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Sheha et al.

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(54) **SYSTEM AND METHOD FOR PROVIDING ROUTING, MAPPING, AND RELATIVE POSITION INFORMATION TO USERS OF A COMMUNICATION NETWORK**

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H04Q 7/20 (2006.01)

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379/201.06; 379/201.08

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See application file for complete search history.

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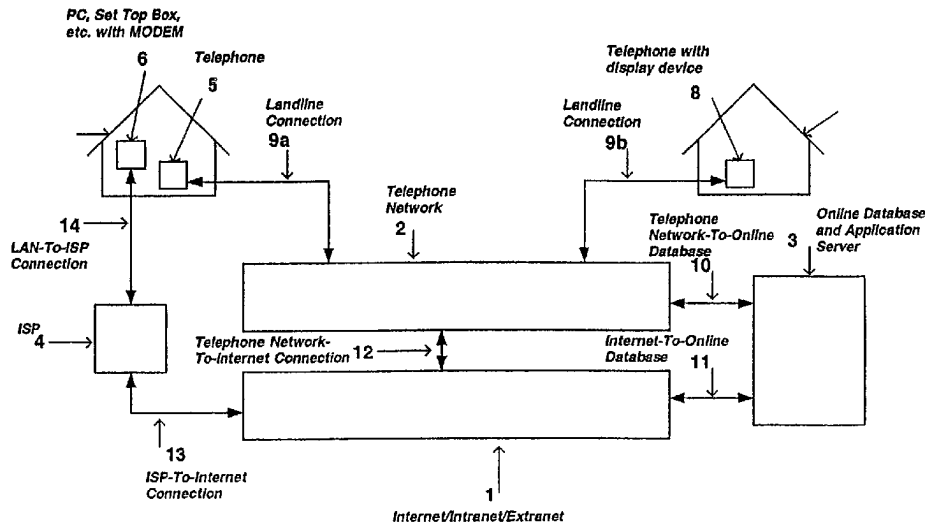
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(57) **ABSTRACT**

The present invention is directed to a system and method for providing real-time position information of one party to another party by utilizing a conventional telecommunication network system such as the convention telephone network, a mobile telecommunications network, a computer network, or the Internet. More specifically, the preferred embodiments of the present invention allow a caller and a receiver of a telephone call to provide to and receive from each other position information related to the caller and/or receiver's physical location, including address information, GPS coordinates, nearby fixed locations such as a parking structure, etc. Additionally, the preferred embodiments of the present invention allow a caller and receiver to retrieve routing instructions or maps for traveling to or from each other. In another embodiment of the present invention, a party may locate the position of another party via the entry of the other party's unique identifier such as a phone number of the other party's mobile phone. In yet another embodiment of the present invention, the position information of a party may be concurrently delivered to another party's computer terminal whereby the other party can process the information in further detail.

60 Claims, 9 Drawing Sheets



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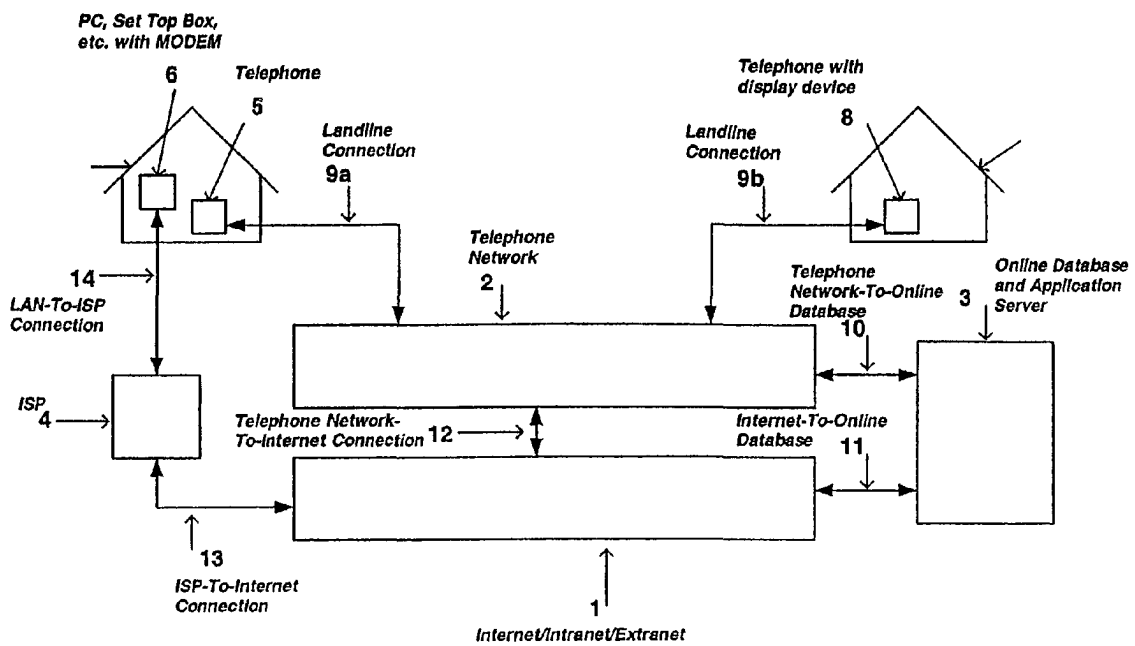


FIG. 1

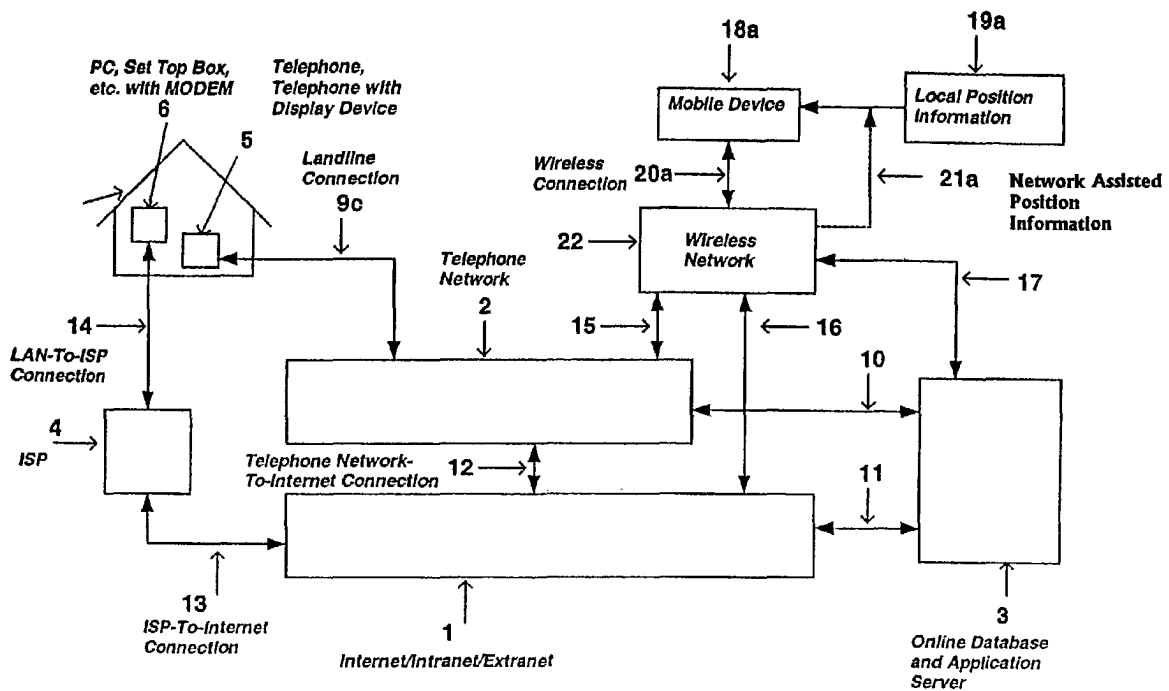


FIG. 2

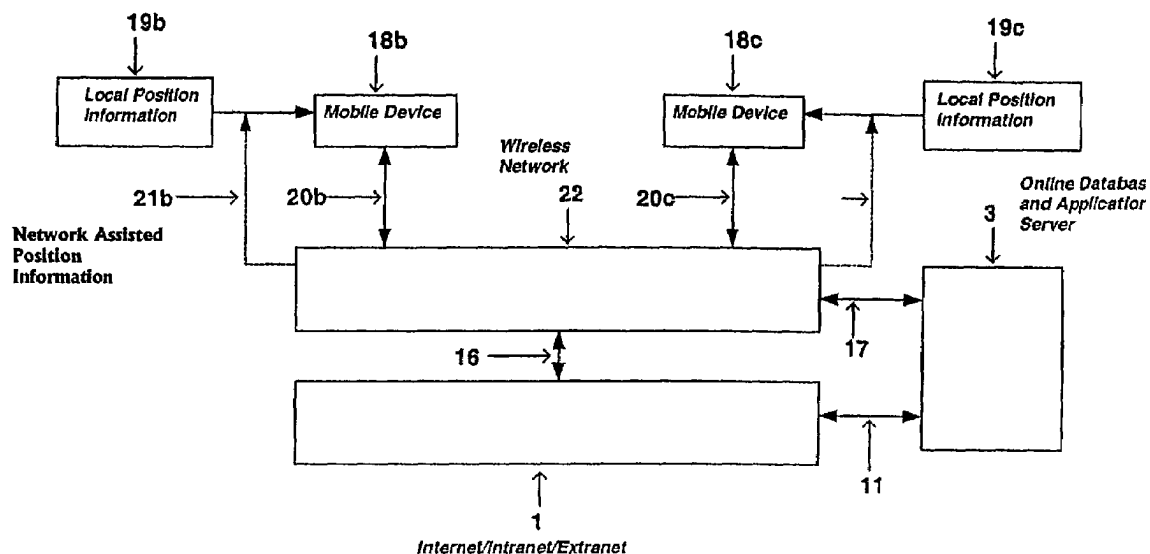


FIG. 3

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