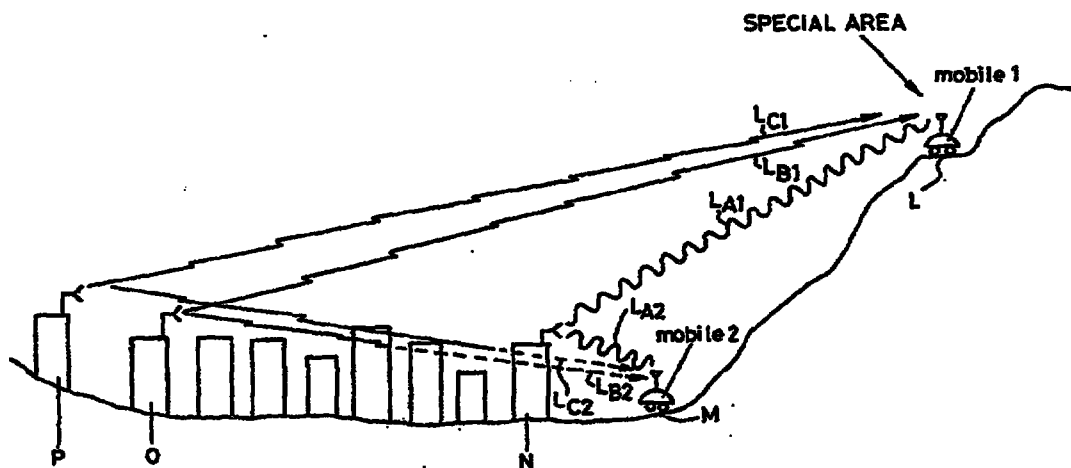


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(54) Title: MOBILE STATION LOCATING AND HANDOVER ARRANGEMENT FOR A DIGITAL CELLULAR TELEPHONE



(57) Abstract

A digital cellular telephone network is provided with mobile telephone handover arrangements in which the mobile telephone supplies signals relating to the strengths of downlink signals via a first base station to a central controller of the network. The signals are the signals from the first base station serving a special area within which the mobile telephone is located and with which the telephone is communicating, as well as downlink signals from two or more other selected remotely located base stations in the network. Based on this information a central controller determines whether or not the mobile telephone is located in the special area.

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