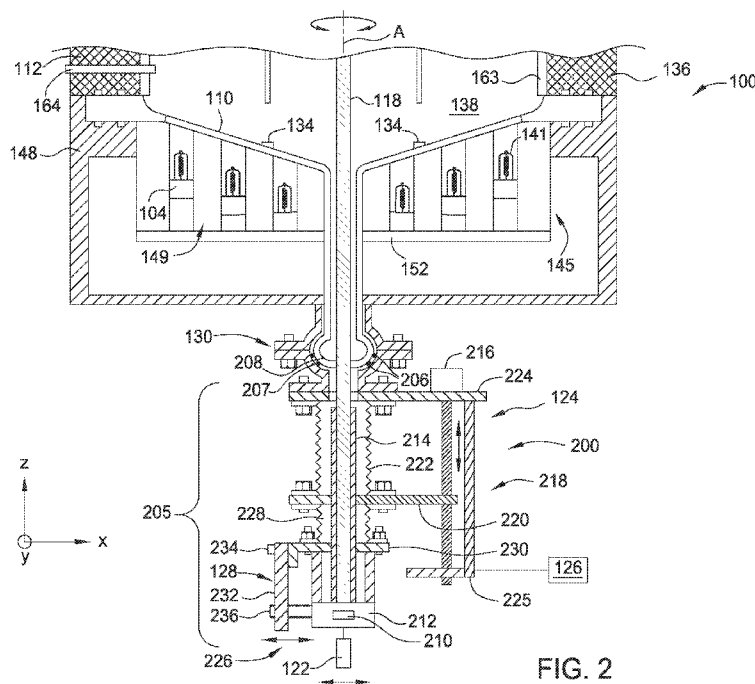




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(54) Title: APPARATUS AND METHODS FOR ALIGNMENT OF A SUSCEPTOR



(57) Abstract: The embodiments described herein generally relate to a stem assembly for coupling a susceptor to a process chamber. The stem assembly includes a pivot mechanism, a first flexible seal coupled to the pivot mechanism, a second flexible seal coupled to a plate on a first side of the plate, the plate having a second side coupled to the first flexible seal, a housing coupled to the second flexible seal, and a motion assembly adapted to move the housing in an X axis and a Y axis, and position the susceptor angularly relative to an X-Y plane of the process chamber.

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