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(71) Applicant: **PULSE-LINK, INC.** [US/US]; 9155 Brown
Deer Road, Suite 8, San Diego, CA 92121 (US).

(71) Applicant and

(72) Inventor: **SANTHOFF, John** [US/US]; 12631 El Camino
Real, #2406, San Diego, CA 92130 (US).

(74) Agent: **MARTINEZ, Peter, R.**; Luce, Forward, Hamil-
ton & Scripps LLP, 11988 El Camino Real, Suite 200, San
Diego, CA 92130 (US).

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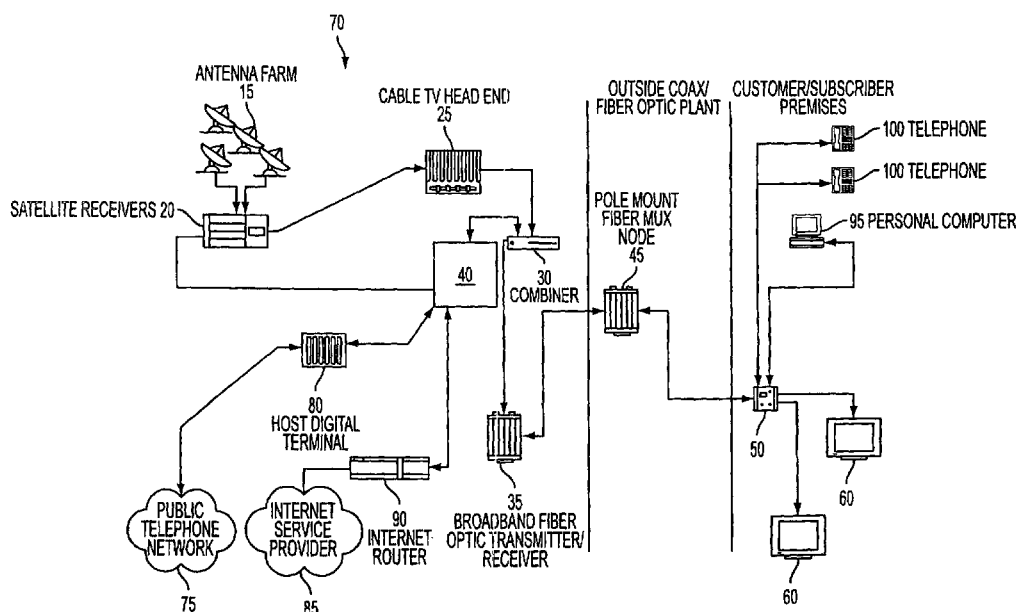
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ning of each regular issue of the PCT Gazette.

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



(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 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 access television network, a hybrid fiber-coax network, an Internet service provider network, and a PSTN network.