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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| | 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" |) | |
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| | | 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 | |

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|----|--|--|--|--|--|
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| D. | Claim 4 Would Have Been Obvious Over the Rocci Patent and the MetroNet Paper | | | | |
| | 1. | 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" | | | |
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| | | | terminal needs to be reassigned to a different signalling data channel because of overloading" |
|----|----|------|--|
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| | | 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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