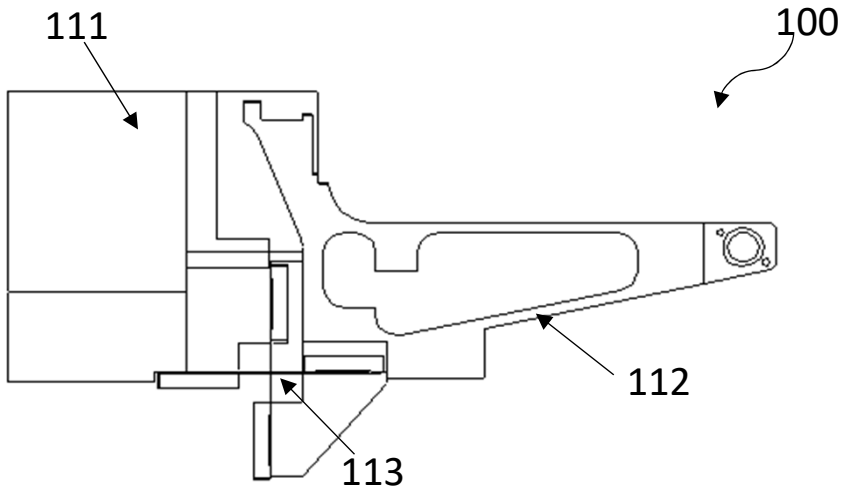


FIG. 1A

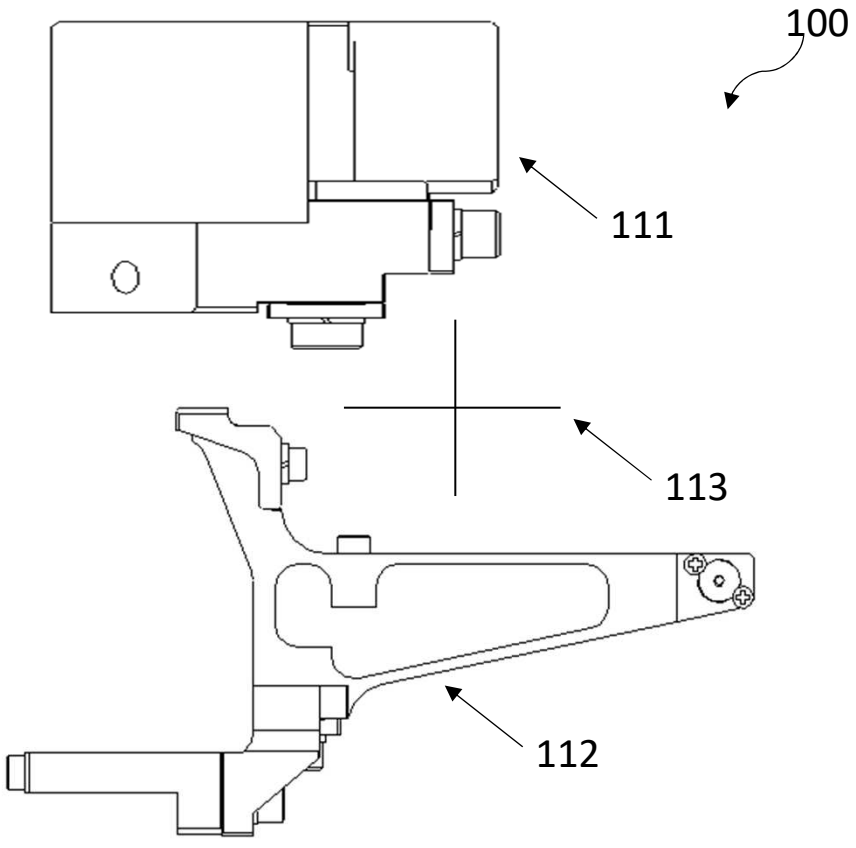


FIG. 1B

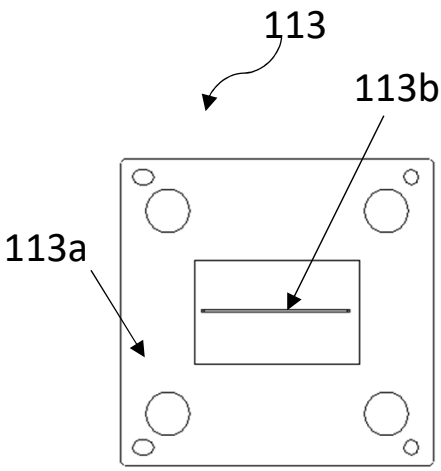


FIG. 2A

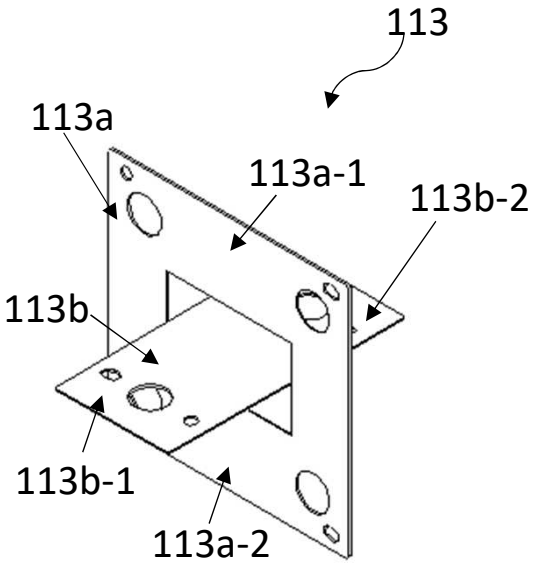


FIG. 2B

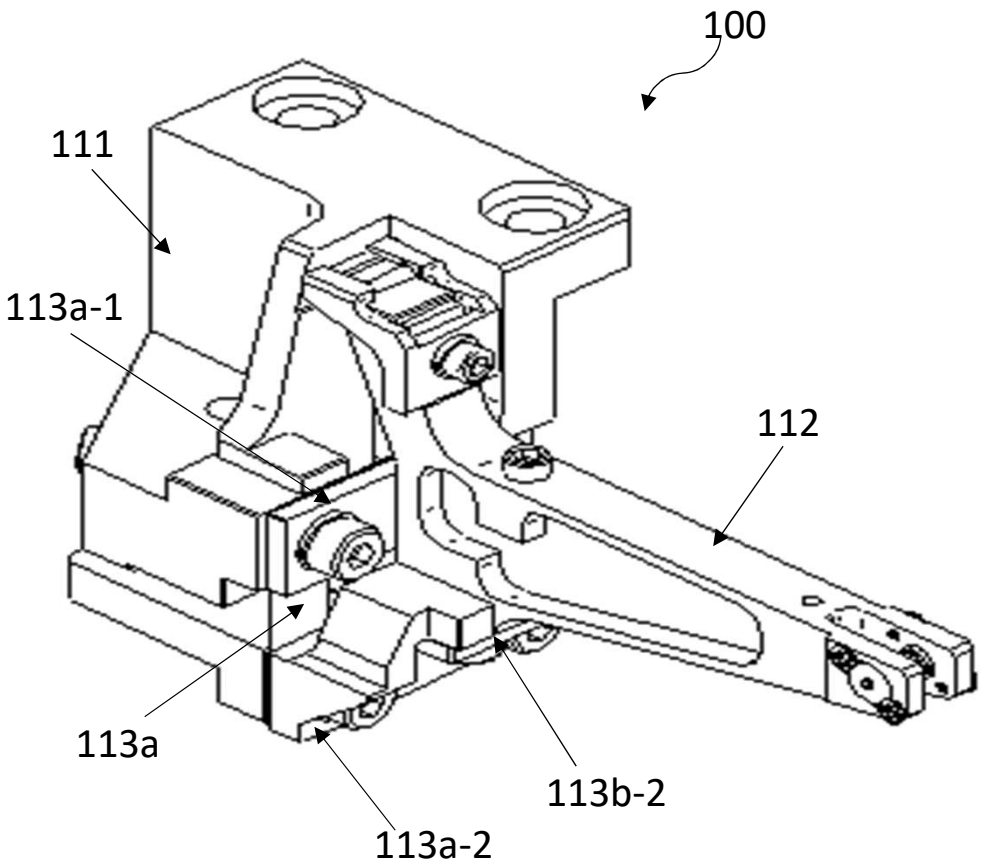


FIG. 2C

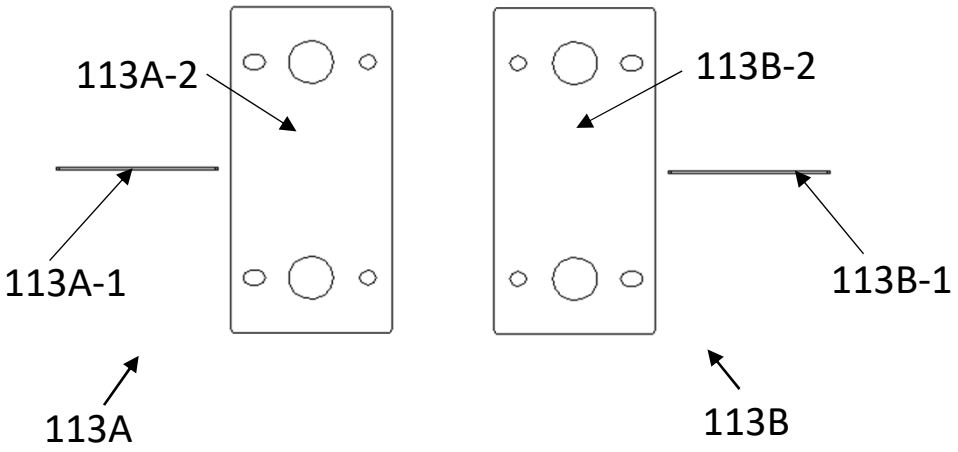

113A-2
113B-2
113A-1
113B-1
113A
113B

FIG. 3A

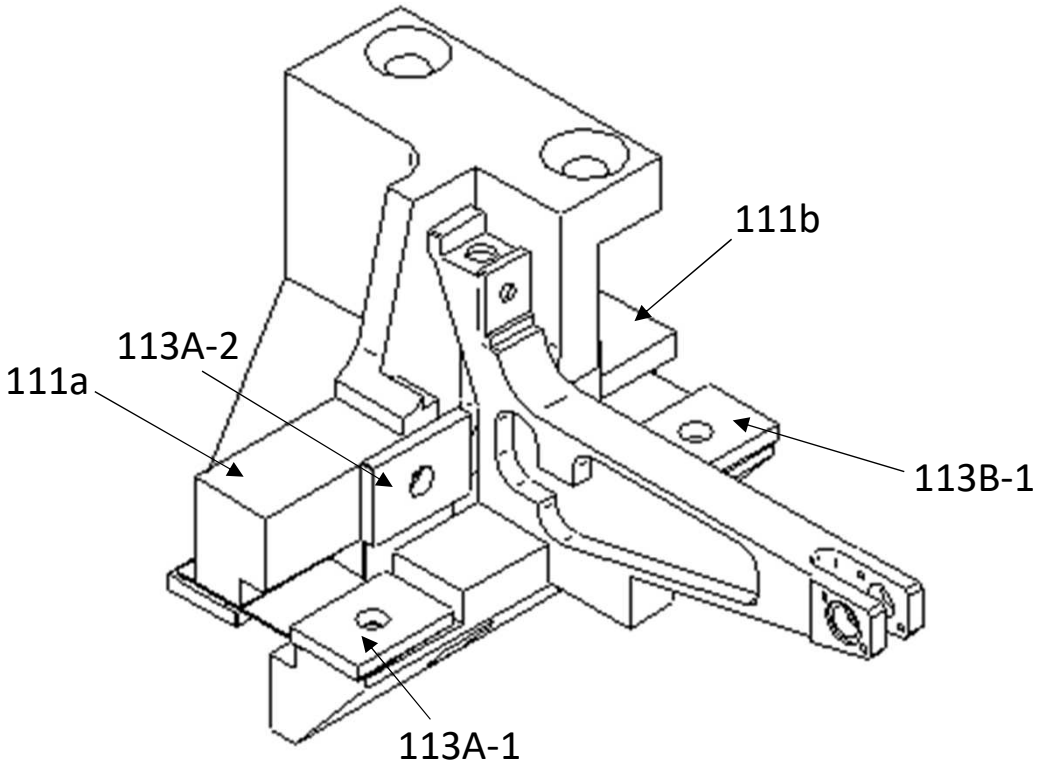

111b
113A-2
111a
113B-1
113A-1

FIG. 3B

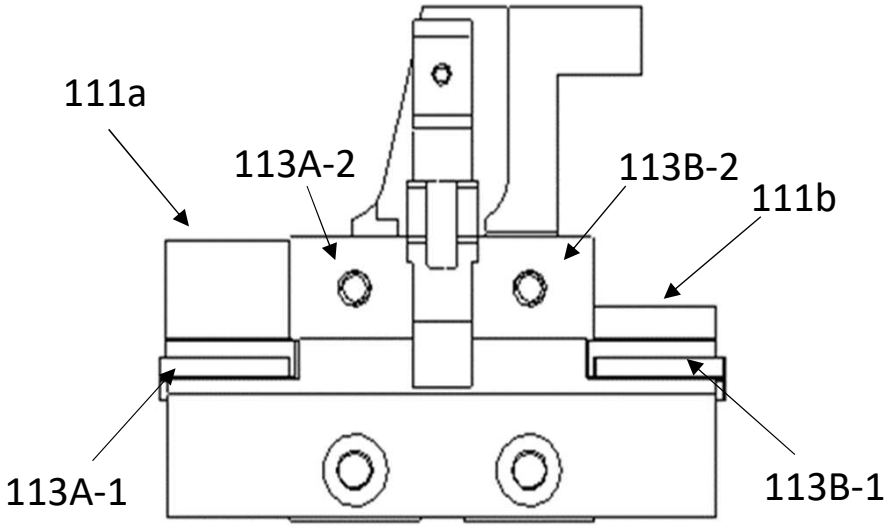

111a
113A-2
113B-2
111b
113A-1
113B-1

FIG. 3C

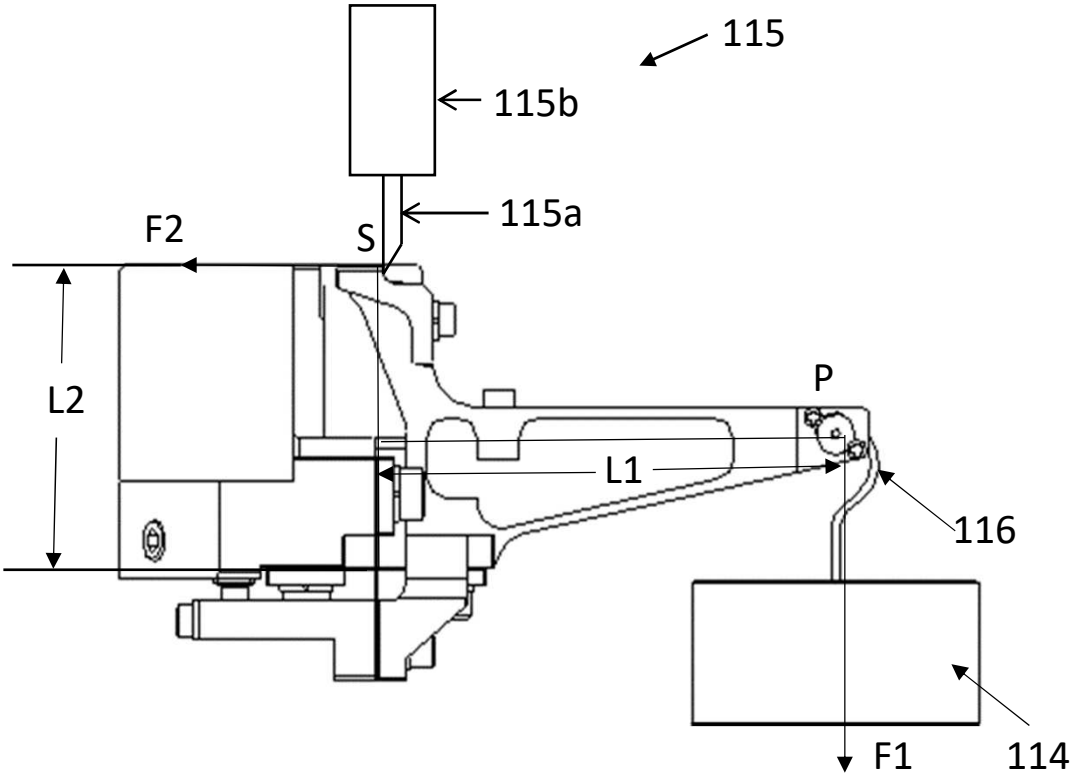

115
115b
115a
F2
S
L2
P
L1
116
F1
114

FIG. 4

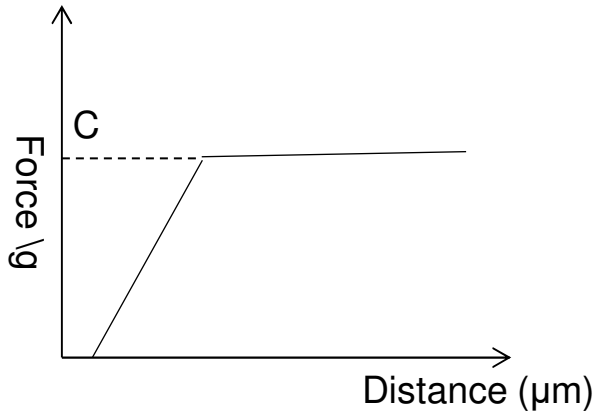

C
Force \g
Distance (μm)

FIG. 5

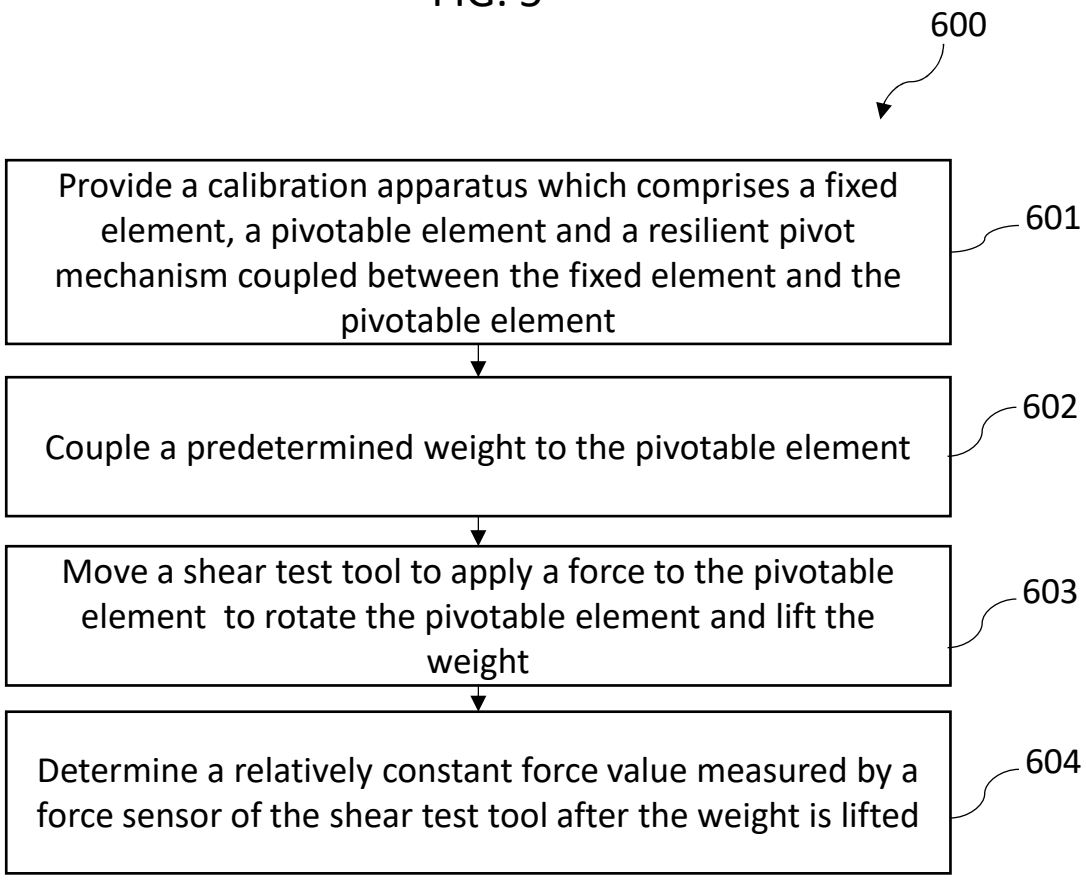

600
Provide a calibration apparatus which comprises a fixed element, a pivotable element and a resilient pivot mechanism coupled between the fixed element and the pivotable element
601
Couple a predetermined weight to the pivotable element
602
Move a shear test tool to apply a force to the pivotable element to rotate the pivotable element and lift the weight
603
Determine a relatively constant force value measured by a force sensor of the shear test tool after the weight is lifted
604

FIG. 6