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**Turner et al.**

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(54) **SYSTEM AND METHOD FOR PROVIDING CALL MANAGEMENT SERVICES IN A VIRTUAL PRIVATE NETWORK USING VOICE OR VIDEO OVER INTERNET PROTOCOL**

(75) Inventors: **George W. Turner**, Nepean (CA); **William J. Noll**, Bristol, IL (US); **Paul V. Harrington**, Naperville, IL (US); **Rodger D. Higgins**, Aurora, IL (US)

(73) Assignee: **Westell Technologies, Inc.**, Aurora, IL (US)

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(52) **U.S. Cl.** ..... **379/221.02; 379/211.02; 709/204; 370/352**

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See application file for complete search history.

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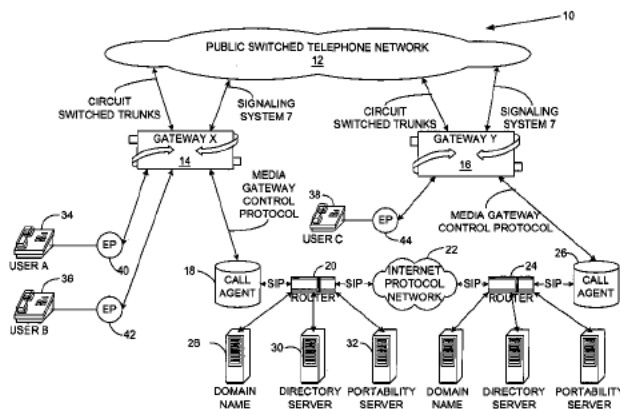
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*Primary Examiner*—Fan Tsang  
*Assistant Examiner*—Md S. Elahee  
(74) *Attorney, Agent, or Firm*—McDonnell Boehnen Hulbert & Berghoff LLP

(57) **ABSTRACT**

A system and method for providing call management services in a Virtual Private Network of the present invention uses the advantages of end-to-end Internet Protocol signaling. The system and method of the present invention includes a user profile which offers both a customer address and a user name as search keys. The method includes locating the called party who may be at a multiplicity of possible physical locations, evaluating the calling and called party privileges, routing preferences and busy/idle status for establishing permission to set up the call, determining an optimum route to establish the telephone call. Due to the system and method of the present invention, the telephone call takes the optimum route and preferably the most direct route to the destination with a high probability of completion.

**4 Claims, 25 Drawing Sheets**



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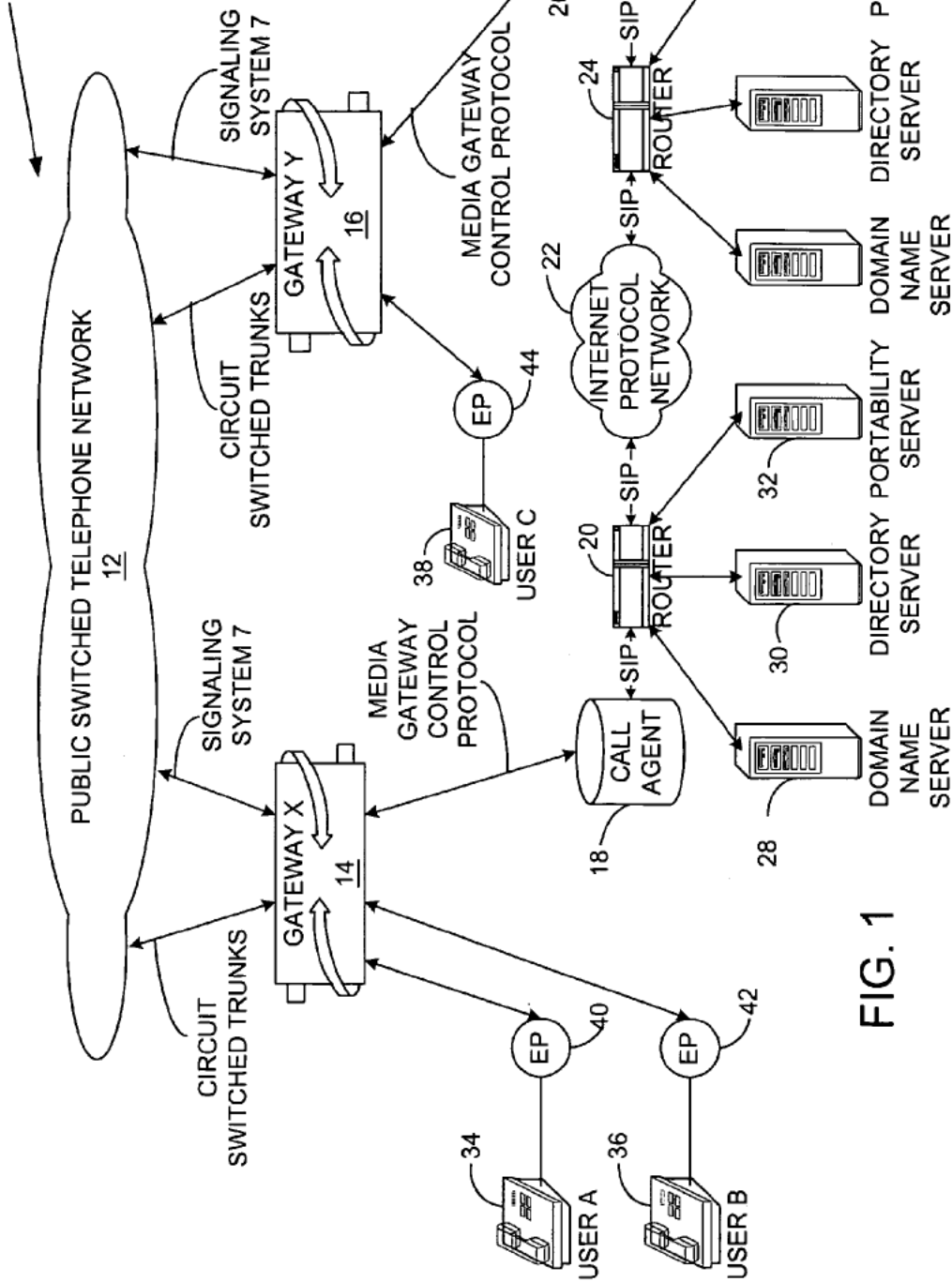


FIG. 1

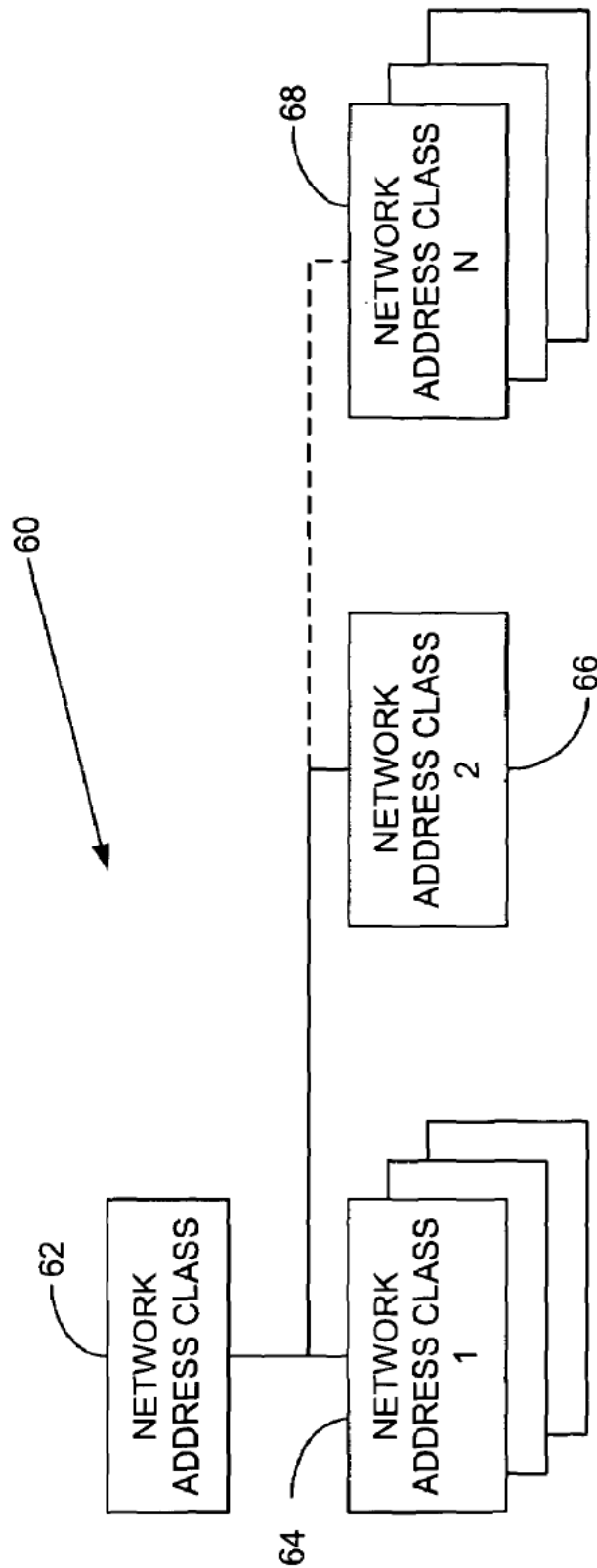


FIG. 2A

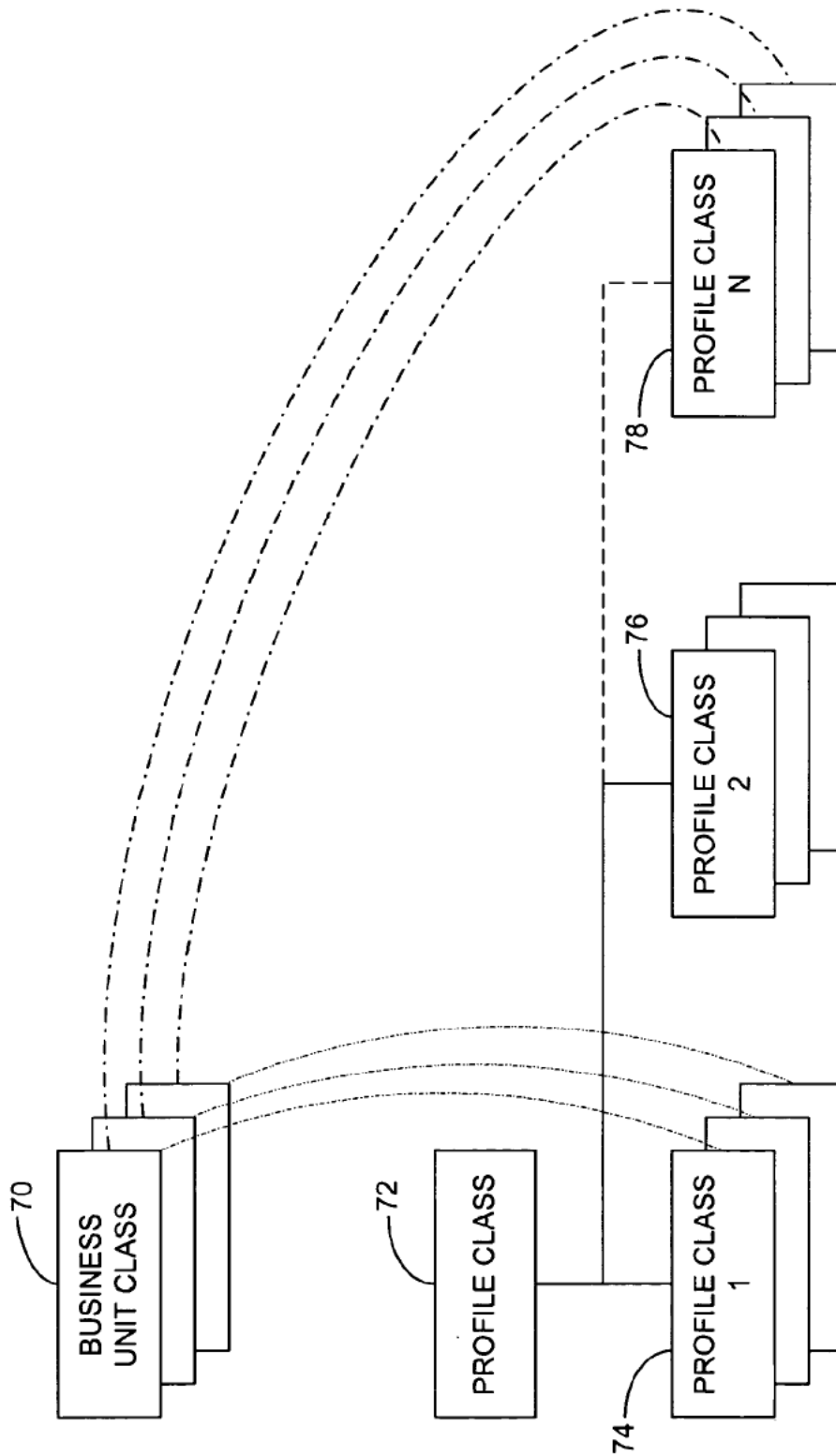


FIG. 2B

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