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(54) **CENTRAL PIECE OF NETWORK EQUIPMENT**

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(58) **Field of Classification Search**  
None  
See application file for complete search history.

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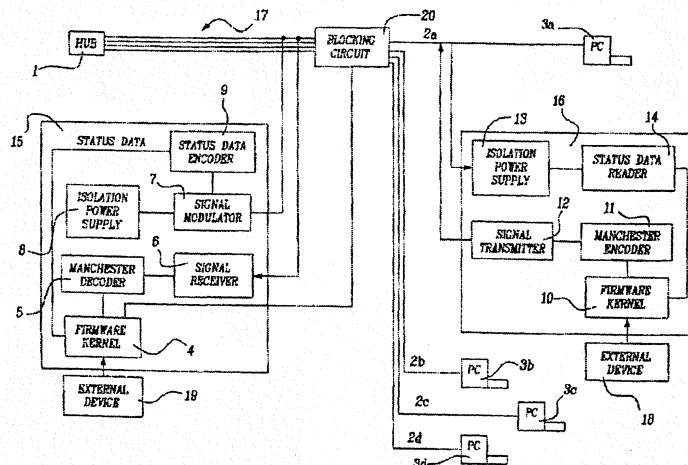
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(57) **ABSTRACT**

A central piece of network equipment having at least one Ethernet connector having first and second pairs of contacts used to carry BaseT Ethernet communication signals and at least one electrical supply used by the central piece of network equipment to change impedance between at least one of the contacts of the first pair of contacts and at least one of the contacts of the second pair of contacts.

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