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United States Patent [19]
Brown

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[45] **Date of Patent:** **Apr. 27, 1999**

[54] **MONITORING SYSTEM FOR REMOTELY QUERYING INDIVIDUALS**

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[73] Assignee: **Health Hero Network, Inc.**, Mountain View, Calif.

[21] Appl. No.: **08/847,009**

[22] Filed: **Apr. 30, 1997**

Related U.S. Application Data

[60] Provisional application No. 60/041,751, Mar. 28, 1997, and provisional application No. 60/041,746, Mar. 28, 1997.

[51] **Int. Cl.**⁶ **A61B 5/02; G06F 15/00**

[52] **U.S. Cl.** **600/300**

[58] **Field of Search** 600/300, 301; 128/898, 920-925

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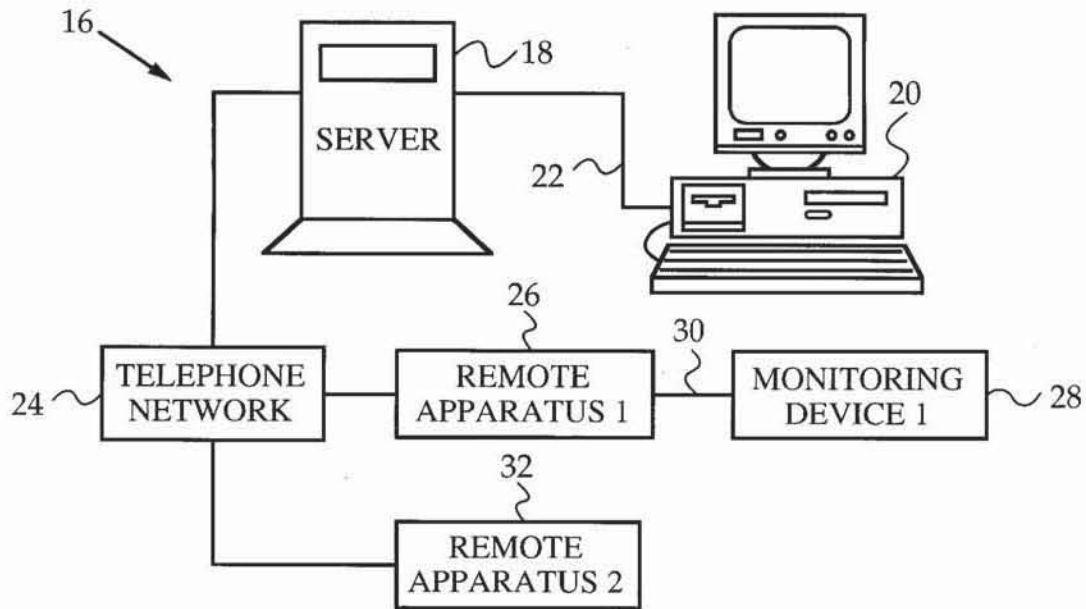
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Primary Examiner—Samuel Gilbert
Attorney, Agent, or Firm—Lumen Intellectual Property Services

[57] **ABSTRACT**

A monitoring system for remotely querying an individual includes a central computer system and at least one remote apparatus. The central computer system includes a server and a workstation networked to the server for entering a set of queries to be answered by the individual. The server includes a script generator for generating a script program to be executed by the apparatus. The script program includes display commands to display the queries, input commands to receive responses to the queries, and a transmit command to transmit the responses from the apparatus to the central computer system. The server also includes a database for storing the script program and the responses to the queries. The apparatus includes a modem for receiving the script program from the server and for transmitting the responses to the server. The apparatus also includes a display for displaying the queries and input buttons for entering the responses to the queries. A processor is connected to the modem, the display, and the input buttons. The processor executes the script program to display the queries, receive the responses, and transmit the responses to the central computer system.

19 Claims, 12 Drawing Sheets



CARDIOCOM EXH 1038
CARDIOCOM v. BOSCH

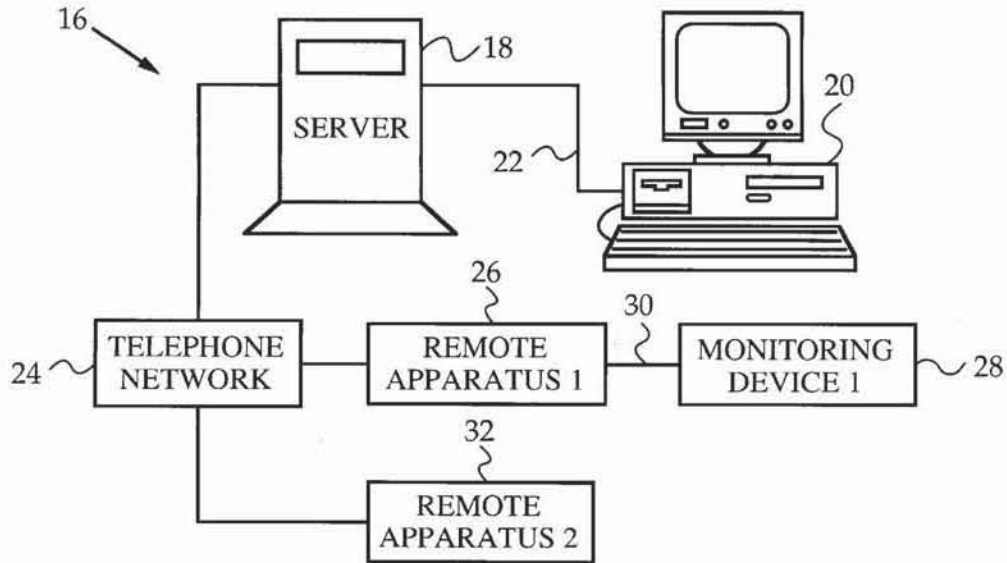


FIG. 1

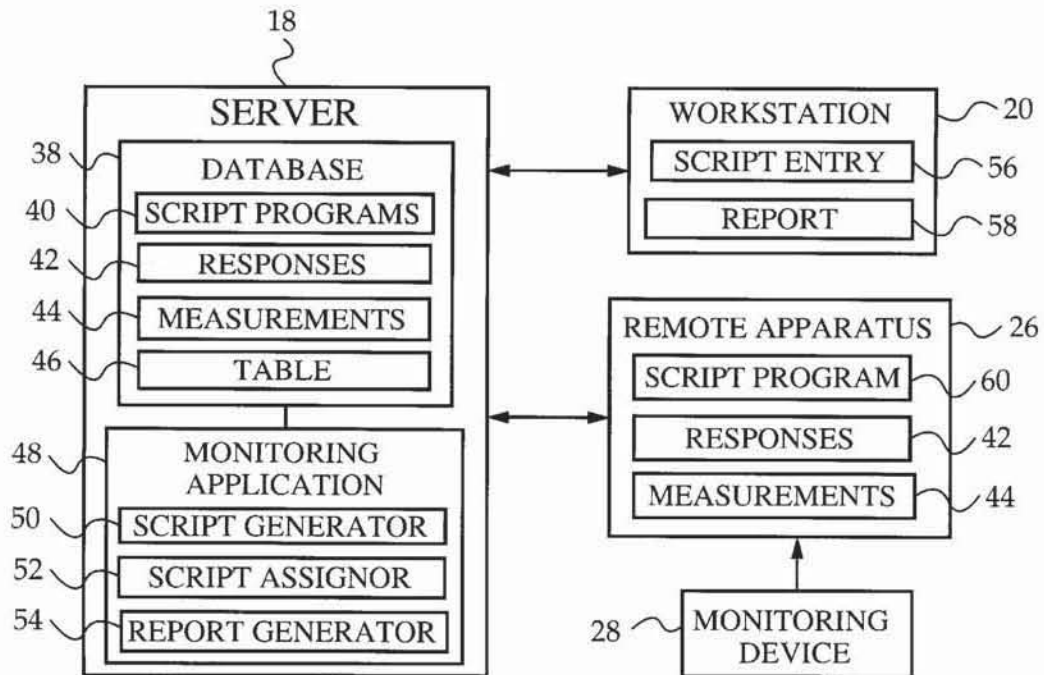


FIG. 2

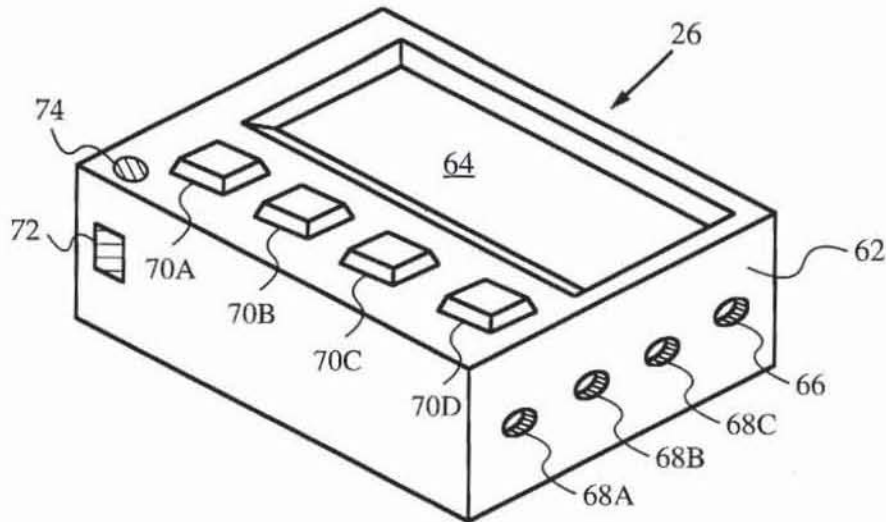


FIG. 3

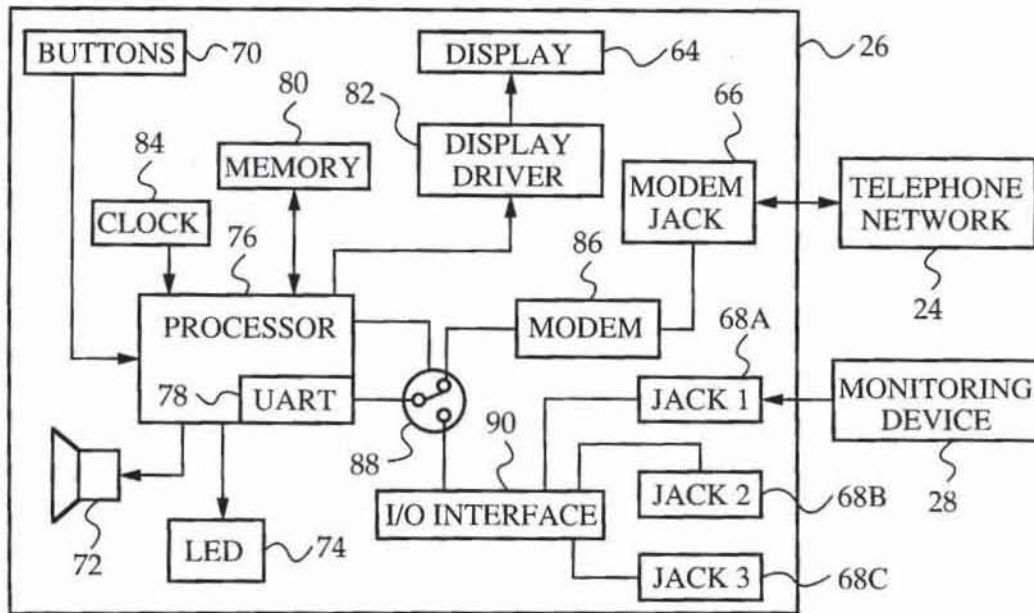


FIG. 4

SCRIPT ENTRY SCREEN

SCRIPT NAME: 92

QUERIES	CHOICE 1	CHOICE 2	CHOICE 3	CHOICE 4
94 <input type="text" value="HOW DO YOU FEEL?"/>	<input type="text" value="VERY BAD"/>	<input type="text" value="BAD"/>	<input type="text" value="GOOD"/>	<input type="text" value="VERY GOOD"/>
<input type="text" value="HOW WELL ARE YOU MANAGING YOUR DISEASE?"/>	<input type="text" value="VERY BADLY"/>	<input type="text" value="BADLY"/>	<input type="text" value="WELL"/>	<input type="text" value="VERY WELL"/>
<input type="text" value="HOW HARD IS IT FOR YOU TO FOLLOW YOUR TREATMENT PLAN?"/>	<input type="text" value="VERY HARD"/>	<input type="text" value="HARD"/>	<input type="text" value="EASY"/>	<input type="text" value="VERY EASY"/>
<input type="text" value="HOW WELL DOES YOUR DOCTOR RESPOND TO YOUR NEEDS?"/>	<input type="text" value="VERY BADLY"/>	<input type="text" value="BADLY"/>	<input type="text" value="WELL"/>	<input type="text" value="VERY WELL"/>
<input type="text" value="HOW HARD IS IT FOR YOU TO CONTROL YOUR BLOOD SUGAR?"/>	<input type="text" value="VERY HARD"/>	<input type="text" value="HARD"/>	<input type="text" value="EASY"/>	<input type="text" value="VERY EASY"/>

SELECT DEVICE TYPE(S)

98 GLUCOSE METER PEAK FLOW METER EKG

CONNECTION TIME: 100 102

FIG. 5

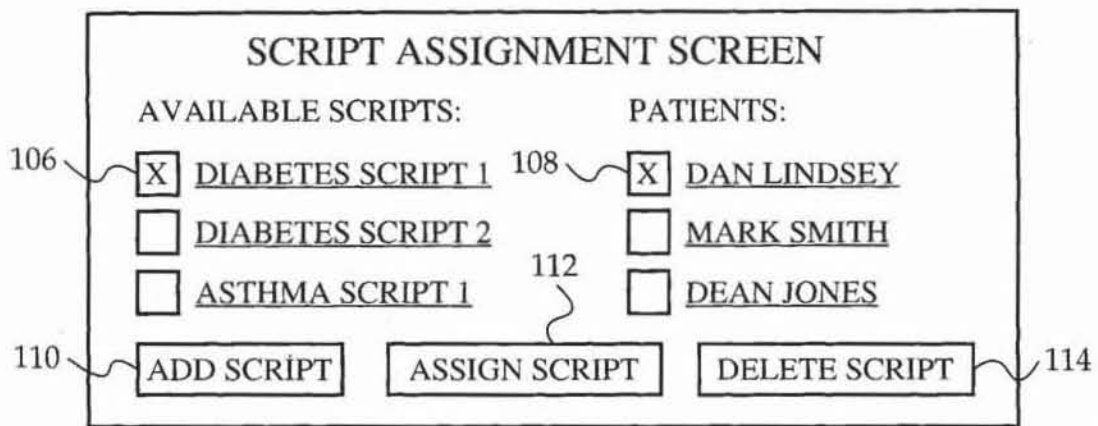


FIG. 6

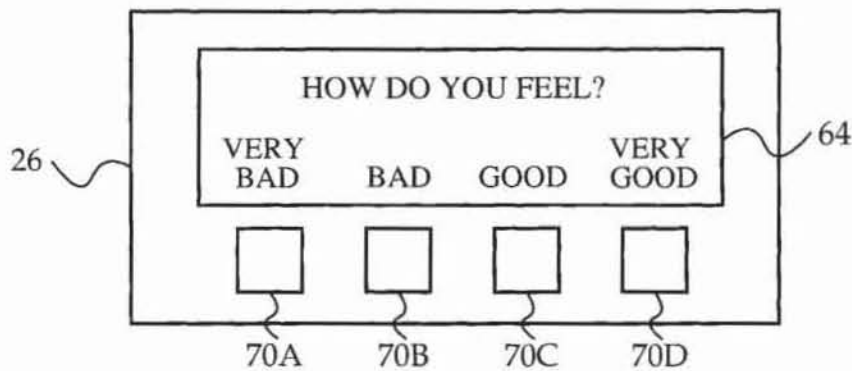


FIG. 7

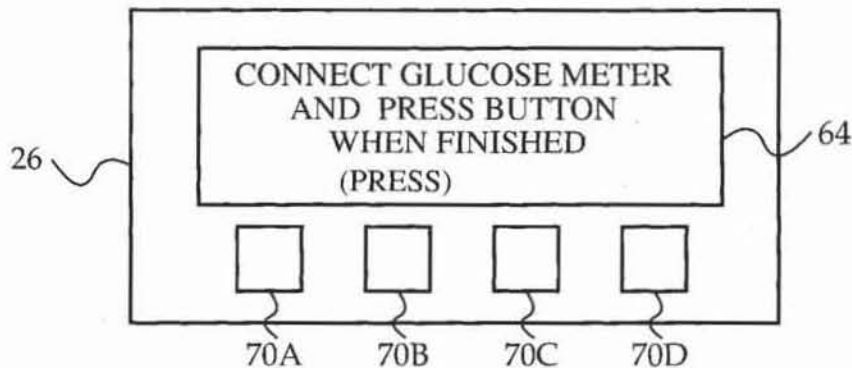


FIG. 8

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