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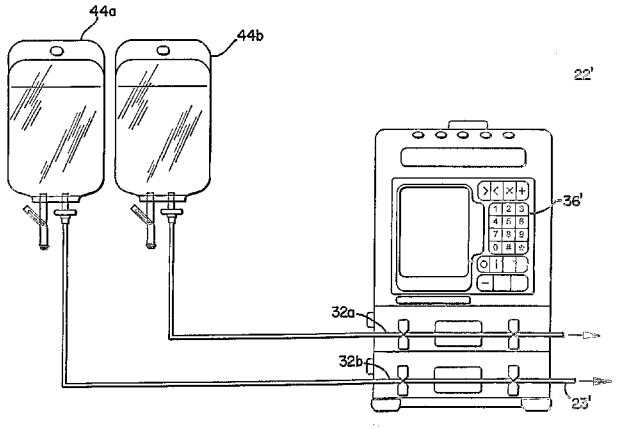
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(54) Title: METHOD AND APPARATUS TO PREVENT MEDICATION ERROR IN A NETWORKED INFUSION SYSTEM



(57) Abstract: Systems and methods are provided for preventing delivery of a nontherapeutic dose of medication to a patient and/or preventing medications from being administered to the patient that causes documented allergic or drug sensitivity reactions to the patient. The networked medication delivery system (20) includes an infusion device (22) programmable by the user with instructions for administering the medication, and a computing device (26) for determinining whether the programmed data would yield a clinically acceptable dose or the medication is in the list of documented medication that would cause an allergic or drug sensitivity reaction to the patient. The system may also include at least one monitor (24) for displaying at least a portion of the programmed data, and an alerting device (28) for notifying medical personnel when the inputted dosage data are determined to yield a clinically unacceptable dose or the medication is in the list of documented medications that would cause an allergic or drug sensitivity to the patient. The infusion device may be configured to become deactivated to prevent delivery of the medication, when the dose is outside the therapeutic range or to prevent mediation of documented allergic or drug sensitivity to a patient is delivered to the patient. Also included is a database (27) that may be remotely situated from the system (20) and accessed via a network (30).

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