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BEFORE THE PATENT TRIAL AND APPEAL BOARD

ARRIS GROUP, INC.
Petitioner

v.

C-CATION TECHNOLOGIES, LLC
Patent Owner

Case: IPR2015-00635

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

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1. Claim 1 19

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

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signalling data channels between said central controller and said plurality of remote terminals from a plurality of communication channels and of assigning remote terminals . . . ”.....19

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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 comprising the steps of:”46

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;” 47

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 because of failure.” 49

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a. Preamble: “In a multiple access communication system according to claim 1, said step of monitoring the status of a plurality of the signalling data channels in use between said central controller and said plurality of remote terminals for the usability o said signalling data channels comprising the steps of”.....51

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c. Limitation [B]: “monitoring the past collision count of said plurality of signalling data channels in use;”.....55

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e. Limitation [D]: “sensing the status of said plurality of signalling data channels in use for failure.” 58

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PETITIONER'S EXHIBIT LIST

ARRIS Ex. No.	Brief Description
1001	U.S. Patent No. 5,563,883 to Cheng
1002	Declaration of Stuart Lipoff
1003	*Curriculum Vitae* of Stuart Lipoff
1004	*Claim Construction Memorandum and Order* from *C-Cation Techs., LLC v. Comcast Corp., et. al.*, 2:11-CV-30-JRG-RSP, Dkt. 222 (Jul. 3, 2013)
1005	MPT 1327: *A Signalling Standard for Trunked Private Land Mobile Radio Systems* (Revised and reprinted November 1991) ("MPT 1327")
1006	MPT 1343: *Performance Specification; System Interface Specification for radio units to be used with commercial trunked networks operating in Band III sub-bands 1 and 2* (Revised and Reprinted September 1991) ("MPT 1343")
1007	MPT 1347: *Radio interface specification; For commercial trunked networks operating in Band III, sub-bands 1 and 2* (Revised and Reprinted September 1991) ("MPT 1347")
1008	U.S. Patent No. 4,870,408 to Zudnek
1009	U.S. Patent No. 4,920,533 to Dufresne *et al.*
1010	Radiocommunications Agency: 91-92 Annual Report
1011	William Stallings, LOCAL AND METROPOLITAN AREA NETWORKS (4th Ed. MacMillan Publishing Co. (1993))
1012	John Graham, *The Facts on File Dictionary of Telecommunications* (1983)
1013	C-Cation Technologies, LLC's Opening Claim Construction Brief in *C-Cation Techs., LLC v. Comcast Corp., et al.*, No. 2:11-cv-00030-JRG-RSP, Dkt. 187 (filed Mar. 22, 2013)
1014	Robert I. Desourdis, Jr., *et al.*, EMERGING PUBLIC SAFETY WIRELESS COMMUNICATIONS SYSTEMS (Artech House,

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