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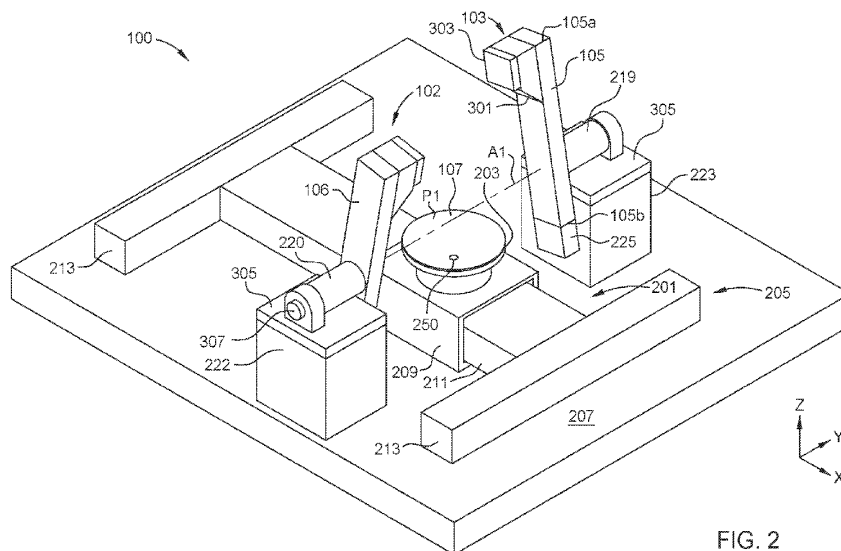


FIG. 2

(57) Abstract: The present disclosure relates to metrology measurement assemblies, and related methods. In one or more embodiments a laser arm assembly includes a laser arm. The laser arm includes a motor mount disposed between a laser end of the laser arm and a second end of the laser arm, the motor mount defining an axis of rotation. The laser arm assembly also includes an optical unit coupled to the laser end of the arm. The optical unit includes a light source, directed towards the axis of rotation. The laser arm assembly also includes a weight disposed on the second end of the arm, and a motor coupled to the motor mount of the arm. The motor includes a brake, a laser motor axis coaxial with the axis of rotation, and an encoder.

[Continued on next page]

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