



US008942107B2

(12) **United States Patent**  
**Austerman, III et al.**

(10) **Patent No.:** **US 8,942,107 B2**  
(45) **Date of Patent:** **Jan. 27, 2015**

(54) **PIECE OF ETHERNET TERMINAL EQUIPMENT**

USPC ..... **370/241**; 370/463; 340/568.1  
(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **13/370,918**

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(22) Filed: **Feb. 10, 2012**

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(65) **Prior Publication Data**

US 2012/0250784 A1 Oct. 4, 2012

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**Related U.S. Application Data**

(63) Continuation of application No. 12/239,001, filed on Sep. 26, 2008, now Pat. No. 8,155,012, which is a continuation of application No. 10/668,708, filed on Sep. 23, 2003, now Pat. No. 7,457,250, which is a continuation of application No. 09/370,430, filed on Aug. 9, 1999, now Pat. No. 6,650,622, which is a continuation-in-part of application No. PCT/US99/07846, filed on Apr. 8, 1999.

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(60) Provisional application No. 60/081,279, filed on Apr. 10, 1998.

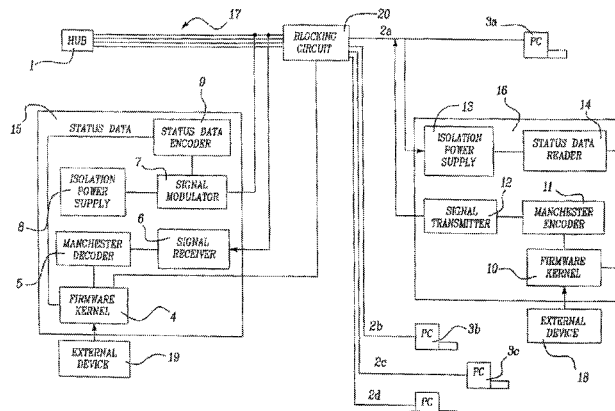
(57) **ABSTRACT**

A piece of Ethernet terminal equipment having an Ethernet connector including first and second pairs of contacts used to carry Ethernet communication signals. At least one path for the purpose of drawing DC current. The at least one path coupled across 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. The piece of Ethernet terminal equipment to draw different magnitudes of DC current flow via the at least one path. The different magnitudes of DC current flow to result from at least one condition applied to at least one of the contacts of the first and second pairs of contacts, wherein at least one of the magnitudes of the DC current flow to convey information about the piece of Ethernet terminal equipment.

(51) **Int. Cl.**  
**H04L 12/12** (2006.01)  
**G08B 13/14** (2006.01)  
**H04L 1/24** (2006.01)  
**H04B 3/54** (2006.01)

(52) **U.S. Cl.**  
CPC .. **H04L 1/24** (2013.01); **H04B 3/54** (2013.01); **H04B 2203/5445** (2013.01); **H04B 2203/5458** (2013.01); **H04B 2203/5466** (2013.01); **H04B 2203/547** (2013.01); **H04B 2203/5491** (2013.01); **H04B 2203/5495** (2013.01)

**125 Claims, 13 Drawing Sheets**



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