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**Lockhart**

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(54) **METHOD AND APPARATUS FOR PROVIDING ENHANCED COMMUNICATION CAPABILITY FOR MOBILE DEVICES ON A VIRTUAL PRIVATE NETWORK (VPN)**

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(52) **U.S. Cl.** ..... **455/456; 455/414; 455/404; 455/466; 379/88.4; 379/265.6**

(58) **Field of Search** ..... **455/456, 457, 455/422, 445, 12.1, 427, 428, 429, 433, 466, 450, 404, 414; 370/349**

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(57) **ABSTRACT**

A service communication system for mobile vehicles has a cellular telephony interface in individual ones of the mobile vehicles, for establishing telephony events over a cellular network with a base station, and a global positioning system in individual ones of the mobile vehicles for determining global position from transmissions from GPS satellites. A network of cellular base stations receives from and broadcasts to the mobile vehicles, and bridges events between cellular and public switched telephone service (PSTN) protocol. A unique network-level routing system is connected by first telephony trunks to the base stations and enabled to retrieve GPS position from the telephony events, and is connected by other trunks to a plurality of service centers connected to the network-level routing system, which determines a destination for individual ones of the telephony events among the plurality of service centers according to the retrieved GPS position.

**6 Claims, 4 Drawing Sheets**

