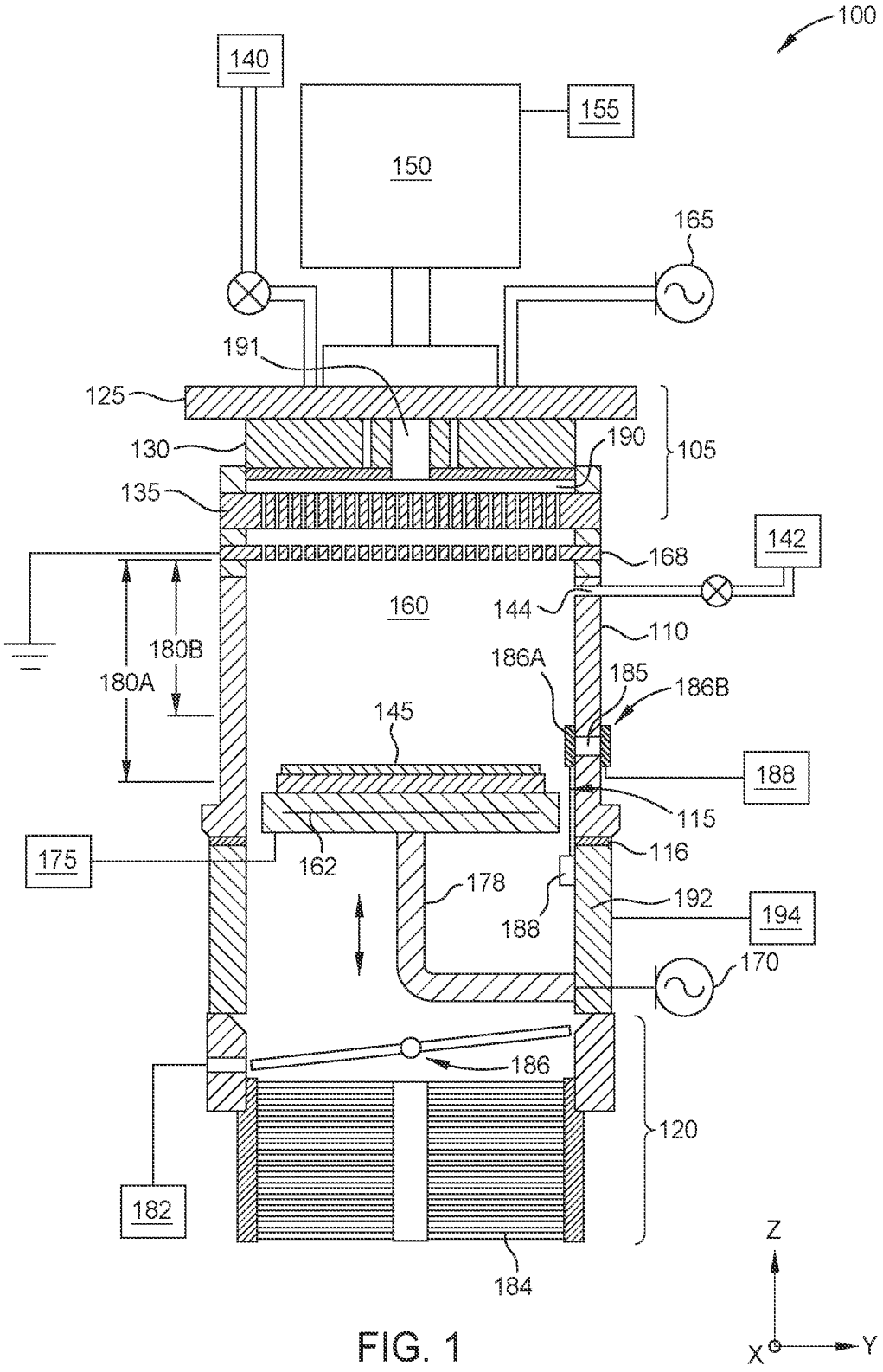

100
140
155
150
165
191
125
130
190
105
135
142
168
160
144
110
180B
180A
186A
185
186B
145
188
115
175
162
116
178
192
194
188
170
186
120
182
184
Z
X
Y

FIG. 1

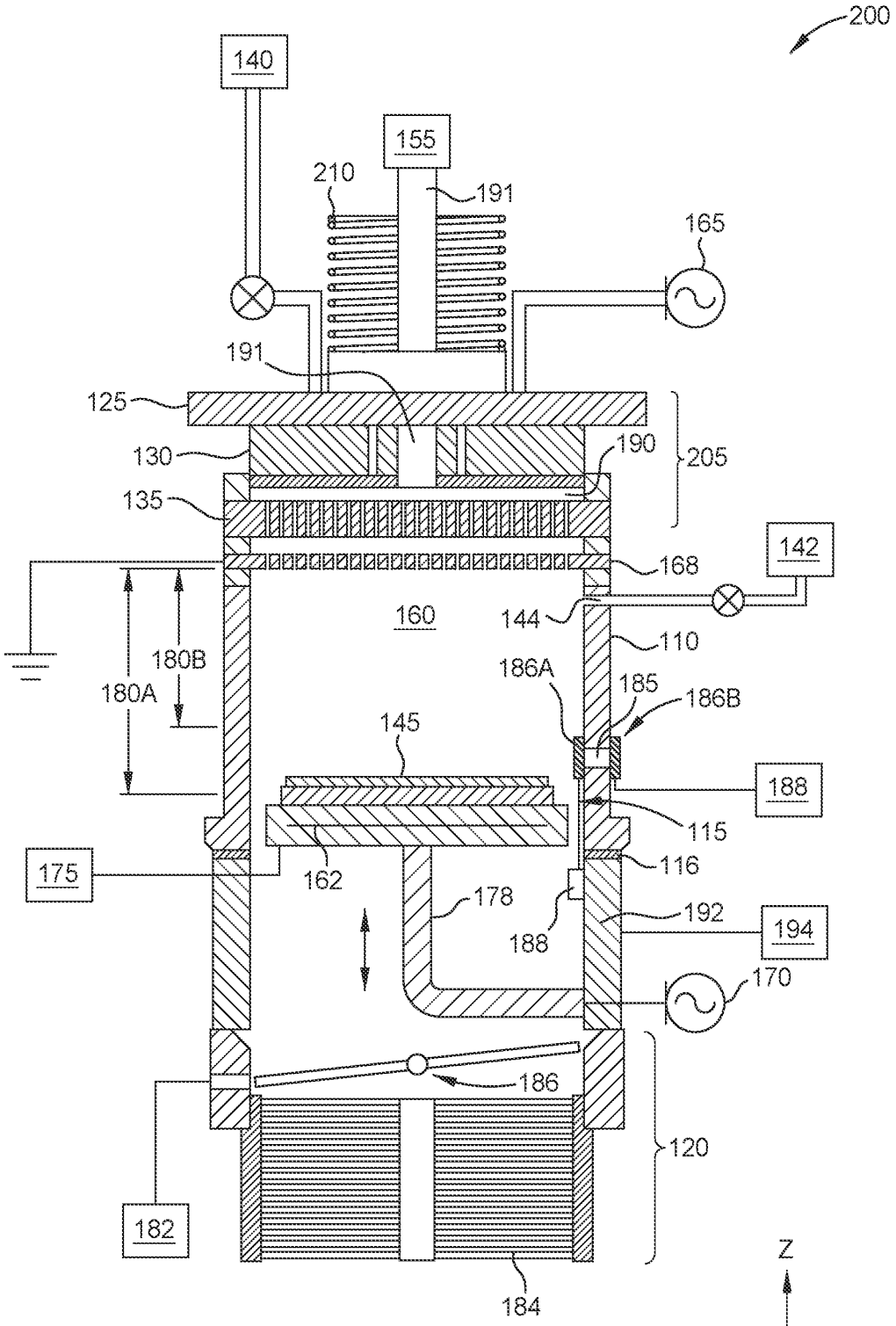

200
140
155
210
191
165
191
125
130
190
205
135
142
168
160
144
110
180B
180A
186A
185
186B
145
188
115
175
162
116
178
192
194
188
170
186
120
182
184
Z
X
Y

FIG. 2

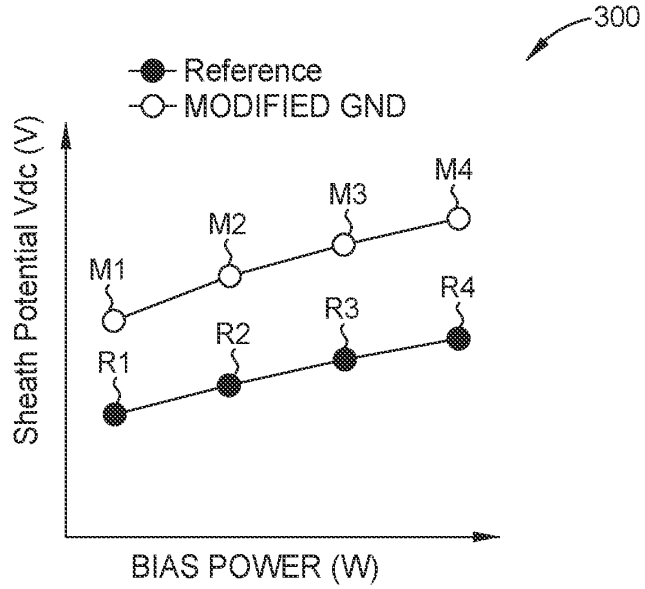

300
Reference
MODIFIED GND
Sheath Potential Vdc (V)
M1
M2
M3
M4
R1
R2
R3
R4
BIAS POWER (W)

FIG. 3

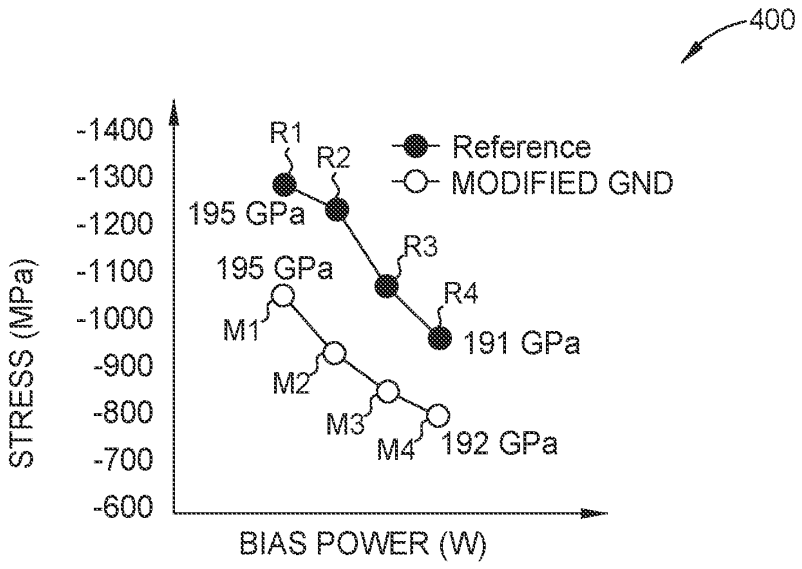

400
STRESS (MPa)
-1400
-1300
-1200
-1100
-1000
-900
-800
-700
-600
R1
R2
Reference
MODIFIED GND
195 GPa
195 GPa
R3
R4
191 GPa
M1
M2
M3
M4
192 GPa
BIAS POWER (W)

FIG. 4