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(54) Title: MONITORING FLUID BALANCE

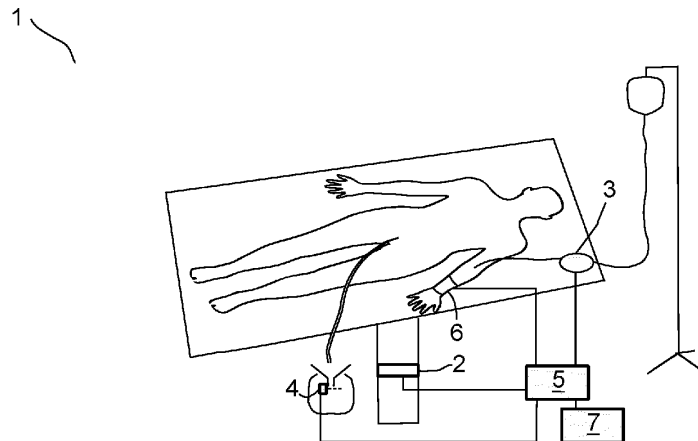


FIG 1

(57) **Abstract:** The present invention relates to a monitoring device (1) for monitoring the fluid balance of an animal or human body. The device comprises a body weight sensor (2) for continuously or periodically weighing the body, a fluid delivery device (3) for providing a controllable supply of fluid to the body, a urine output sensor (4) for determining the urine output of the body, a processor (5). The processor (5) is adapted for determining a total fluid outtake of the body and a fluid outtake due to perspiration and respiration by taking a signal provided by the body weight sensor (2) and a signal provided by the urine output sensor (4) into account, and providing a control signal to the fluid delivery device (3) to regulate a volume, flow velocity or flow rate of the fluid delivered to the body, so as to maintain a predetermined fluid balance in the body.

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