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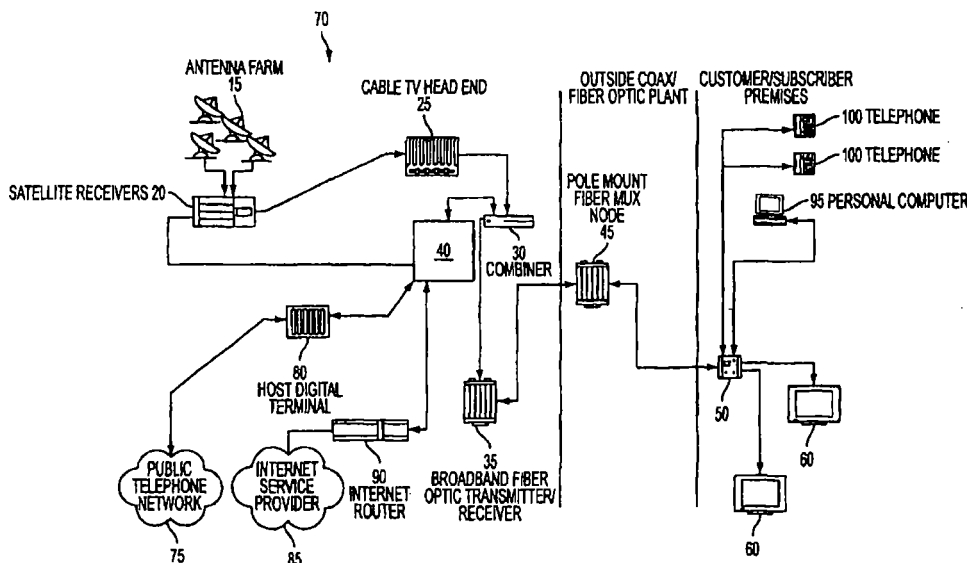
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(54) Title: ULTRA-WIDEBAND COMMUNICATION THROUGH A WIRE MEDIUM



(57) Abstract: A method to increase the available bandwidth across a wired network (70) is provided. The method includes transmitting an ultra-wideband signal across the wired network. One embodiment 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 (45), a cable television network (25), a community antenna television network, a community access television network, a hybrid fiber-coax network, an Internet service provider network (85), and a PSTN network (75).

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