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BEFORE THE PATENT TRIAL AND APPEAL BOARD

ARRIS GROUP, INC. Petitioner

v.

C-CATION TECHNOLOGIES, LLC Patent Owner

Case: IPR2014-00746

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 5,563,883

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Β.	Ground 1: Claims 1 and 4 are Invalid Under 35 U.S.C. § 103(a) over McNamara in view of Rocci and the MetroNet Paper1					
	1.	Claim 119				
		a.	Preamble: "In a multiple access communication system comprising a central controller, a shared transmission means for signalling data and user information, and a plurality of remote terminals, a method of allocating signalling data channels between said central controller and said plurality of remote terminals from a plurality of communication channels and of assigning remote terminals"			
		b.	Limitation [A]: "establishing communications between said central controller and said plurality of remote terminals via a plurality of signalling data channels, each of said remote terminals being initially assigned to a pair of predetermined signalling data channels"			
		с.	Limitation [B]: "monitoring the status of a plurality of signalling data channels in use between said central controller and said plurality of remote terminals for the usability of said signalling data channels"			
		d.	Limitation [C]: "determining whether one of said plurality of remote terminals needs to be reassigned to a different signalling data channel other than said predetermined signalling data channel"			
		e.	Limitation [D]: "determining whether a different and suitable signalling data channel is available other than said predetermined channel."			
		f.	Limitation [E]: "reassigning by said central controller said remote terminal to a different and suitable signalling data channel for communication henceforward."			
	2.	Claim				

		a.	Preamble: "In a multiple access communication system according to claim 1, said step of determining whether one of said plurality of remote terminals needs to be reassigned to a different signalling data channel other than said predetermined signalling data channel"			
		b.	Limitation [A]: "sensing the status of said predetermined signalling data channel which said terminal has been assigned to for overloading to determine whether said terminal needs to be reassigned to a different signalling data channel because of overloading"			
		c.	Limitation [B]: "sensing the status of said predetermined signalling data channel which said terminal has been assigned to for failure to determine whether said terminal needs to be reassigned to a different signalling data channel"			
C.	Ground 2: Claim 3 is Invalid Under 35 U.S.C. § 103(a) Over McNamara, Rocci, and the MetroNet Paper as Applied To Claim 1, and Further in view of Zudnek, Dufresne, and Nagasawa					
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