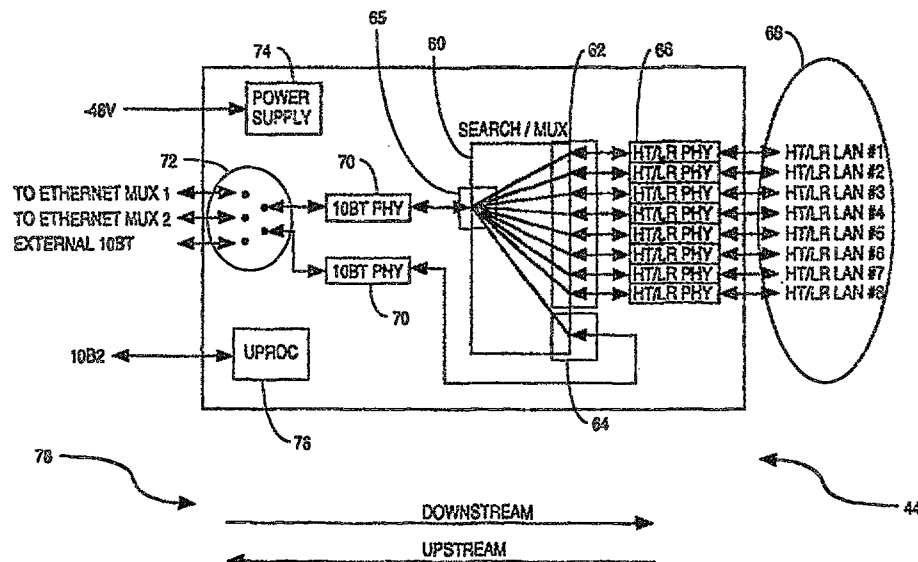


## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <p>(51) International Patent Classification<sup>6</sup> :<br/>H04J 1/12, 3/10, 15/00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>A1</p> | <p>(11) International Publication Number: WO 00/16507</p> <p>(43) International Publication Date: 23 March 2000 (23.03.00)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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(54) Title: METHOD AND APPARATUS FOR AUTOMATICALLY REDUCING CROSS-TALK BETWEEN WIRES COUPLED TO A COMMON NETWORK DEVICE



## (57) Abstract

A method of adjusting the sensitivity of a receiver requires the association of a network address of a remote network device (16), such as a computer, with a first port (62) of a multiport network device (60), such as a switch. The reception of the network address of the remote network device at a second port of the multiport network device indicates the possible occurrence of a cross-talk condition between networks coupled to the first and second ports. Accordingly, the sensitivity of a receiver associated with the second port is reduced in an attempt to reduce the sensitivity thereof to a point at which cross-talk signals, generated as a result of the cross-talk condition between networks coupled to the first and second ports, are no longer detected. The sensitivity of the receiver may be reduced by increasing a noise threshold level below which signals are not detected.