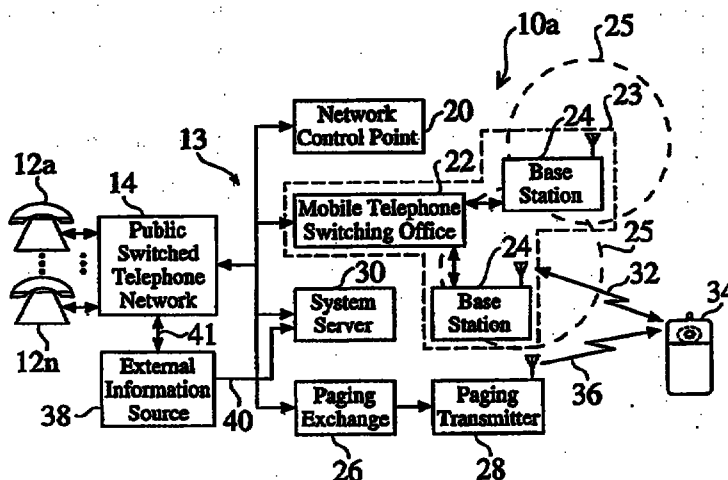




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(54) Title: KEYLESS PORTABLE CELLULAR PHONE SYSTEM HAVING REMOTE VOICE RECOGNITION



(57) Abstract

A keyless portable cellular phone system is provided, wherein matched sets of algorithmically generated communication units are generated, each communication unit pair defining a discrete time increment of authorized communication. One set is stored on a system server (i.e. a service provider), and the pre-paid set is available for use within a keyless portable cellular phone. The phone, normally non-activated, automatically contacts the system server upon selective activation by the user, to initiate a call (outgoing or incoming). A voice recognition system allows the user to place calls and/or receive calls. During a call, the keyless portable cellular phone periodically sends the sequential discrete airtime communication units, having unique identifiers (i.e. encryption), whereby the system server allows pre-paid authorized access to time increments of system services, such as communication, based upon the receipt of the matching, uniquely identified, sequential discrete airtime communication units. The phone typically has either an internal energy supply and storage for pre-paid communication units, or a removable airtime cartridge, typically containing an energy supply and either the ability to store or to generate a set of pre-paid single use airtime communication units.