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(54) Title: MICROINFUSER WITH AUTOMATIC NEEDLE RETRACTION

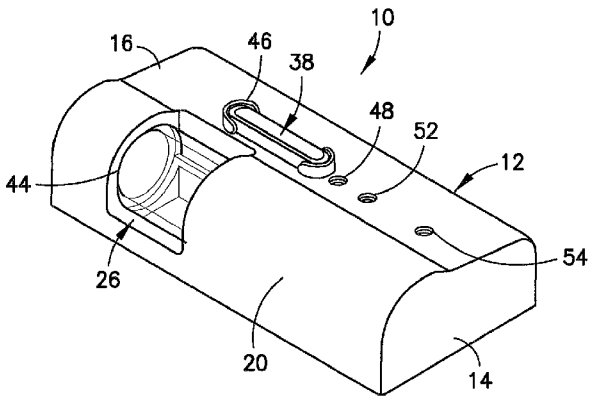


FIG. 1

(57) Abstract: A device (10) for delivering a fluid includes a housing (12) defining an interior space (22) and having a bottom surface (18) configured for contacting a patient. The bottom surface (18) defines a needle opening (56). The device (10)also includes a reservoir (26) disposed within the interior space (22) of the housing (12) for containing a fluid therein, a needle carrier (30) disposed within the housing (12), and an injection needle (28) supported by the needle carrier (30) and defining a lumen. The lumen of the injection needle (28) is configured to be placed in fluid communication with the reservoir (26). The injection needle (28) is transitionable from an initial position in which the injection needle is disposed within the housing (12), to a use position in which the injection needle extends through the needle opening (56), and a substantially shielded position in which the injection needle (28) is disposed within the housing (12) and the lumen of the needle (28) is blocked by a portion of the housing (12).

WO 2013/155153 A1