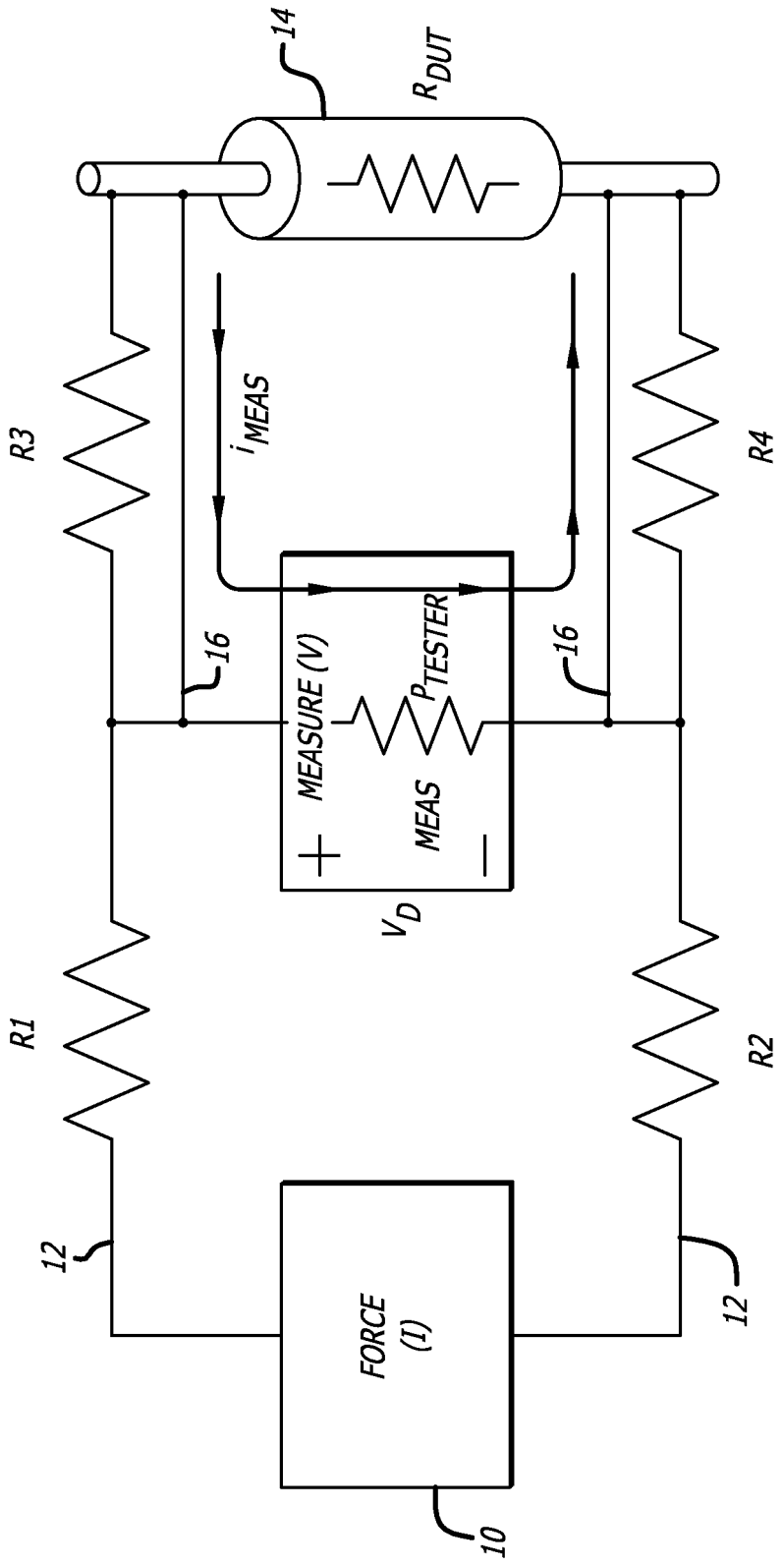

14
R_{DUT}
R3
i_{MEAS}
R4
16
16
MEASURE (V)
P_{TESTER}
MEAS
+
−
V_D
R1
R2
12
12
FORCE
(I)
10

FIG. 1

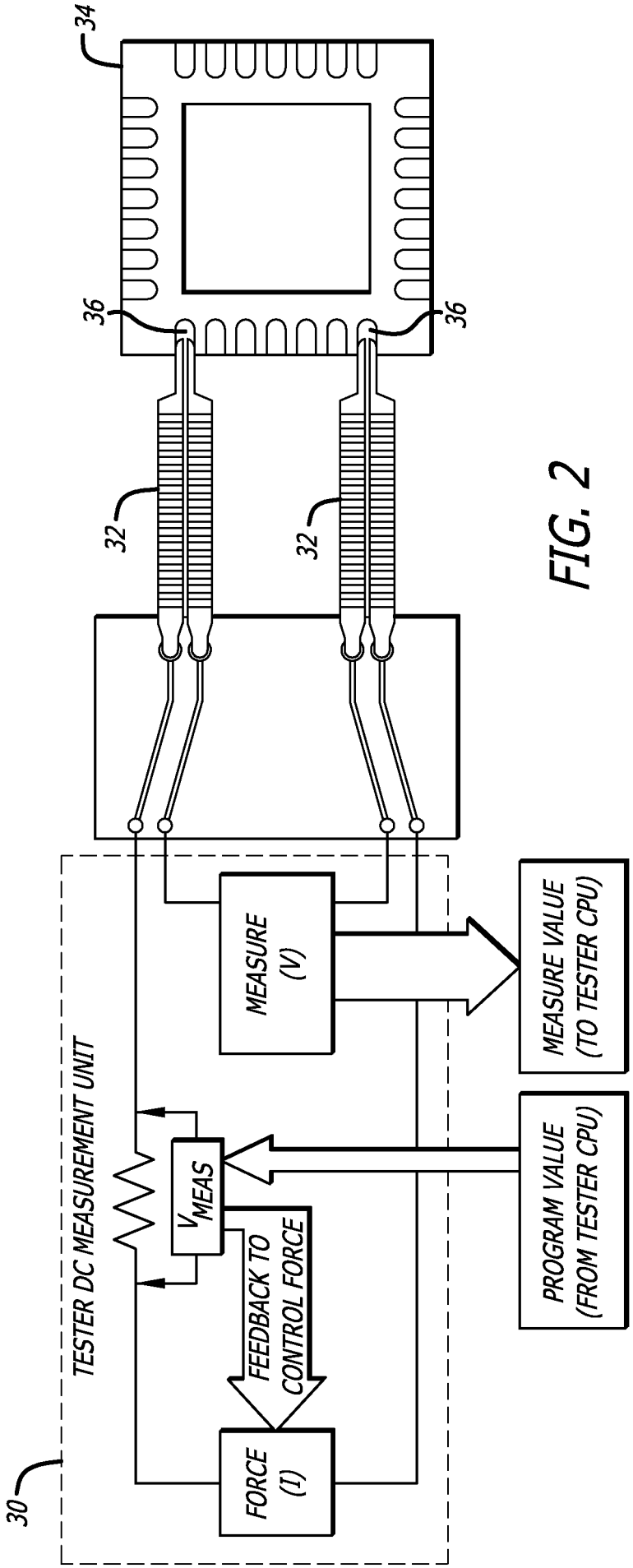

34
36
36
32
32
TESTER DC MEASUREMENT UNIT
MEASURE (V)
MEASURE VALUE (TO TESTER CPU)
V_{MEAS}
PROGRAM VALUE (FROM TESTER CPU)
FEEDBACK TO CONTROL FORCE
FORCE (I)
30

FIG. 2

FIG. 3

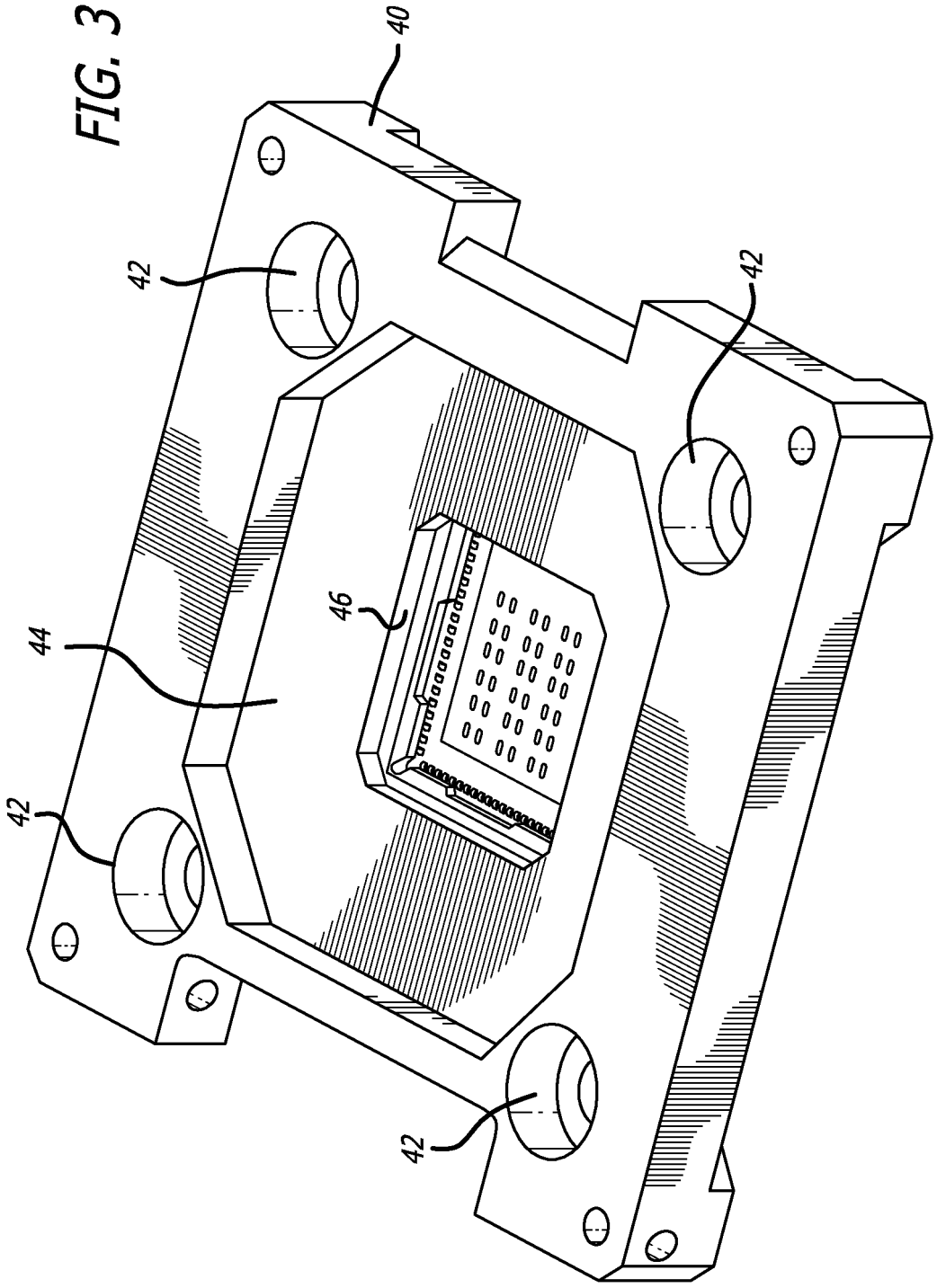
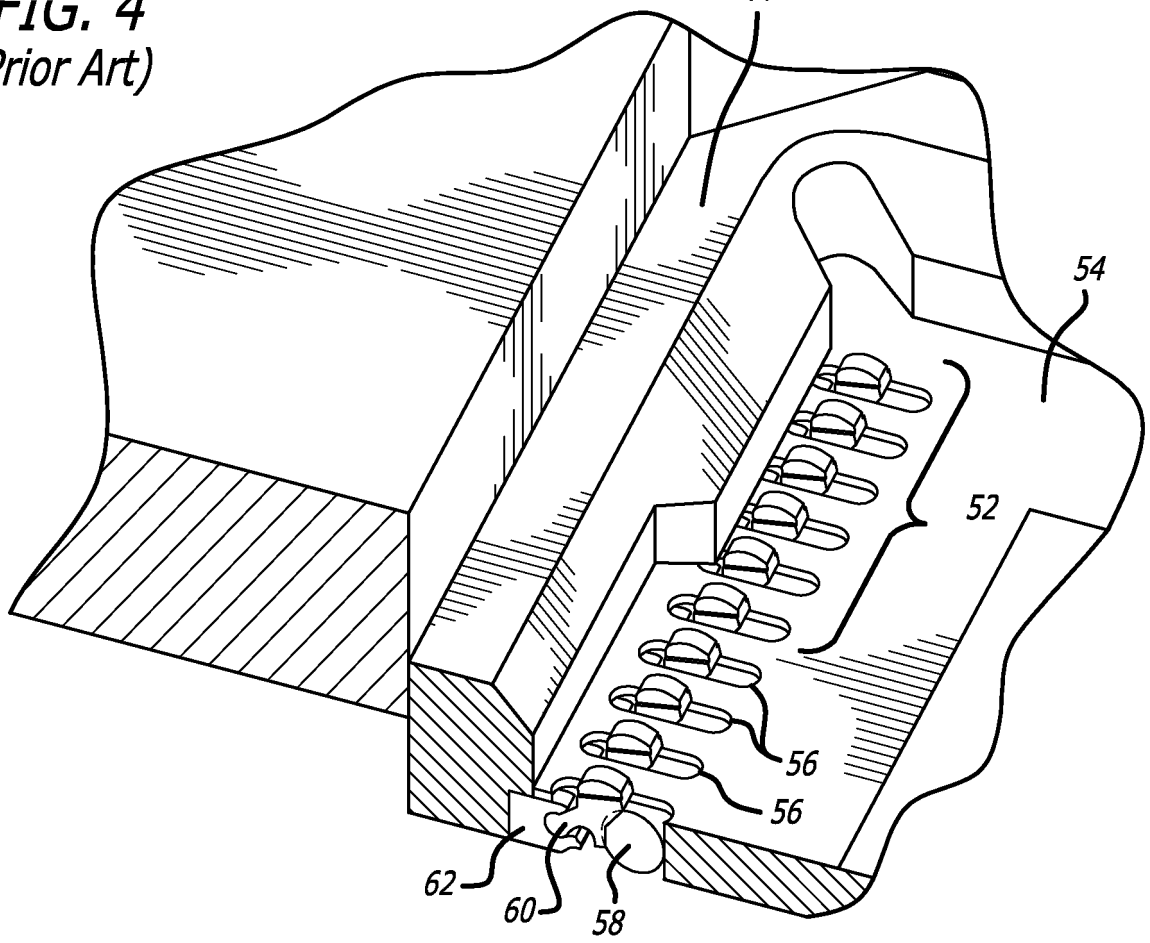


FIG. 4
(Prior Art)



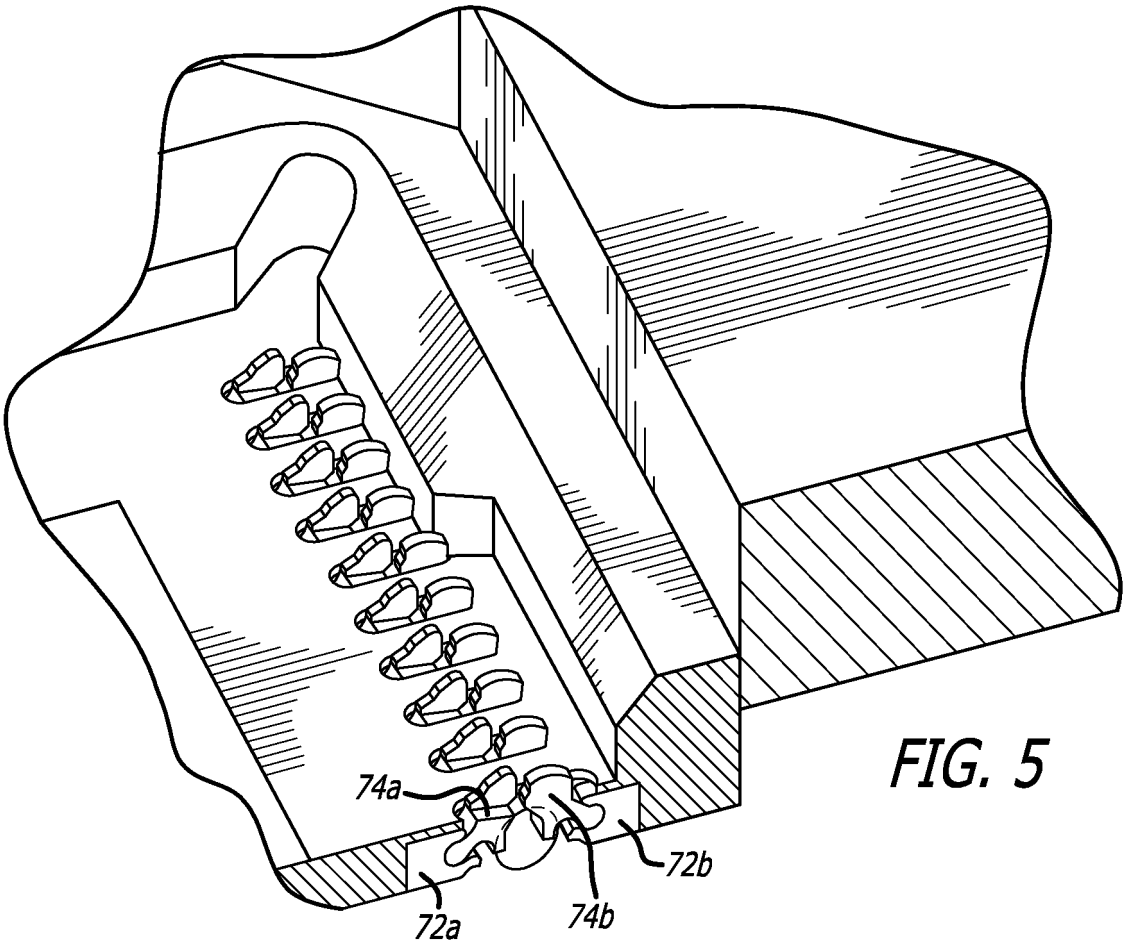


FIG. 5

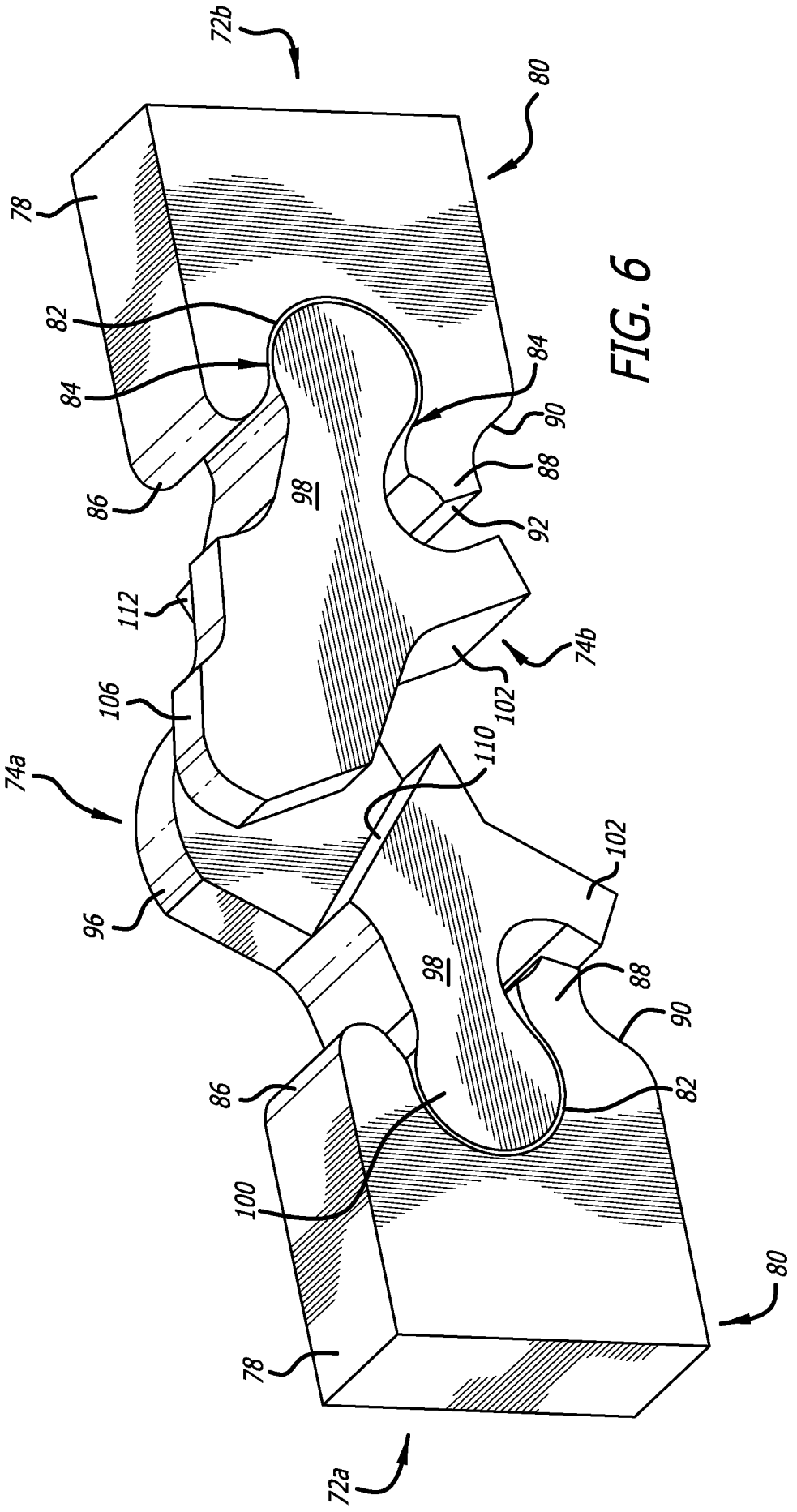

72b
80
78
82
84
84
86
98
88
90
92
112
74b
106
102
110
74a
102
96
98
88
90
86
82
100
80
78
72a

FIG. 6

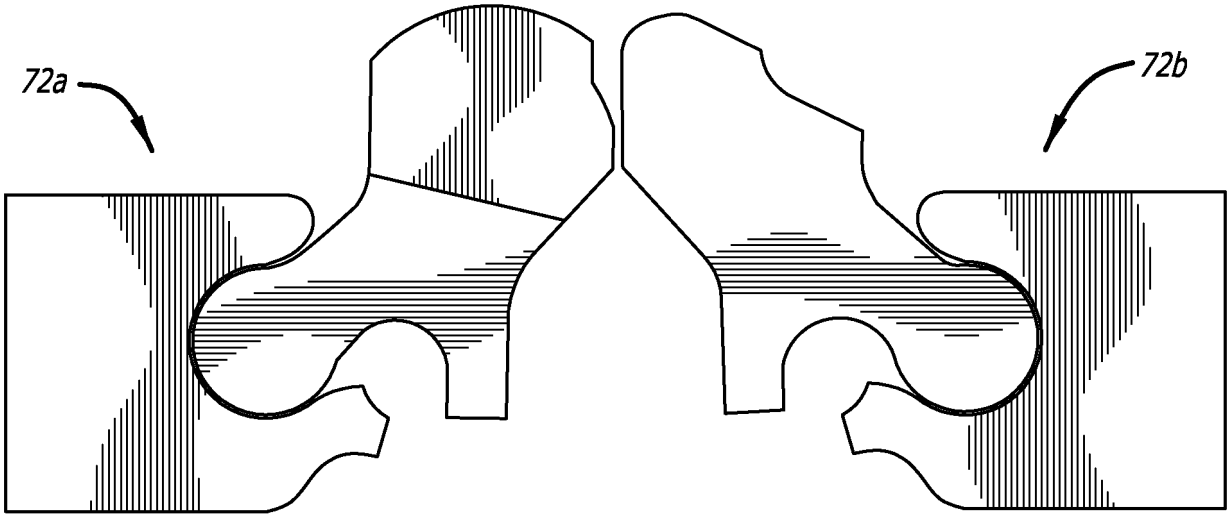


FIG. 7

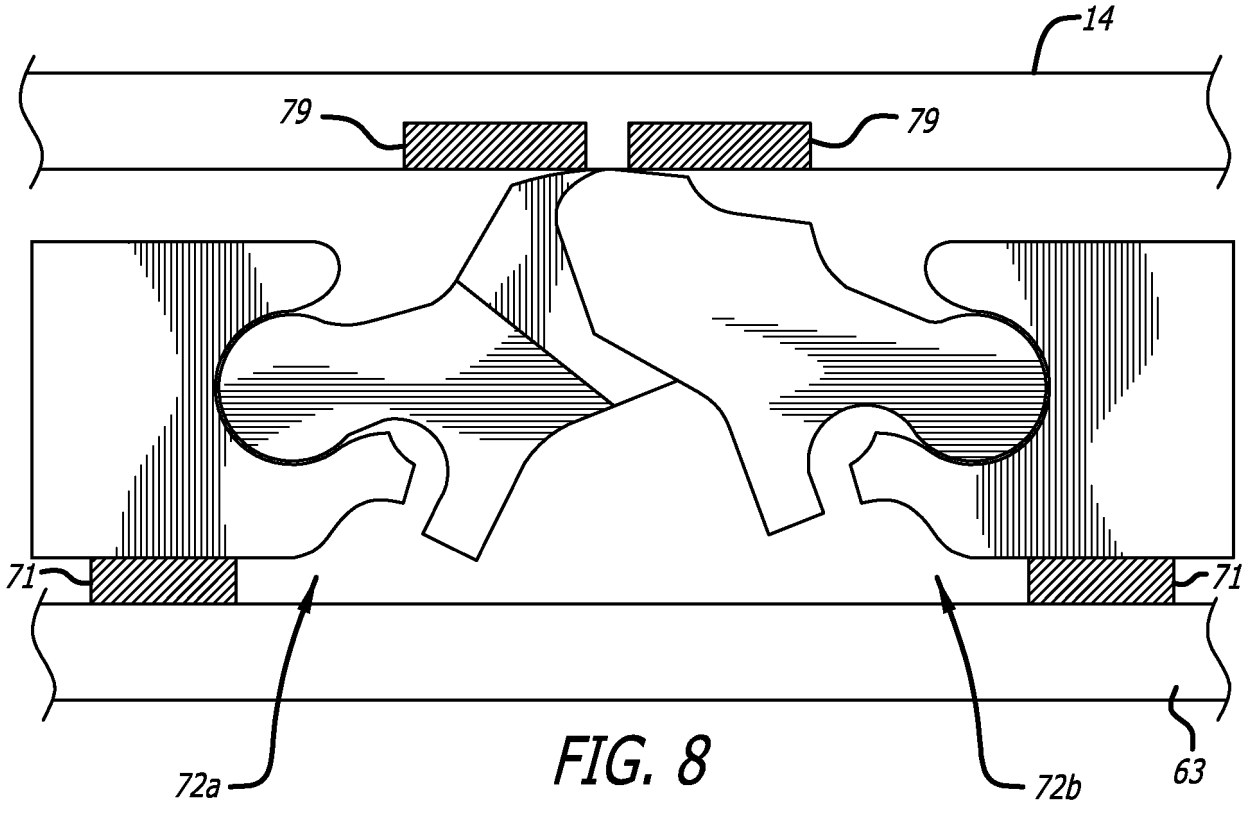


FIG. 8

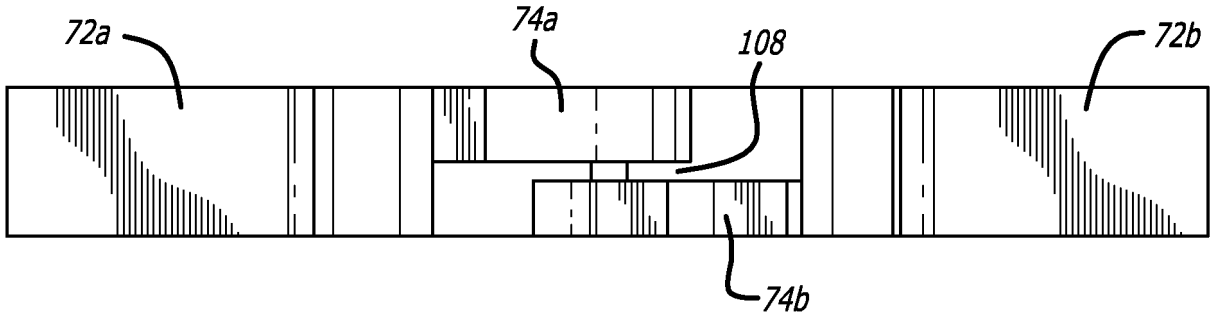


FIG. 9