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(54) Title: METHOD INVOLVING A NEEDLE-BASED DEVICE WITH A SAFETY MECHANISM IMPLEMENTED THEREIN

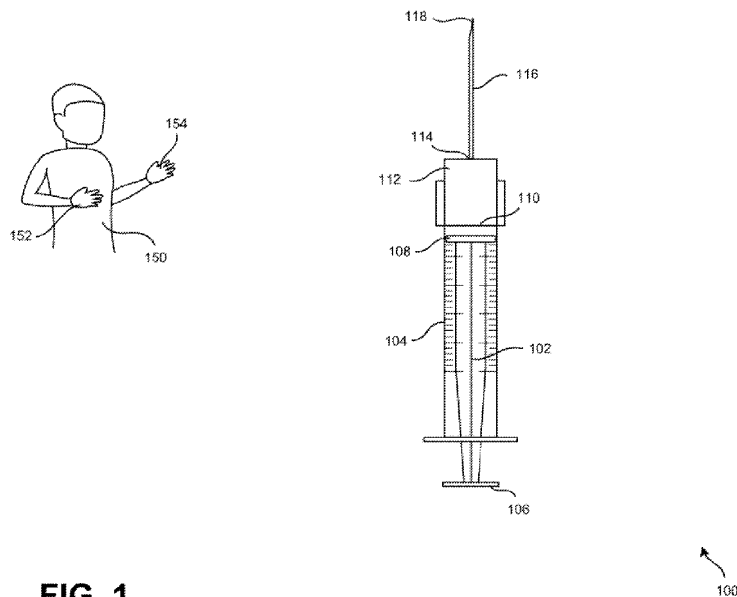


FIG. 1

(57) Abstract: A method includes protecting an entire length of a needle of a needle-based device in a first state of disuse thereof with a needle cap, encompassing, by a needle shield, the entire length of the needle and at least a partial length of the needle cap in the first state of disuse, and encompassing an entire protruding length of the needle cap outside the needle shield within a safety cap and securing the safety cap onto an outer surface of the needle shield such that the needle and the needle cap are completely protected and covered during the first state of disuse. Following removing the safety cap along with the needle cap from the needle shield, the method also includes retracting the needle shield to cause the needle to emerge out of the needle shield to prepare the needle-based device for a second state of use thereof.

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