UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ARRIS GROUP, INC. Petitioner

v.

C-CATION TECHNOLOGIES, LLC Patent Owner

Case: IPR2014-00746

DECLARATION OF STUART LIPOFF IN SUPPORT OF PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 5,563,883

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IX.	Invalidity over The McNamara Patent				
	А.		rview of U.S. Patent No. 4,533,948 to McNarama and the roNet Paper46)	
	B.		n 1 Would Have been Obvious Over The McNamara Patent iew of The Rocci Patent and the MetroNet Paper)	
		1.	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")	
		2.	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")	
		3.	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")	
		4.	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"	2	
		5.	Limitation [D]: "determining whether a different and suitable signalling data channel is available other than said predetermined channel."	-	
		6.	Limitation [E]: "reassigning by said central controller said remote terminal to a different and suitable signalling data channel for communication henceforward."104	ŀ	

C.	Claim 3 Would Have Been Obvious Over the Combined Teachings of the McNamara Patent In View of the Rocci Patent and the MetroNet Paper, and Further In View of the Zudnek Patent, the Dufresne Patent, and the Nagasawa Patent				
	1.	Preamble: "In a multiple access communication system according to claim 1, said step of monitoring the status of a plurality of the signaling data channels in use between said central controller and said plurality of remote terminals for usability of said signaling data channels"			
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		3.	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"
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		2.	Limitation [A]: "system controlling means for controlling the communication system comprising a micro-processor and associated EPROM and RAM"
		3.	Limitation [B]: "transmitting means for transmitting user traffic or signalling data on said communication channels"141
		4.	Limitation [C]: "receiving means for receiving user traffic or signalling data on said communication channels"142
		5.	Limitation [D]: "modulating means for modulating signalling data"
		6.	Limitation [E]: "demodulating means for demodulating signalling data"
		7.	Limitation [F]: "interfacing means for interfacing to a wide area network"

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