UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ARISTA NETWORKS, INC. Petitioner

V.

CISCO SYSTEMS, INC.
Patent Owner

Case IPR2015-01710 Patent 7,224,668

PATENT OWNER PRELIMINARY RESPONSE

Mail Stop PATENT BOARD Patent Trial and Appeal Board U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450



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II.	The '668 Patent presents a novel internetworking device that provides improved security and Quality of Service (QoS)			
	A.	Denial of Service (DoS) attacks has been a significant problem for networks.		
	B.	Existing approaches to address DoS attacks had serious limitations3		
	C.	The novel solution provided by the '668 patent4		
III.	The Board should exercise its discretion and deny institution under § 325(d)			
	A.	The Board correctly rejected Petitioner's first challenge to the '668 patent		
	В.	The present petition presents substantially the same arguments and prior art as the original petition.		
	C.	The Board should find the second petition improperly uses as a roadmap the Patent Owner's preliminary response, which raised significant deficiencies in the original petition as to these claims1		
IV.	Claim Construction 16			
	A.	The Board should reject Petitioner's means-plus-function analysis17		
		1. "means for configuring a plurality of physical network interface ports" (claim 37)		
		2. "means for processing packets originating at a plurality of physical ports" (claim 38)		
		3. "means for passing packets through the control plane port, rather than directly from the physical ports to individual control plane processes" (claim 38)		



		4.	"means for configuring the control plane port services as an entity separate from physical port services" (claim 54)	20		
V.	Ground 1: Petitioner fails to show that Claims 1-6, 8, 9, 10, 12, 13, 15-22, 24-27, 28, 30, 31, 33-40, 42, 43, 45-47, 48, 49, 51-58, 60-63, 64, 66, 67, 69, 72 are obvious over Frazier in view of Habraken.					
	A.	Frazier's switch element				
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	C.	Petitioner fails to show that the combination of Frazier and Habraken discloses all of the elements of the challenged independent claims26				
		1.	Petitioner fails to show that the combination of Frazier and Habraken discloses "packets destined to the collection of control plane processes" (elements 1.4/1.5, 19.4/19.5, 37.4/37.5, and 55.4/55.5).	26		
		2.	Petitioner fails to show that the combination of Frazier and Habraken discloses "control plane port services."	30		
		3.	Petitioner fails to provide a <i>prima facie</i> case of obviousness for the combination of Frazier and Habraken to "[execute] port services, [] on packets entering and exiting the physical network interface ports" (elements 1.2/19.2/37.2/55.2).	rk		
	D.	Petitioner fails to show that the combination of Frazier and Habraken discloses claims 4, 22, 40, and 58.				
	E.	Petitioner fails to show that the combination of Frazier and Habraken discloses claims 5, 26, 46, and 62				
	F.	Petitioner fails to show that the combination of Frazier and Habraken discloses claims 9, 16, 24, 25, 45, 52, 61, 70				
	G.	Petitioner fails to show that the combination of Frazier and Habraken discloses claims 10, 28, 43, 64.				
	Н.		tioner fails to show that the combination of Frazier and Habraker lates claims 18, 36, 54, and 72.			



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VI.	Ground 2: Petitioner fails to show that claims 7, 23, 41, and 59 are obvious in view of Frazier and Moberg under 35 U.S.C. § 103			
	A.	The invention of Moberg.	.41	
	B.	Moberg, as a 102(e) reference, cannot preclude patentability of the claims of the '668 patent.	.42	
	C.	The combination of Frazier and Moberg does not disclose distributing control plane processes across multiple processors.	_	
VII.	. Conclusion.		.45	



Table of Authorities

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