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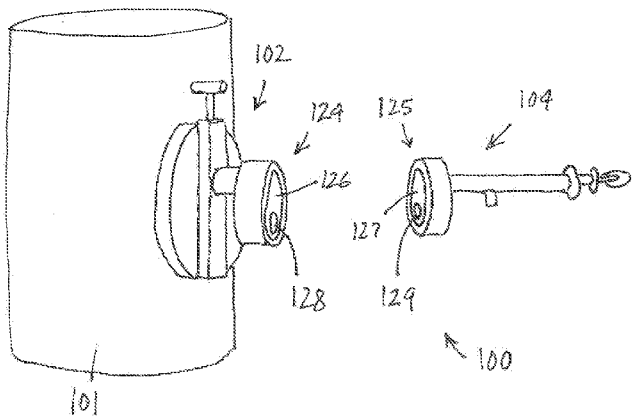


FIG. 1A

(57) Abstract: A fluid transfer system (100) includes a transfer device (104) and an interface device (102). The transfer device (104) includes a fluid transfer member (164) and a transfer coupling member (125) to align the fluid transfer member (164) with the interface device (102). The interface device (102) includes a reservoir port (108), a fluid transfer member receptacle (144), an interface coupling member (124), and a reservoir valve (110). The interface coupling member (124) is configured to close the fluid transfer member receptacle (144) and to couple to the transfer coupling member (125) and open the fluid transfer member receptacle (144) to receive the fluid transfer member (164). The reservoir valve (110), e.g., a sliding seal, is configured to close the reservoir port (108) from the fluid transfer member receptacle (144) and to open the reservoir port (108) to the fluid transfer member (164) when the fluid transfer member (164) is positioned in the fluid transfer member receptacle (144). The fluid transfer member (164) can include a plunger assembly configured to open and close the reservoir port (108).

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