

EXHIBIT D



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Girard

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(54) **DISTRIBUTED EDGE SWITCHING SYSTEM FOR VOICE-OVER-PACKET MULTISERVICE NETWORK**

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- H04L 12/28* (2006.01)
- H04L 12/56* (2006.01)
- H04J 1/02* (2006.01)

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(58) **Field of Classification Search** 370/352, 370/353, 355, 356, 384, 395.2, 401, 410, 370/466, 467; 709/226, 229, 240; 725/117, 725/119, 131

See application file for complete search history.

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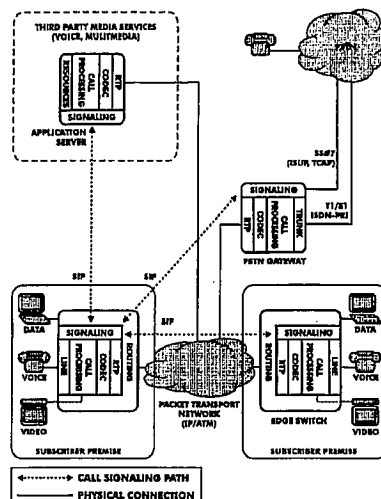
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(57) **ABSTRACT**

A network device including a plurality of communication interfaces, including a telephone line interface, a computer data interface, and a broadband network interface; a processor; a machine-readable storage medium which during use stores a call processing application and service profiles, and which stores executable instructions to mediate communications between the plurality of communication interfaces, the instructions causing the network device to detect network signaling events or trigger points in a telephone call and invoke the call processing application in response to the detected network signaling events or trigger points, the call processing application operating according to parameters defined in the service profiles.

19 Claims, 13 Drawing Sheets



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