protocols.....	35

1.	OSI Protocol Offload .....	36
2.	TCP/IP Protocol Offload.....	36
3.	VMTP and XTP Protocol Offload .....	36
4.	Multi-Protocol Offload .....	36
E.	Portions of the Protocol Offloaded.....	37
1.	Checksum Offload .....	37
2.	Full Offload.....	38
3.	Multi-Level Offload .....	39
4.	Header Prediction.....	39
F.	Offload Implementation .....	42
1.	Offload Adapters based on Microprocessors .....	43
2.	Offload Adapters based on Custom Processors or Custom Logic .....	45
G.	Protocol Offload Summary .....	48
H.	Additional Background Technology .....	48
1.	DMA .....	49
2.	Virtual and Physical Memory Addresses.....	51
3.	Sequencers .....	53
VI.	OVERVIEW OF 241 PATENT .....	54
VII.	241 PATENT PROSECUTION HISTORY .....	57
VIII.	CLAIM CONSTRUCTIONS .....	58
A.	Legal Standard.....	58
B.	“[first/second] mechanism” .....	58
C.	“without an interrupt dividing” .....	61
IX.	THE PRIOR ART.....	62
A.	U.S. Patent No. 5,768,618 (“Erickson”) .....	62
B.	Tanenbaum96: A. Tanenbaum, Computer Networks, 3rd ed. (1996) .....	75

..

C.	“Gigabit Ethernet Technical Brief: Achieving End-to-End Performance” by Alteon Networks (Ex. 1033, “Alteon”) .....	86
X.	Obviousness Combinations – Motivations To Combine.....	88
A.	Motivations To Combine Erickson and Tanenbaum96.....	88
B.	Motivations to Combine Erickson, Tanenbaum96, and Alteon .....	92
XI.	FOUNDATIONS OF INVALIDITY .....	94

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I, Robert Horst, hereby declare as follows:

## I. INTRODUCTION AND QUALIFICATIONS

1. My name is Robert Horst. I have been retained on behalf of Petitioner Cavium, Inc. (“Cavium” ) to provide this Declaration concerning technical subject matter relevant to the petition for *inter partes* review (“Petition”) concerning U.S. Patent No. 7,337,241 (Ex.1001, the “241 Patent”). I reserve the right to supplement this Declaration in response to additional evidence that may come to light.

2. I am over 18 years of age. I have personal knowledge of the facts stated in this Declaration and could testify competently to them if asked to do so.

3. My compensation is not based on the resolution of this matter. My findings are based on my education, experience, and background in the fields discussed below.

4. I am an independent consultant with more than 30 years of expertise in the design and architecture of computer systems. My current curriculum vitae is submitted as Exhibit 1004 and some highlights follow.

5. Currently, I am an independent consultant at HT Consulting where my work includes consulting on technology and intellectual property. I have testified as an expert witness and consultant in patent and intellectual property litigation as well as *inter partes* reviews and re-examination proceedings.

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