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(54) Title: INFUSION PUMP AND INFUSION PUMP OPERATIONS

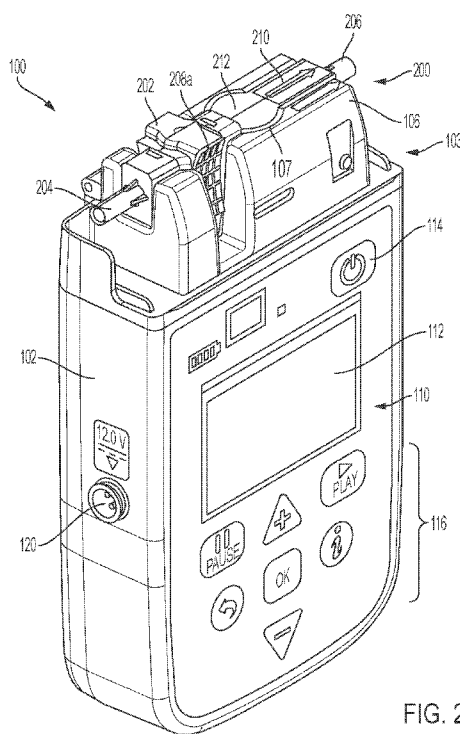


FIG. 2

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(57) Abstract: According to various aspects of the present application, embodiments of an infusion pump for administering medication to a patient are provided. According to one embodiment, the infusion pump automatically determines time intervals and associated rates of infusion of the medication, and automatically controls a pump engine to infuse the medication for the determined time intervals at the associated rates of infusion. According to another embodiment, the infusion pump determines whether an infusion set is configured to infuse medication into a patient at one site or at two sites. The infusion pump then controls the pump engine based on the determined configuration of the infusion set. According to another embodiment, the infusion pump automatically primes the infusion set for infusion of medication into a patient. According to another embodiment, the infusion pump automatically determines whether one or more needles have been placed on the patient correctly.

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