

[54] STRONTIUM-RUBIDIUM INFUSION PUMP WITH IN-LINE DOSIMETRY

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[58] Field of Search 128/655, 654, 656.8, 128/716.1, 653, 659, 1.1, 1.2; 250/362, 363 S; 604/51-53

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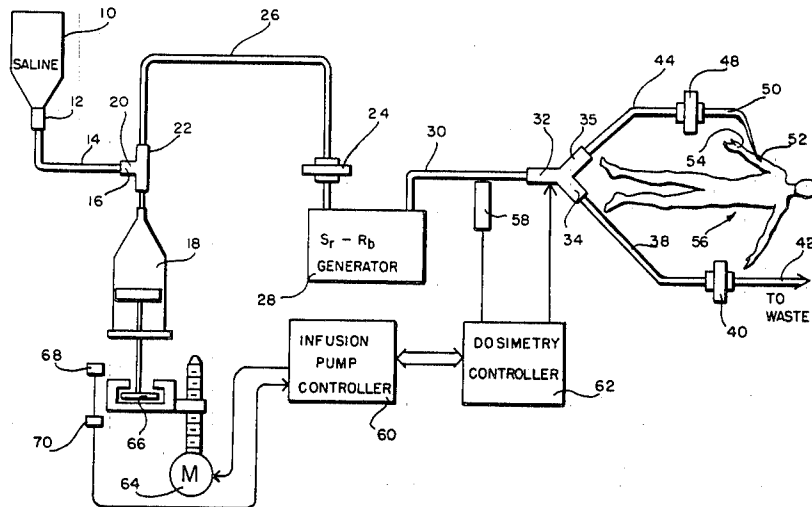
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[57] ABSTRACT

The dosimetry system used with a strontium-rubidium infusion system is a very high speed circuit capable of measuring the radioactive dosage infused into a patient in real time. The dosimetry system is capable of receiving very short duration input pulses generated by a photomultiplier tube in response to the presence of radioactivity.

8 Claims, 12 Drawing Figures



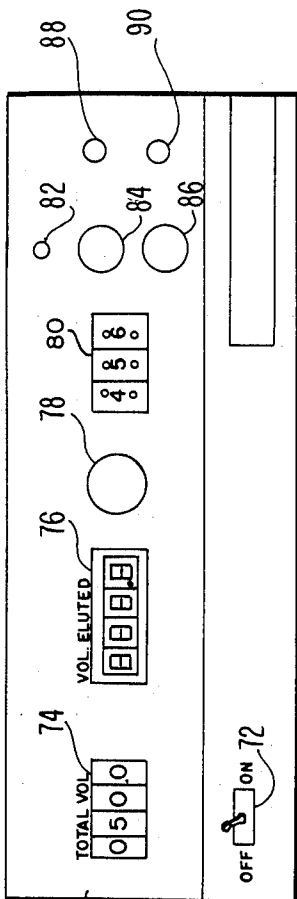


Fig. 2

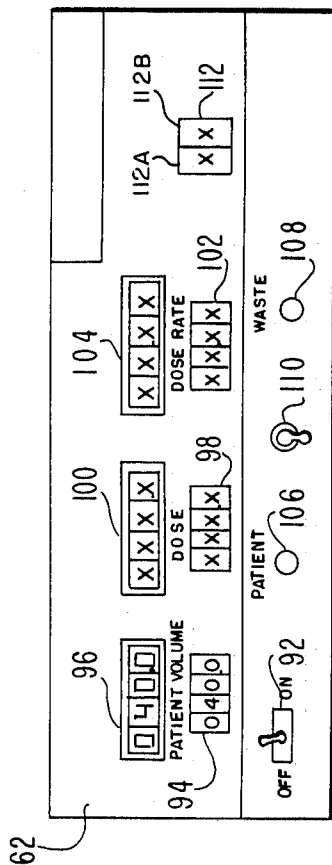
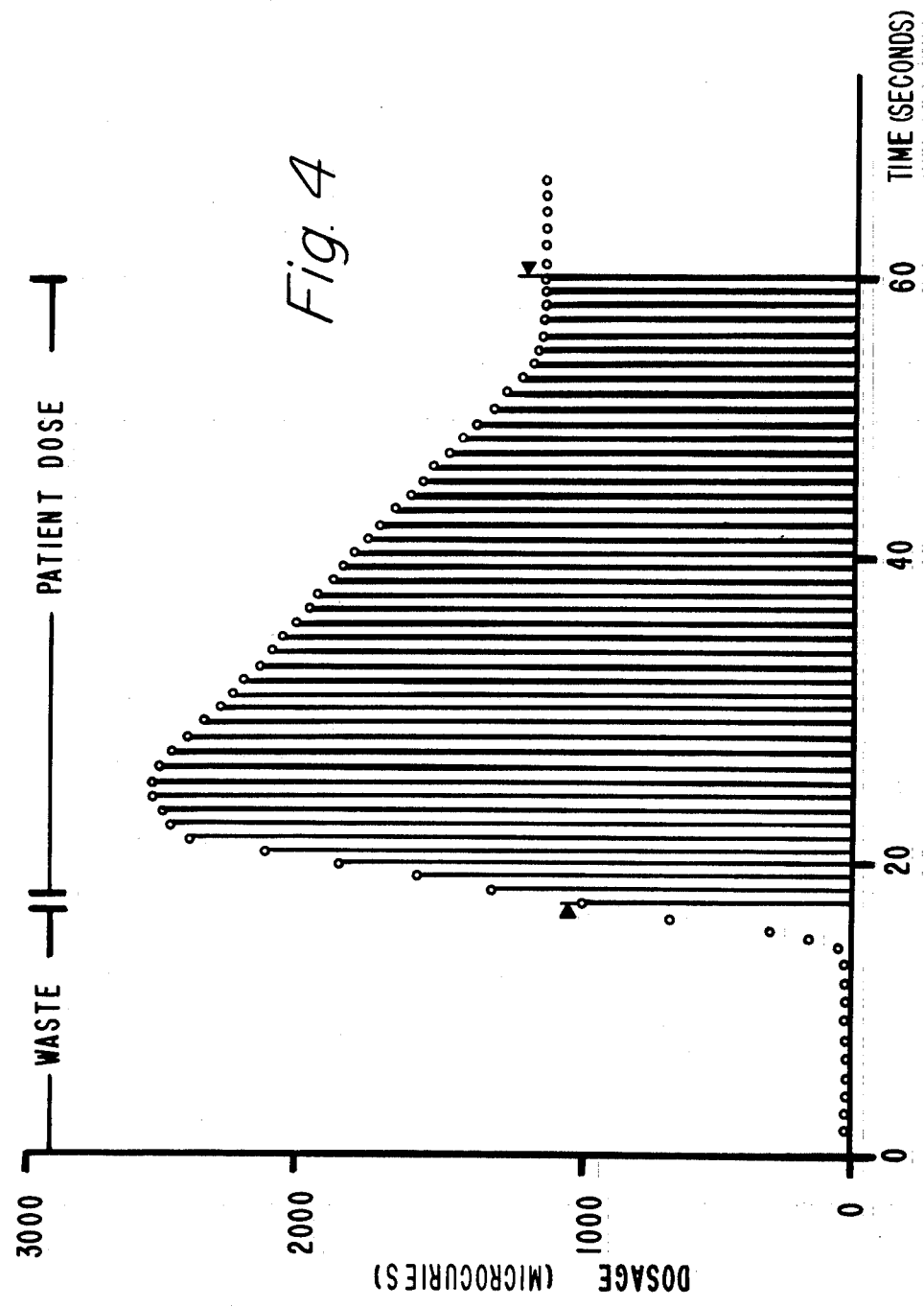


Fig. 3



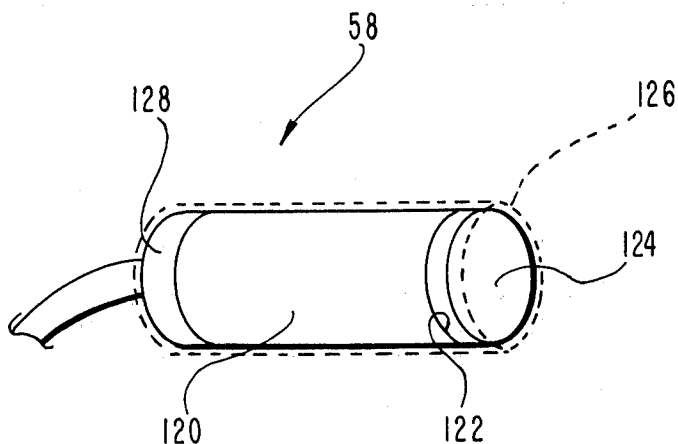


Fig. 5

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