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# United States Patent [19] van Oostrom et al.

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[54] **PATIENT DATA ACQUISITION AND CONTROL SYSTEM**  
[75] Inventors: **Johannes H. van Oostrom; Richard J. Melker**, both of Gainesville, Fla.  
[73] Assignee: **University of Florida**, Gainesville, Fla.

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*Primary Examiner*—Eric F. Winakur  
*Assistant Examiner*—Charles Marmor, II  
*Attorney, Agent, or Firm*—Saliwanchik, Lloyd & Saliwanchik

[51] **Int. Cl.<sup>7</sup>** ..... **A61B 5/00**  
[52] **U.S. Cl.** ..... **600/300; 128/904; 128/920**  
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### [57] **ABSTRACT**

The present invention solves this communication problem by providing a method and apparatus for connecting to and coordinating data communications of various medical devices having different communication protocols. In a preferred embodiment, the invention provides a way to recognize common parameters and separate out only that part of the communication that is different between and specific to the various monitors and therapeutic devices. The invention efficiently utilizes defined common parameters for protocol types and selectively configures the specific settings when required, automatically.

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**38 Claims, 15 Drawing Sheets**

