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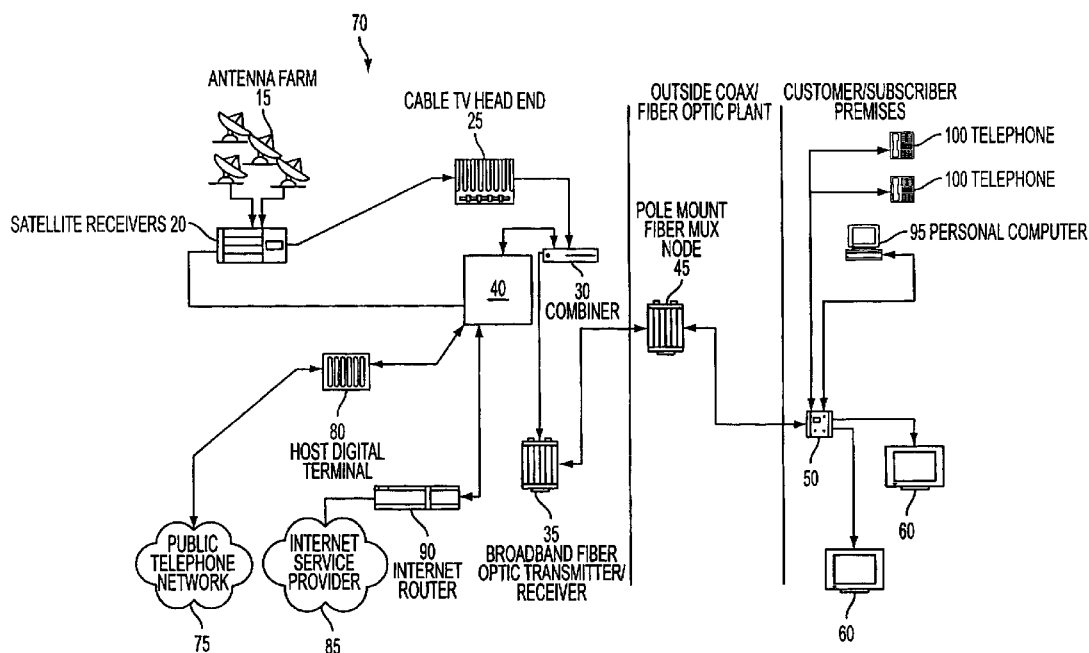
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ning of each regular issue of the PCT Gazette.

(54) Title: **ULTRA-WIDEBAND COMMUNICATION THROUGH A WIRE NETWORK**



(57) Abstract: A method to increase the available bandwidth across a wired network is provided. The method includes transmitting an ultra-wideband signal across the wired network. One embodiment (70) of the present invention may transmit a multiplicity of ultra-wideband signals through a community access television network. The present invention may transmit an ultra-wideband signal across an optical network, a cable television network, a community antenna television network, a community access television network, a hybrid fiber-coax network, an Internet service provider network, and a PSTN network.