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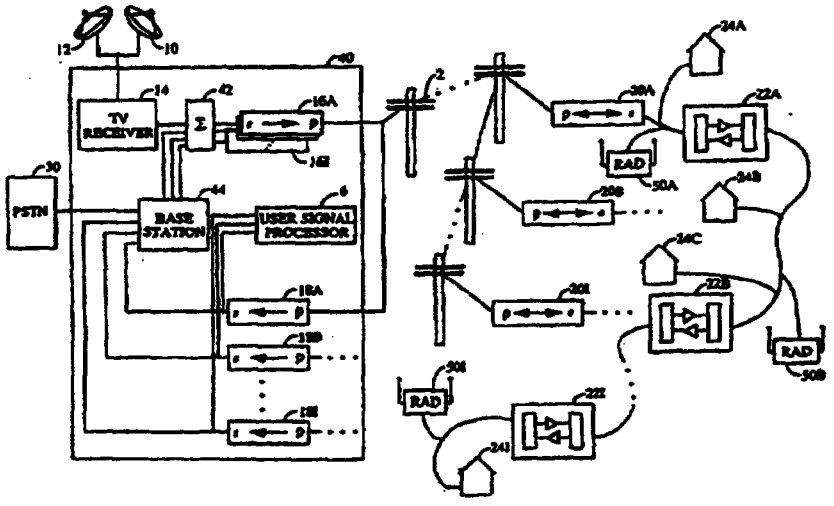
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(57) Abstract

The present invention is a method and apparatus for integrating a personal communication system with a cable television plant. A set of radio antenna devices (RAD) (50A-50I) are connected to the cable plant (4). The RADs (50A-50I) provide frequency conversion and power control of signal received from the cable plant for wireless transmission to the remote units (24A-24C). The RADs (50A-50I) also provide power control and frequency conversion of wireless signals received from the remote units for transmission by the RADs (50A-50I) onto the cable plant (4). In addition to the functions of standard base stations and centralized controller, the CATV base station must also compensate for gain variations in the cable plant (4). The downstream power control is regulated by a RAD (50A-50I) reference signal which can be hidden within the CDMA signal for maximum efficiency.