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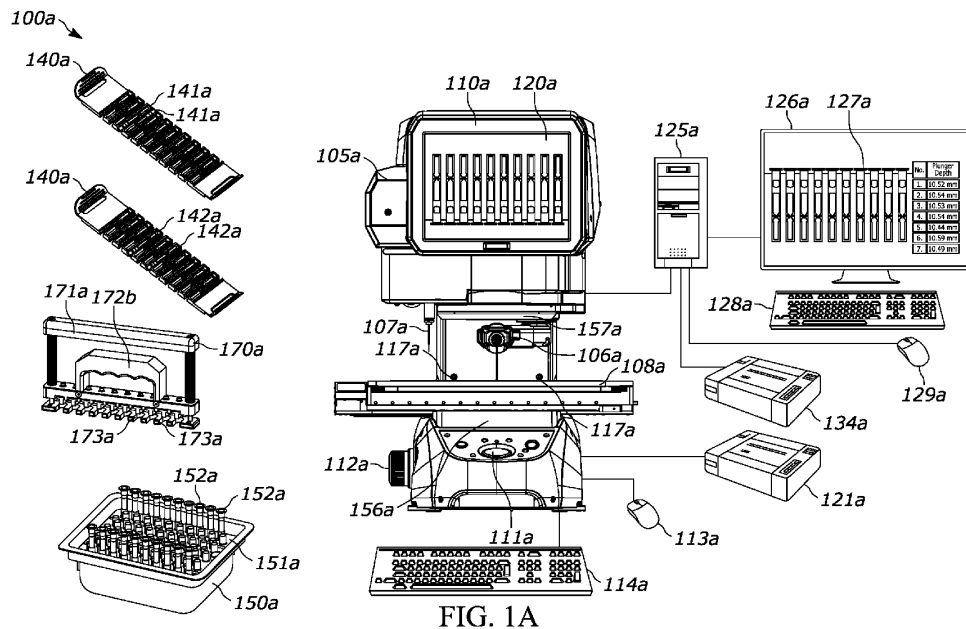


FIG. 1A

(57) **Abstract:** Automatic syringe quality control systems, apparatus and methods are provided. The automatic syringe quality control systems, apparatus and methods may determine a plunger depth within a syringe that has been pre-filled with a medication. The plunger depth may be based on digital image data.

[Continued on next page]

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