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Potter et al.

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(54) **INFORMATION/SOFTWARE INTERFACE HAVING SERIAL COMMUNICATIONS DETECTION LOGIC/ELECTRONICS FOR DETERMINING EITHER A HOST OR AN EMBEDDED MICROCOMPUTER DEVICE CONTROLLER CONNECTED THERETO**

(58) **Field of Search** 710/62-64, 72-74, 710/129; 709/102, 200, 203, 208, 213, 238; 700/9, 11, 17, 20; 370/351; 717/11

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(57) **ABSTRACT**

An improved communication interface for an embedded microcomputer device controller is provided. The interface includes serial communications detection logic/electronics for identifying the nature of external elements connected to the interface, and multiplex logic/electronics for programming and/or reprogramming the embedded microcomputer device controller in response to input signals received from a host device having a serial interface.

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8 Claims, 2 Drawing Sheets

