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(54) **Title**: DEVICE AND METHOD TO ACCURATELY AND EASILY ASSEMBLE GLASS SLIDES

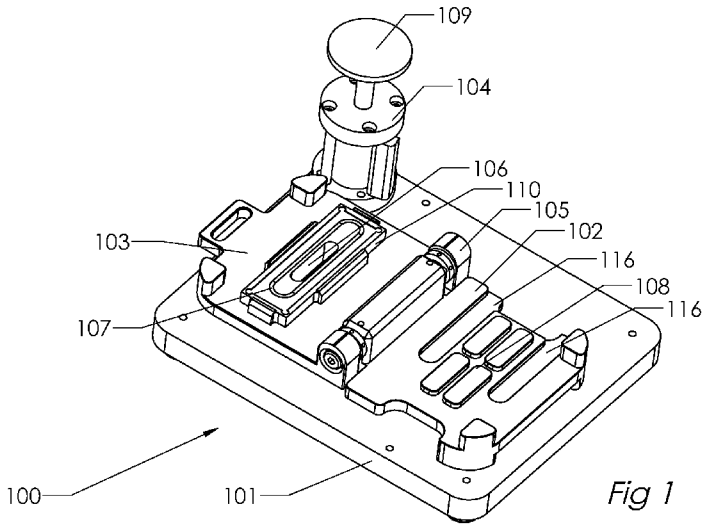


Fig 1

(57) **Abstract**: Embodiments provide a slide assembly device having a static tooling base which is statically and solidly affixed to a base such as a table and a moveable tooling arm that is rotatable about a hinge connected to the static tooling base, so that moveable tooling arm rotates about the hinge in a manner similar to a book cover opening and closing. The embodiments further provide an upper slide chuck that is removably attachable to the moveable tooling arm and a lower slide receiver that is removably attachable to the static tooling base. The upper slide chuck is configured to hold an experimental slide via a vacuum mechanism to engagedly hold the experimental slide to the upper slide chuck while the moveable tooling arm is rotated about the hinge from an open-book position to a closed-book position.

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