

United States Patent [19]

Hood et al.

[54] EXERCISE EQUIPMENT INFORMATION, COMMUNICATION AND DISPLAY SYSTEM

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- [51] Int. Cl.⁵ A63B 21/00
- - - 364/264, 410, 411; 434/350, 84; 128/670, 689; 482/57, 52, 54, 72, 902

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[11] Patent Number: 5,213,555

[45] Date of Patent: May 25, 1993

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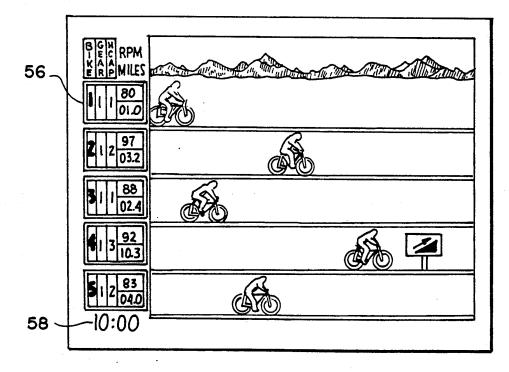
Primary Examiner—Richard J. Apley Assistant Examiner—Glenn Richman Attorney, Agent, or Firm—Jenner & Block

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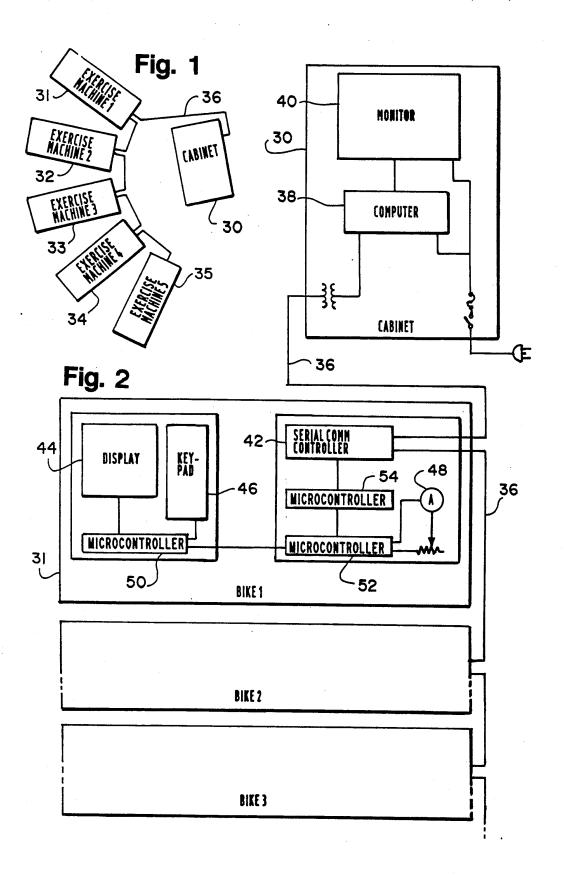
ABSTRACT

An information, communication and control system for use in a health club which accumulates data from various types of exercise equipment and permits a number of exercise machines to be raced against one another. The exercise machines are equipped with keyboards from which users can enter data including their handicap (ability level) and the desired length of race. A central controller includes memory for storing data accumulated from the exercise machines and programs. The controller, responsive to the programs and input data, conducts a race between two or more exercise machines and displays the progress of the race on a video monitor. The controller can also be used to set up exercise programs for users on the various machines based on user performance data accumulated from the machines over time.

24 Claims, 21 Drawing Sheets

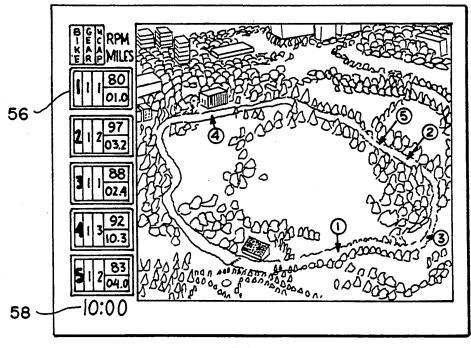


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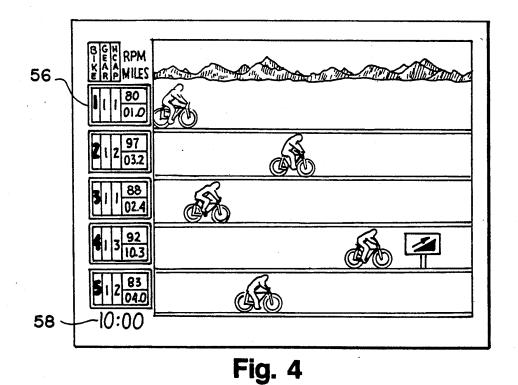


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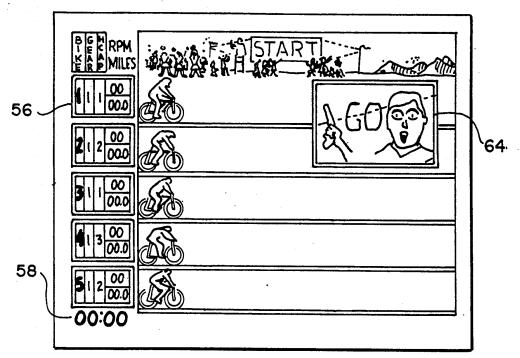
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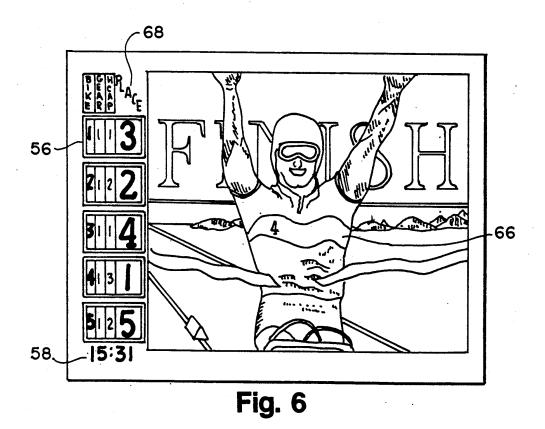


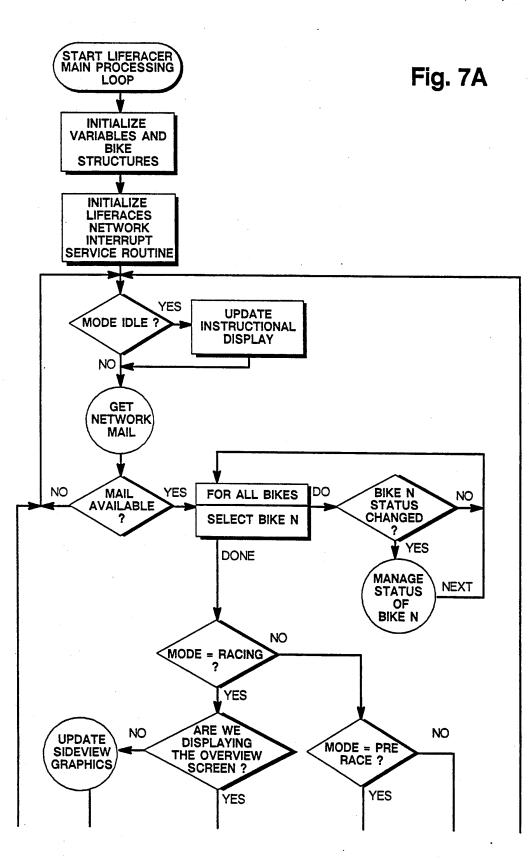


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