

[54] MEDICAL INFORMATION SYSTEM

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[21] Appl. No.: 111,985

[22] Filed: Oct. 22, 1987

[51] Int. Cl.<sup>5</sup> ..... A61N 1/36

[52] U.S. Cl. .... 364/413.06; 128/419 D

[58] Field of Search ..... 364/415, 413.06; 128/702, 705, 692, 419 D, 419 S

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FOREIGN PATENT DOCUMENTS

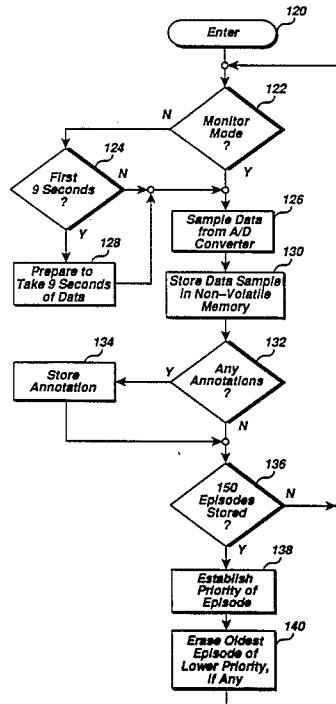
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 Assistant Examiner—Kim Thanh T. Bui  
 Attorney, Agent, or Firm—Seed and Berry

[57] ABSTRACT

A medical information system. Data from electrodes are digitized and received by a microprocessor which causes them to be stored in a memory in accordance with a predetermined priority scheme. The data stored in the memory means can be read out to a monitor, a printer, or another computer for further processing.

16 Claims, 8 Drawing Sheets



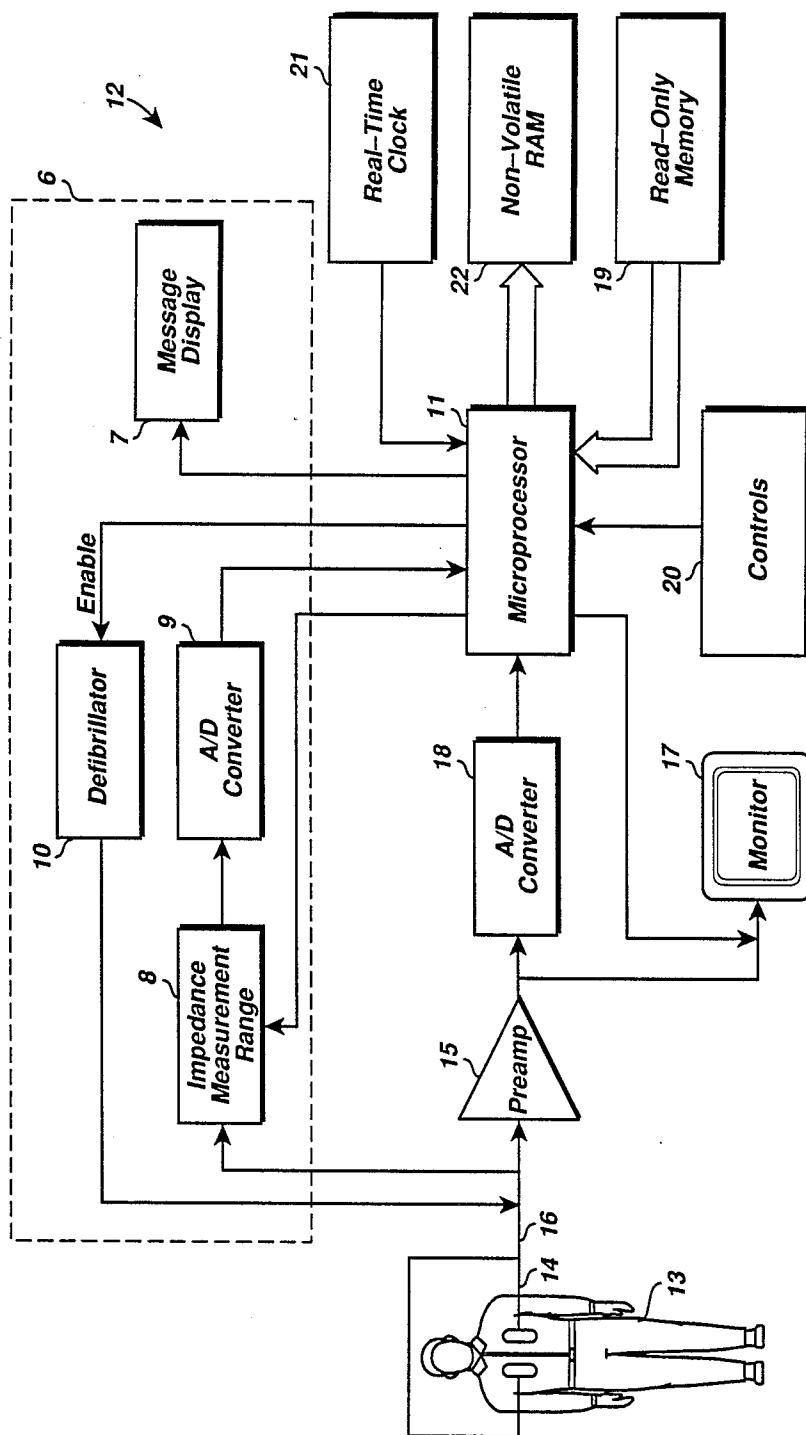


Figure 1

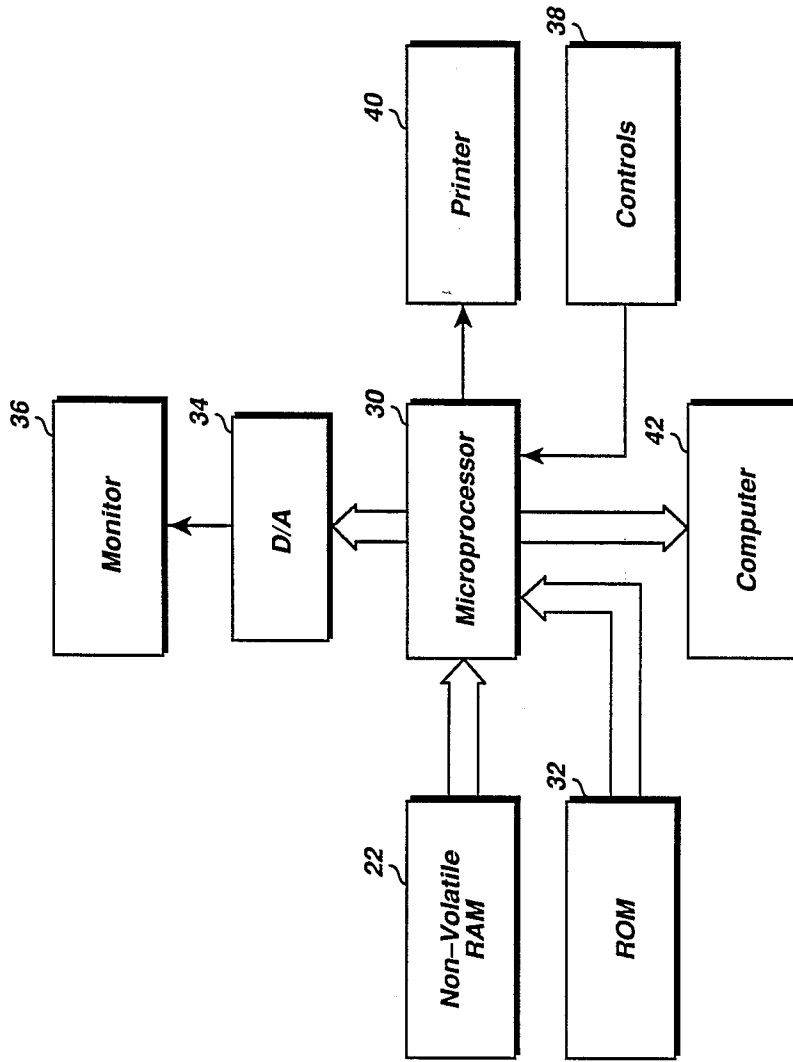


Figure 2

HEARTSTART 2000 RUN REPORT

REPORT DATE \_\_\_/\_\_\_/\_\_\_

TECHNICIANS \_\_\_\_\_

EPISODE DATE . . . . .11 FEB 87  
EPISODE DATE . . . . .17 : 44 : 19  
SELF CHECK . . . . .OK  
CONFIGURATION . . . . SEMI-AUTO

PART NUMBER . . . . . 900050  
SERIAL NUMBER . . . . . 000447  
SOFTWARE VERSION . . . . .10  
MCU S.W. VERSION . . . . . 4

↖ 50

EVENT LOG:

↖ 52

----- DATE: 11 FEB 87

17 : 44 : 19 UNIT ON

17 : 44 : 22 UNIT OFF

17 : 44 : 26 UNIT ON

17 : 44 : 35 "CHECK PATIENT" MESSAGE GIVEN - TREATABLE RHYTHM DETECTED

17 : 44 : 36 START ANALYSIS

17 : 44 : 40 START CHARGING

17 : 44 : 43 COMMIT TO TREAT

17 : 44 : 48 READY TO SHOCK

17 : 44 : 50 SHOCK NUMBER 1 DELIVERED, 200 JOULES

17 : 44 : 59 START ANALYSIS

17 : 45 : 06 SHOCK NOT INDICATED

17 : 45 : 21 "CHECK PATIENT" MESSAGE GIVEN - TREATABLE RHYTHM DETECTED

17 : 45 : 24 START ANALYSIS

17 : 45 : 28 START CHARGING

17 : 45 : 31 COMMIT TO TREAT

17 : 45 : 36 READY TO SHOCK

17 : 45 : 37 SHOCK NUMBER 2 DELIVERED, 200 JOULES

17 : 45 : 46 START ANALYSIS

17 : 45 : 50 START CHARGING

17 : 45 : 53 COMMIT TO TREAT

17 : 46 : 06 READY TO SHOCK

17 : 46 : 09 SHOCK NUMBER 3 DELIVERED, 360 JOULES

17 : 46 : 22 "CHECK PATIENT" MESSAGE GIVEN - TREATABLE RHYTHM DETECTED

17 : 46 : 26 START ANALYSIS

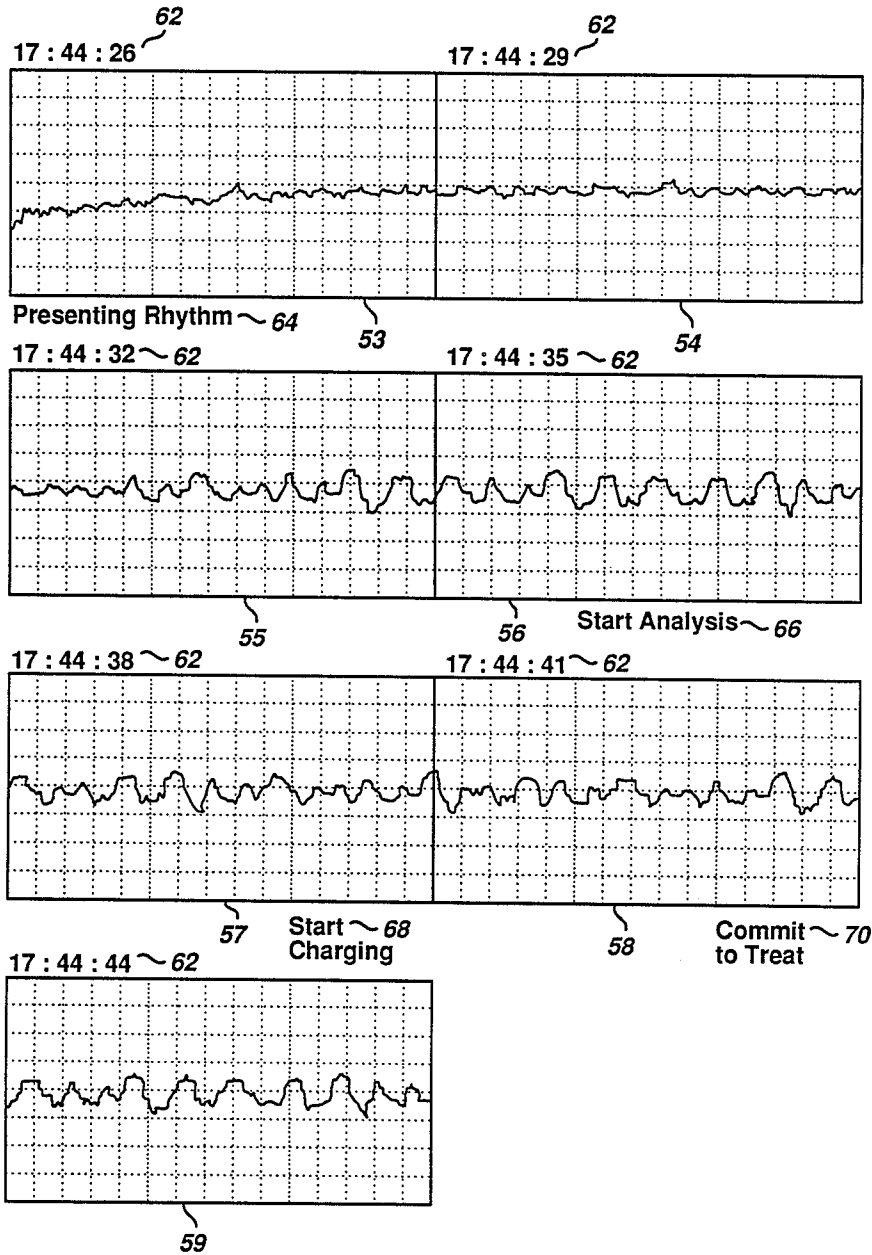
17 : 46 : 33 SHOCK NOT INDICATED

17 : 46 : 33 UNIT OFF

SER. NO. 000447 EPISODE DATE: 11 FEB 87 TIME: 17 : 44 : 19 PAGE 1

Figure 3A

RECORDED ECG DATA:



SER. NO. 000447 EPISODE DATE: 11 FEB 87 TIME: 17:44:19 PAGE 2

Figure 3B

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