DiLullo et al.

[54] VEHICLE STATUS MONITOR AND MANAGEMENT SYSTEM EMPLOYING SATELLITE COMMUNICATION

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- [21] Appl. No.: 258,162

[56]

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- [51] Int. Cl.⁴ H04B 1/00; G08B 5/22

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[11] Patent Number: 4,897,642

[45] Date of Patent: Jan. 30, 1990

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Primary Examiner-Donald J. Yusko

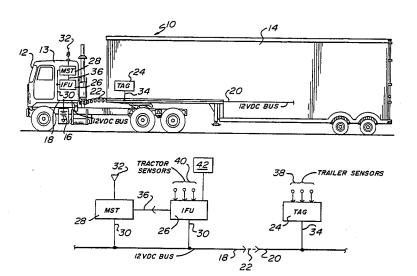
Assistant Examiner—Eric Pudpud

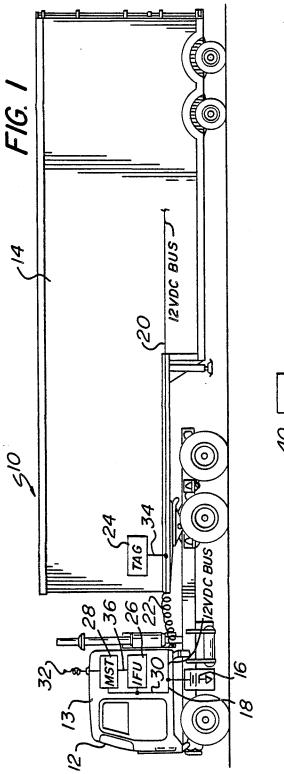
Attorney, Agent, or Firm—Woodcock Washburn Kurtz Mackiewicz & Norris

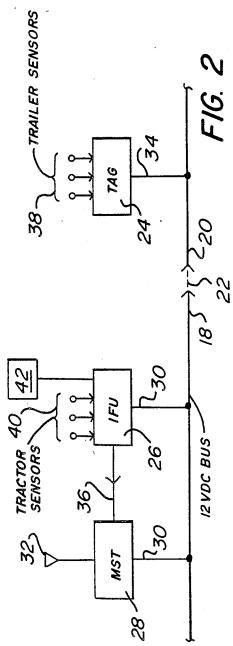
[57] ABSTRACT

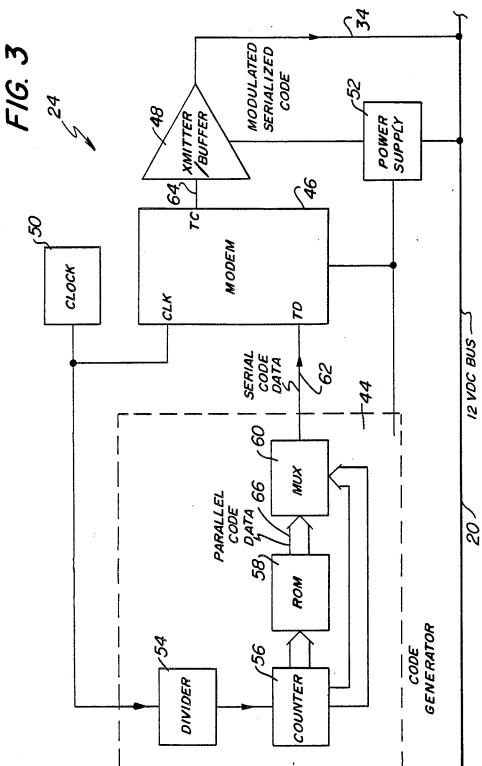
Apparatus and method for monitoring the status of a multiple part vehicle are disclosed. Apparatus according to the invention comprises a tag on a second part of the vehicle which impresses a unique ID code of the vehicle's existing electrical system. An interface unit in a first part of the vehicle detects the presence of a valid ID code on the vehicle's electrical system and in response provides an indication that the second part of the vehicle is connected. A mobile satellite transmitter provides data indicative of the status of the vehicle to an earth station via a satellite. Vehicle position data is also provided to the earth station with each transmission.

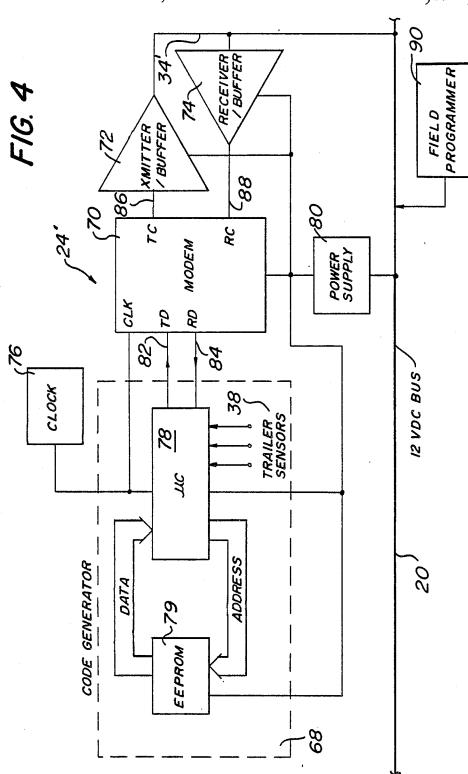
35 Claims, 10 Drawing Sheets

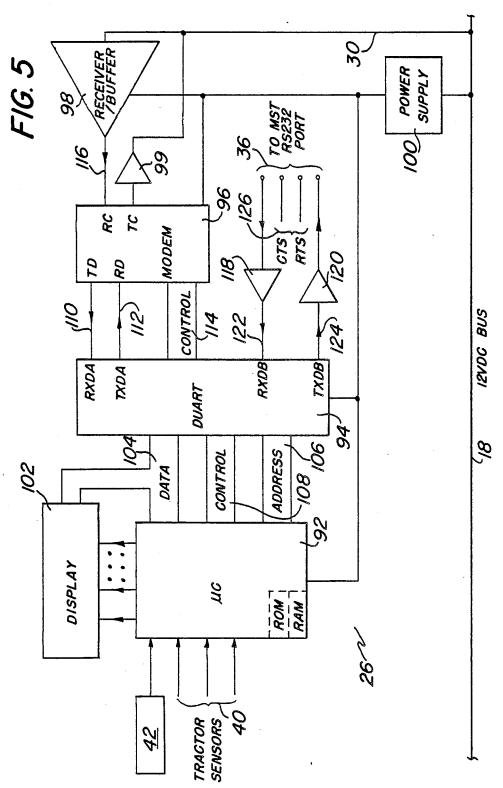












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