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(54) Title: METHODS, SYSTEMS, AND DEVICES FOR PREPARING A BIOLOGICAL TESTING SAMPLE

(57) Abstract: A device for preparing a biological testing sample. The device includes a diluent container including: (i) a diluent chamber comprising a liquid diluent and configured to receive a biological sample; (ii) a receiving portion in fluid communication with the diluent chamber; and (iii) a first sealant surface proximate to the receiving portion. The device additionally includes: (i) a reagent container including (i) a reagent chamber comprising a reagent; (ii) a dispensing nozzle in fluid communication with the reagent chamber, and including a break-away tab covering an opening of the dispensing nozzle; (iii) an insertion portion in fluid communication with the reagent chamber, and configured to interface with the receiving portion of the diluent chamber; and (iv) a second sealant surface, proximate to the insertion portion, wherein the first sealant surface and the second sealant surface form a liquid seal.

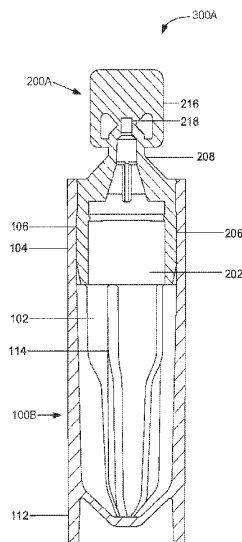


FIG. 3A

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