United States Patent [19]

Dufresne et al.

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[54] CATV SUBSCRIBER TERMINAL TRANSMISSION CONTROL

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[21] Appl. No.: 262,802

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	U.S. Cl 370/85.2; 370/94.1;
	455/5; 358/86
[58]	Field of Search

340/825.5; 358/84, 86; 380/10, 20

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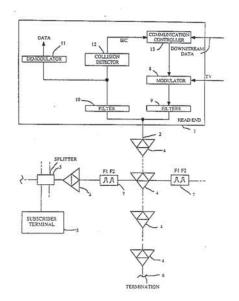
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[57] ABSTRACT

A bidirectional cable communication system comprising a head and, a bidirectional transmission network connected to the head end for transmitting signals downstream from the head end to a plurality of subscriber stations and for transmitting data signals upstream to the head end from the subscriber stations, means at the head end for detecting collisions between signals received from the subscriber stations and for generating a collision signal, means at the head end for transmitting downstream on the transmission system status bits of data signal indicative of the collision, whereby upon detection thereof by a subscriber station it can be enabled to cease transmission.

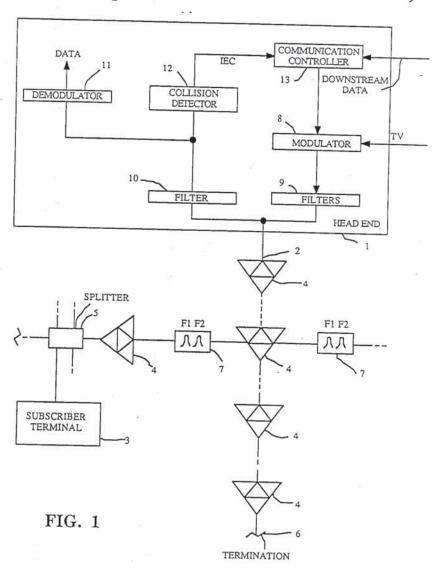
30 Claims, 6 Drawing Sheets





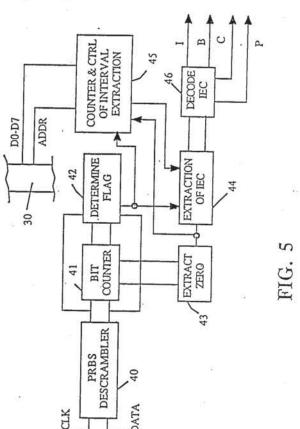
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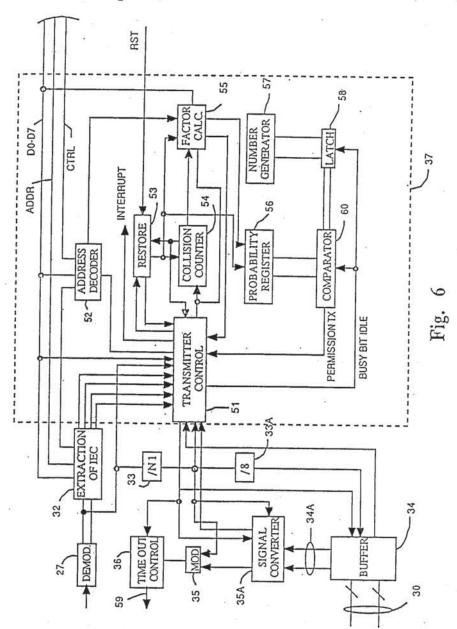




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Fig. 2





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