



US005694427A

United States Patent [19]

[11] Patent Number: **5,694,427**

Wincn

[45] Date of Patent: **Dec. 2, 1997**

[54] **PSEUDO-AUI LINE DRIVER AND RECEIVER CELLS FOR ETHERNET APPLICATIONS**

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[21] Appl. No.: **391,911**

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[22] Filed: **Feb. 21, 1995**

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[51] Int. Cl.⁶ **H04B 3/00**

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[52] U.S. Cl. **375/257; 330/255**

[58] Field of Search **375/257, 318, 375/351, 295, 316, 317, 259; 45/218, 212, 220; 330/252, 255, 262, 273**

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[57] ABSTRACT

A single-ended differential AUI line driver, and complementary single-ended differential AUI line receiver, implement a pseudo AUI that exhibits most of the characteristics of an IEEE 802.3 standard compatible AUI line driver. The pseudo AUI line driver permits multi-point to single point connection (wire-ORing) of multiple line drivers and receivers to support port mobility on a per-port basis.

23 Claims, 4 Drawing Sheets

