Paper No. 4

#### UNITED STATES PATENT AND TRADEMARK OFFICE

\_\_\_\_\_

#### BEFORE THE PATENT TRIAL AND APPEAL BOARD

\_\_\_\_\_

# RPX CORPORATION. Petitioner,

V.

# VIRNETX, INC. AND SCIENCE APPLICATION INTERNATIONAL CORPORATION, Patent Owner

Patent No. 7,418,504 Issued: August 26, 2008 Filed: November 18, 2003 Inventors: Victor Larson, *et al.* 

Title: AGILE NETWORK PROTOCOL FOR SECURE COMMUNICATIONS USING SECURE DOMAIN NAMES

\_\_\_\_\_

Inter Partes Review No. IPR2014-00176

CORRECTED PETITION FOR INTER PARTES REVIEW

RPX Corporation v. Virnet V. Inc. et al.



#### TABLE OF CONTENTS

I.	COMPLIANCE WITH REQUIREMENTS FOR A PETITION FOR INTER PARTES REVIEW1					
	A.	Certification the '504 Patent May Be Contested by Petitioner 1				
	В.	Fee for Inter Partes Review (§ 42.15(a))				
	C.	Mandatory Notices (37 CFR § 42.8(b))				
		1.	Real Party in Interest (§ 42.8(b)(1))	1		
		2.	Other Proceedings (§ 42.8(b)(2))	4		
		3.	Designation of Lead and Backup Counsel	5		
		4.	Service Information (§ 42.8(b)(4))	5		
	D.	Proo	of of Service (§§ 42.6(e) and 42.105(a))	5		
II.		NTIFICATION OF CLAIMS BEING CHALLENGED 2.104(B))5				
III.		RELEVANT INFORMATION CONCERNING THE CONTESTED PATENT				
	A.	Effective Filing Date and Prosecution History of the '504 patent				
	B.	Person of Ordinary Skill in the Art				
	C.	Construction of Terms Used in the Claims				
		1.	Domain Name	10		
		2.	Domain Name Service System	10		
		3.	Indication	12		
		4.	Secure Communication Link	13		
		5.	Transparently	17		
		6.	Top-Level Domain Name	18		
		7.	Secure Name	18		
IV.	PRECISE REASONS FOR RELIEF REQUESTED					
	A.	Claims 1, 2, 5, 6, 8, 14, 16-17, 19, 20-21, 23, 27-30, 33, 34, 36, 47, 51 and 60 Are Anticipated by Aventail				
		1.	Aventail Anticipates Claim 1	20		



## Corrected Petition for Inter Partes Review of U.S. Patent No. 7,418,504

	2.	Aventail Anticipates Claim 36	25
	3.	Aventail Anticipates Claim 60	25
	4.	Aventail Anticipates Claim 2	26
	5.	Aventail Anticipates Claim 5	27
	6.	Aventail Anticipates Claim 6	27
	7.	Aventail Anticipates Claim 8	28
	8.	Aventail Anticipates Claim 14	29
	9.	Aventail Anticipates Claim 16	30
	10.	Aventail Anticipates Claim 17	33
	11.	Aventail Anticipates Claim 19	34
	12.	Aventail Anticipates Claim 20	34
	13.	Aventail Anticipates Claim 21	35
	14.	Aventail Anticipates Claims 23 and 47	35
	15.	Aventail Anticipates Claims 27 and 51	36
	16.	Aventail Anticipates Claim 28	37
	17.	Aventail Anticipates Claim 29	38
	18.	Aventail Anticipates Claim 30	39
	19.	Aventail Anticipates Claim 33	40
	20.	Aventail Anticipates Claim 34	41
В.		tail Renders Obvious Claims 1, 2, 5, 6, 8, 14, 16-17, 19, , 23, 27-30, 33, 34, 36, 47, 51 and 60	42
C.		as 1, 2, 5, 6, 8, 14, 16-17, 19, 20-21, 23, 27-30, 33, 34, 36, and 60 Are Anticipated By Provino	43
	1.	Provino Anticipates Claim 1	43
	2.	Provino Anticipates Claim 36	48
	3.	Provino Anticipates Claim 60	48
	4.	Provino Anticipates Claim 2	49
	5.	Provino Anticipates Claim 5	51
	6.	Provino Anticipates Claim 6	
	7.	Provino Anticipates Claim 8	
		1	



#### Corrected Petition for Inter Partes Review of U.S. Patent No. 7,418,504

	8.	Provino Anticipates Claim 14	53
	9.	Provino Anticipates Claim 16	54
	10.	Provino Anticipates Claim 17	54
	11.	Provino Anticipates Claim 19	55
	12.	Provino Anticipates Claim 20	55
	13.	Provino Anticipates Claim 21	56
	14.	Provino Anticipates Claims 23 and 47	56
	15.	Provino Anticipates Claims 27 and 51	57
	16.	Provino Anticipates Claim 28	58
	17.	Provino Anticipates Claim 34	58
D.	Provino in View of Beser Renders Obvious Claims 29 and 30		59
	1.	Provino in View of Beser Renders Obvious Claims 29 and 30	61
CON	CLUS		64
		9. 10. 11. 12. 13. 14. 15. 16. 17. D. Prov.	9. Provino Anticipates Claim 16

#### Attachment A. Proof of Service of the Petition

Attachment B. List of Evidence and Exhibits Relied Upon in Petition



# I. COMPLIANCE WITH REQUIREMENTS FOR A PETITION FOR INTER PARTES REVIEW

#### A. Certification the '504 Patent May Be Contested by Petitioner

Petitioner certifies that U.S. Patent No. 7,418,504 (the '504 patent) (Ex. 1001) is available for *inter partes* review. Petitioner certifies that it is not barred or estopped from requesting *inter partes* review of the claims of the '504 patent on the grounds identified in this Petition. Neither Petitioner, nor any party in privity with Petitioner, has filed a civil action challenging the validity of any claim of the '504 patent. As explained in § C.1, below, the '504 patent has not been the subject of a prior *inter partes* review by Petitioner or a privy of Petitioner, and neither Petitioner, nor any party in privity with Petitioner, has been served with a complaint alleging infringement of any claim of the '504 patent.

#### B. Fee for Inter Partes Review (§ 42.15(a))

The Director is authorized to charge the fee specified by 37 CFR § 42.15(a) to Deposit Account No. 20-0780.

### C. Mandatory Notices (37 CFR § 42.8(b))

### 1. Real Party in Interest ( $\S 42.8(b)(1)$ )

The real party in interest of this petition pursuant to § 42.8(b)(1) is RPX Corporation ("RPX") located at One Market Plaza, Steuart Tower, Suite 800, San Francisco, California 94105.

RPX is the leading provider of patent risk solutions, offering defensive



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

### **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

#### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

#### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

