FIG. 1

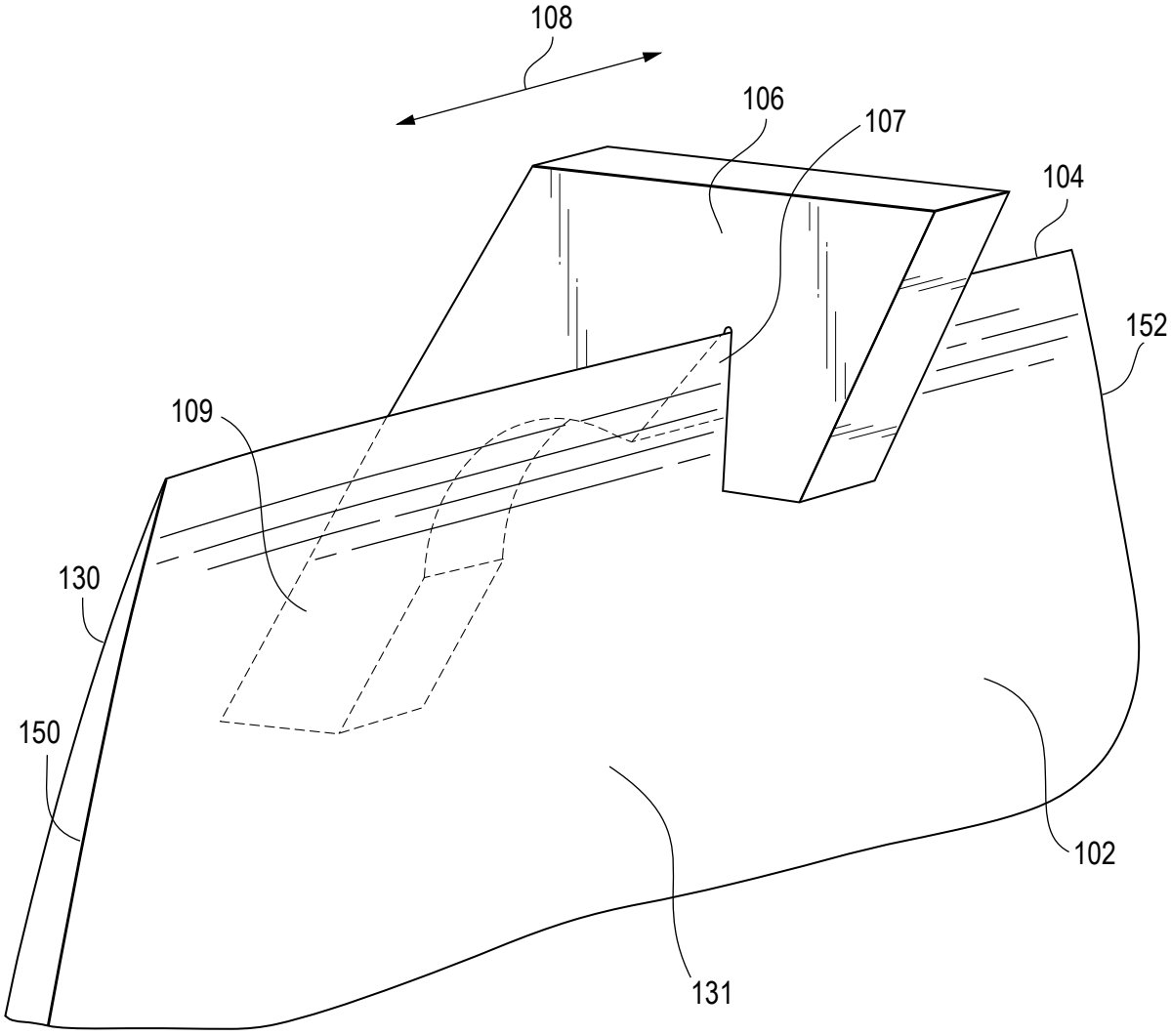


FIG. 2

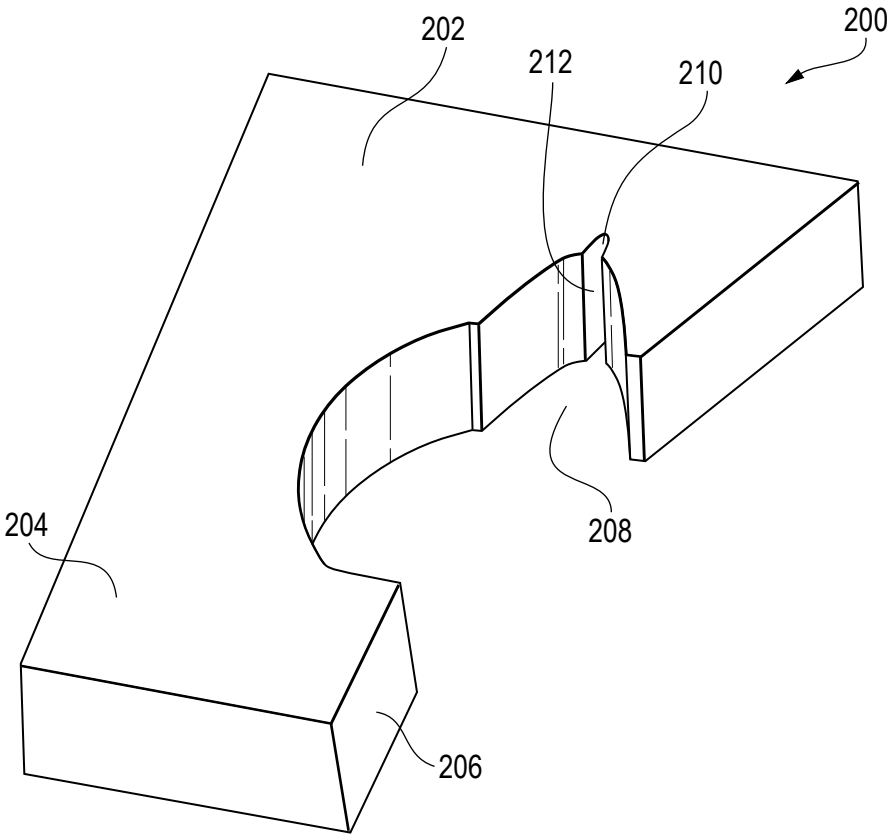


FIG. 3

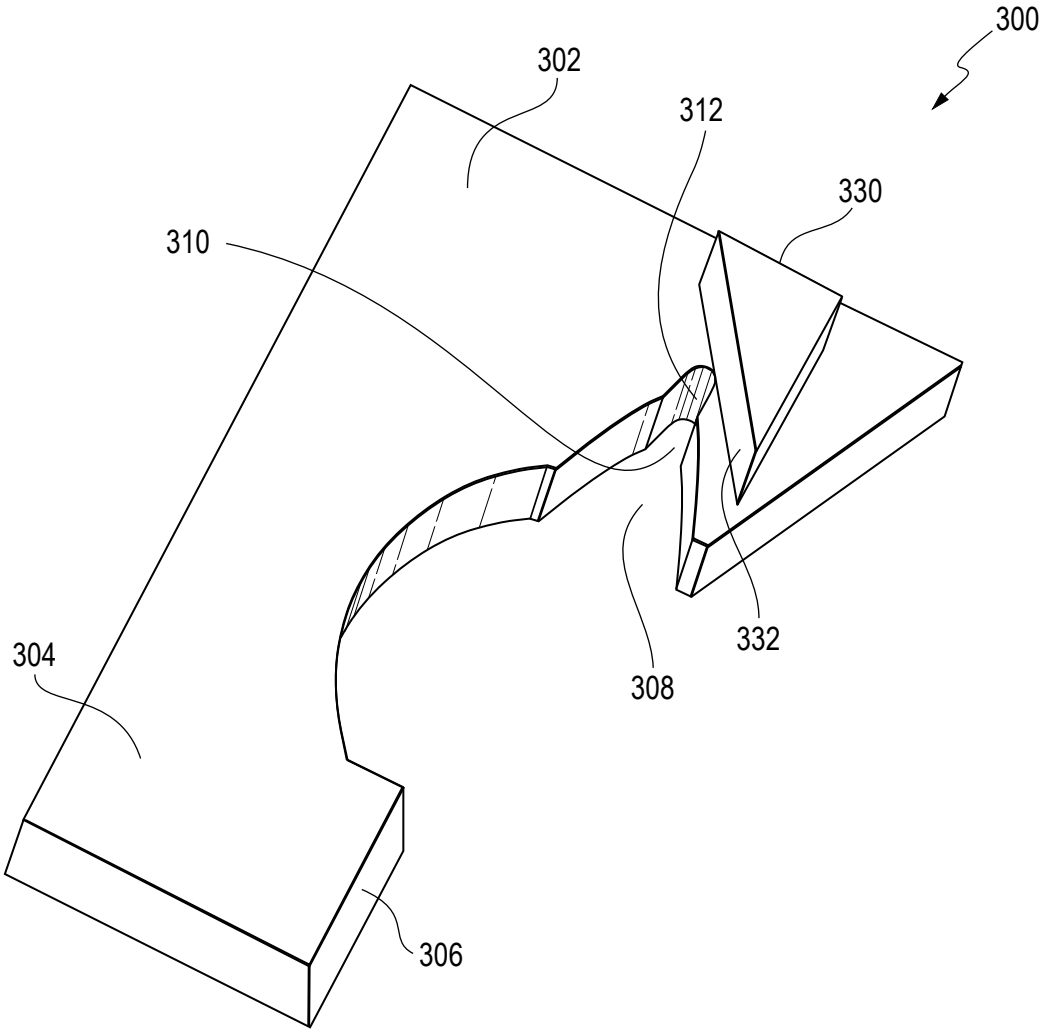


FIG. 4

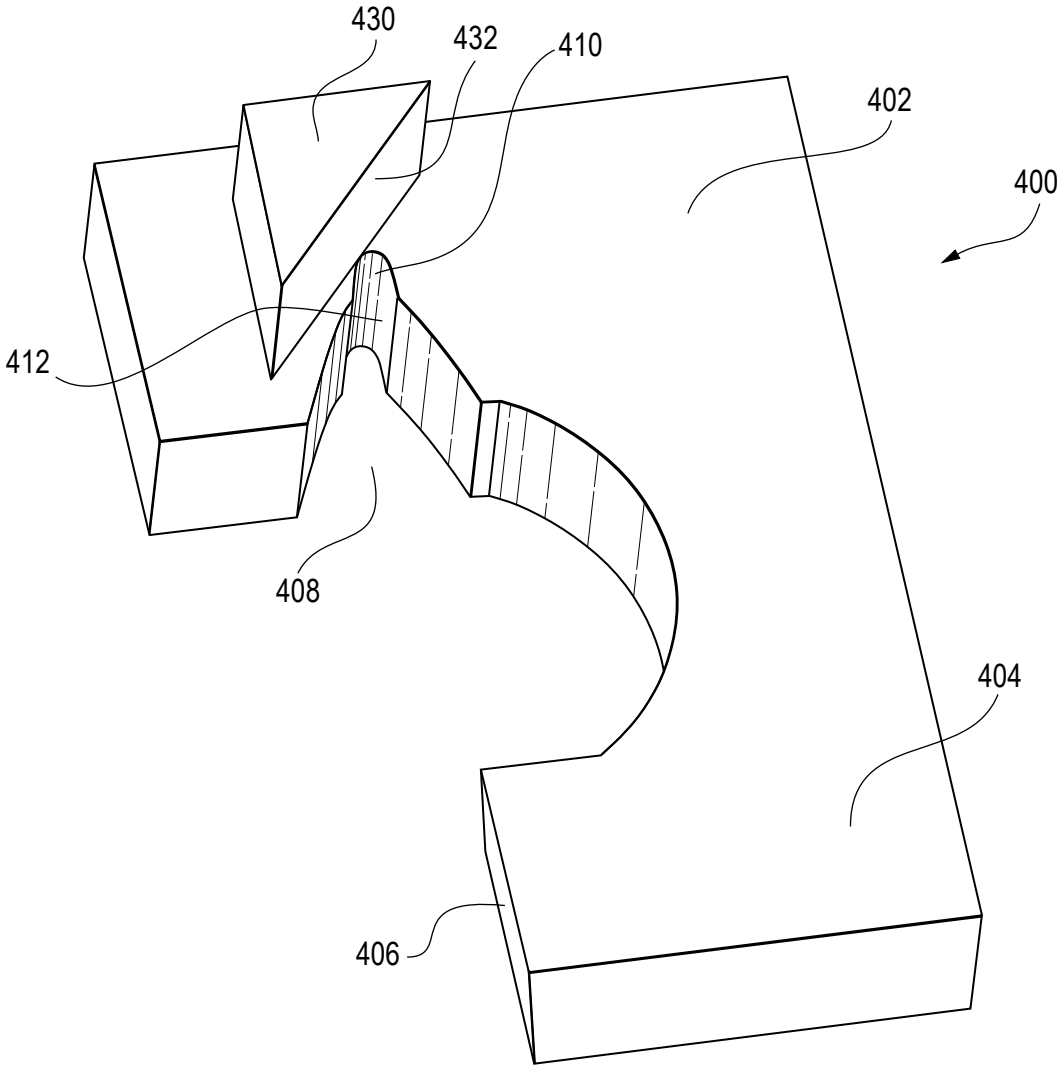


FIG. 5

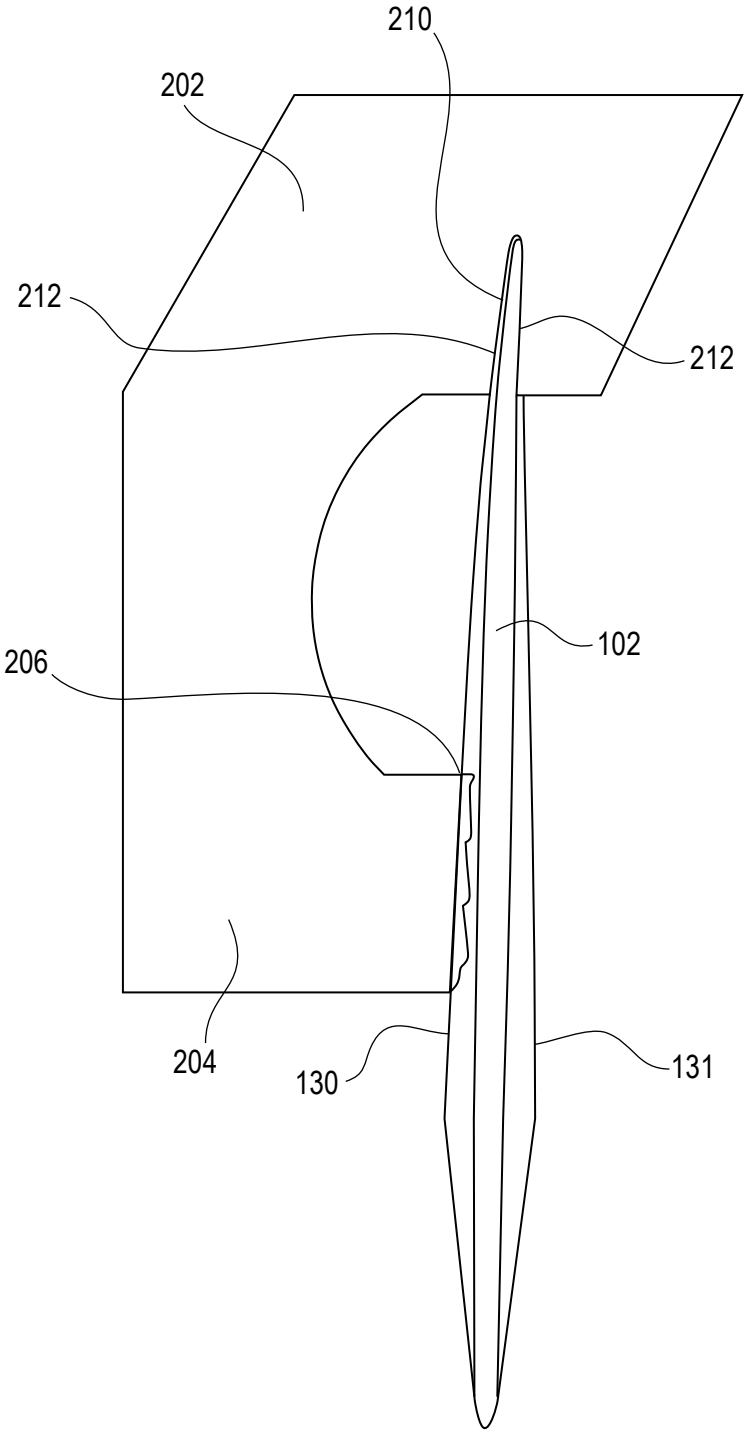


FIG. 6A

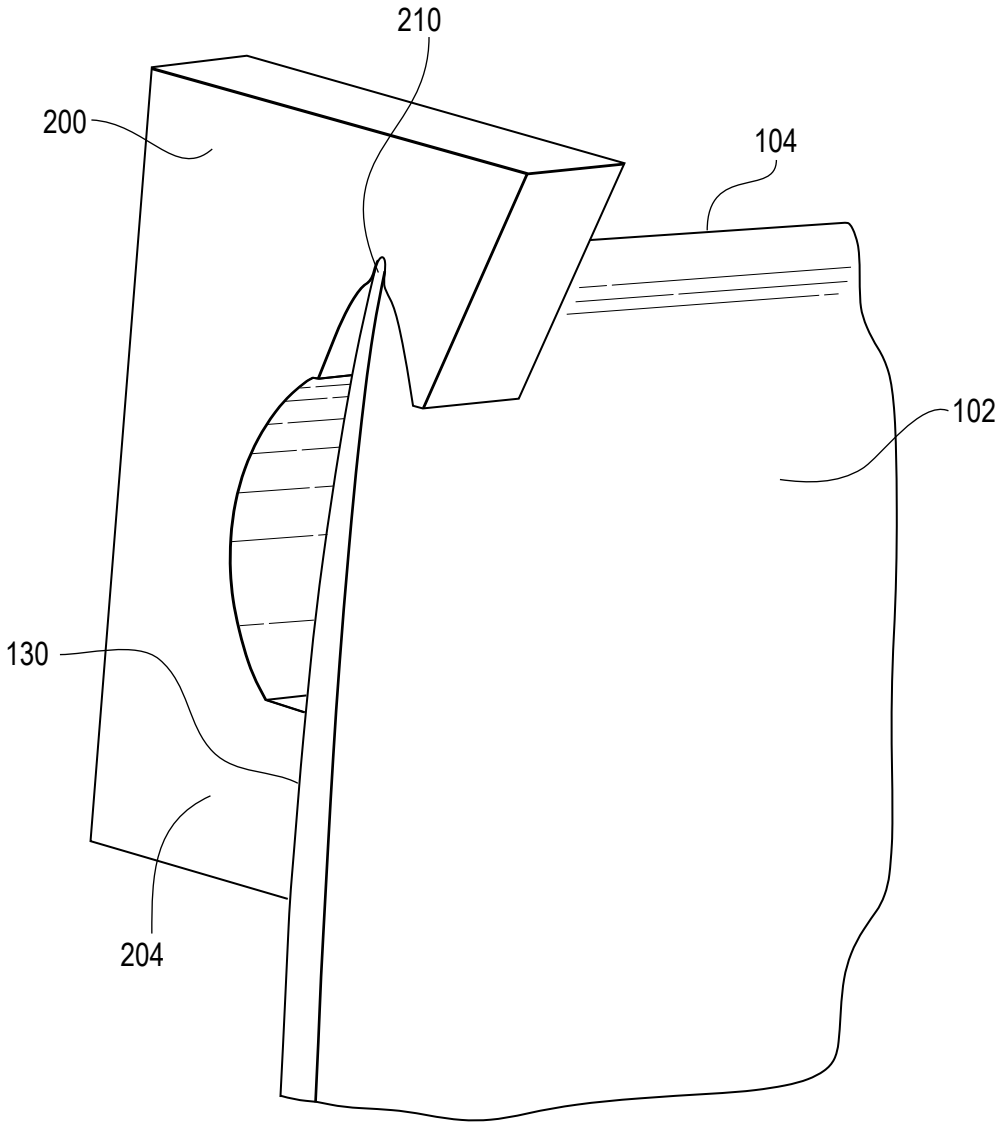


FIG. 6B

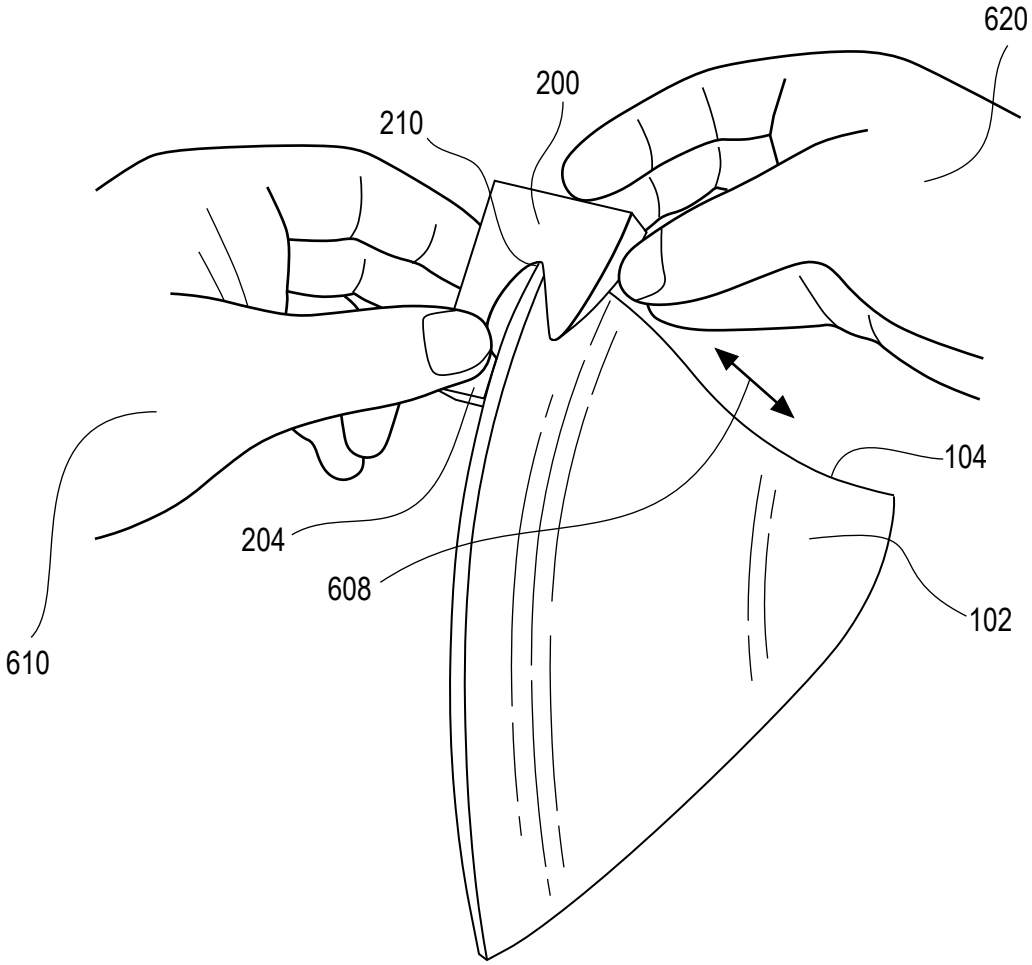


FIG. 7

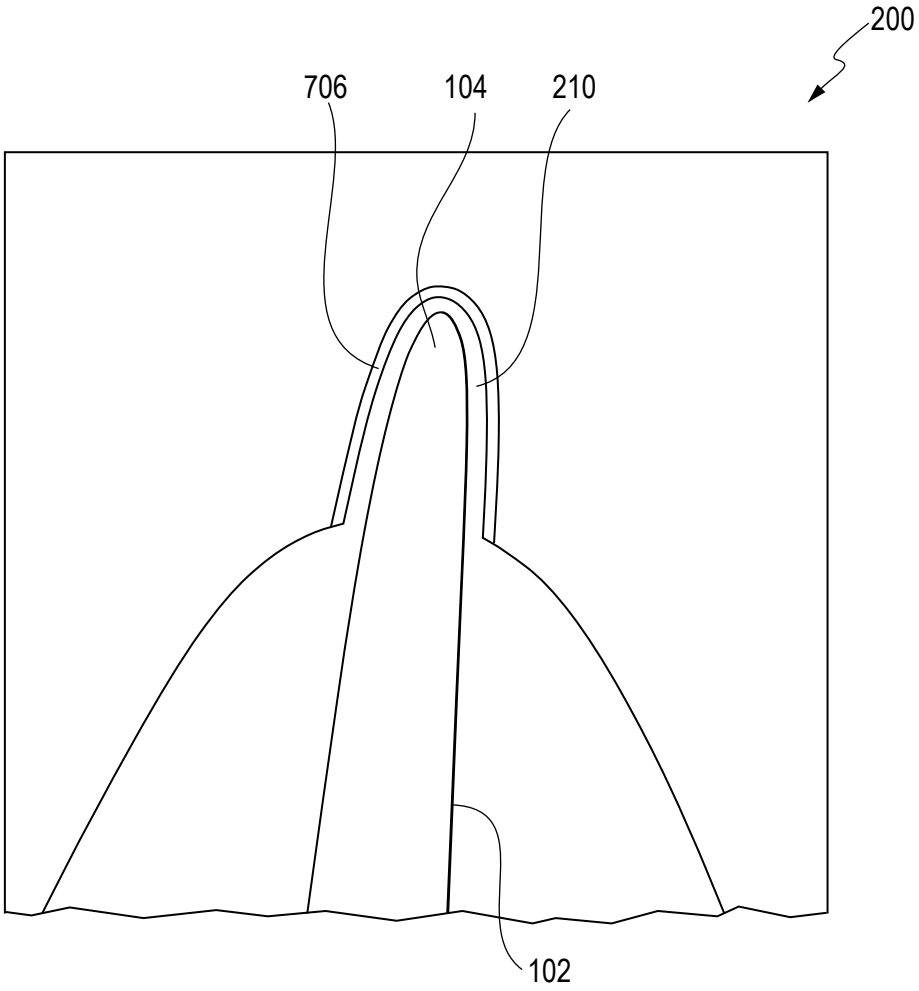


FIG. 8A

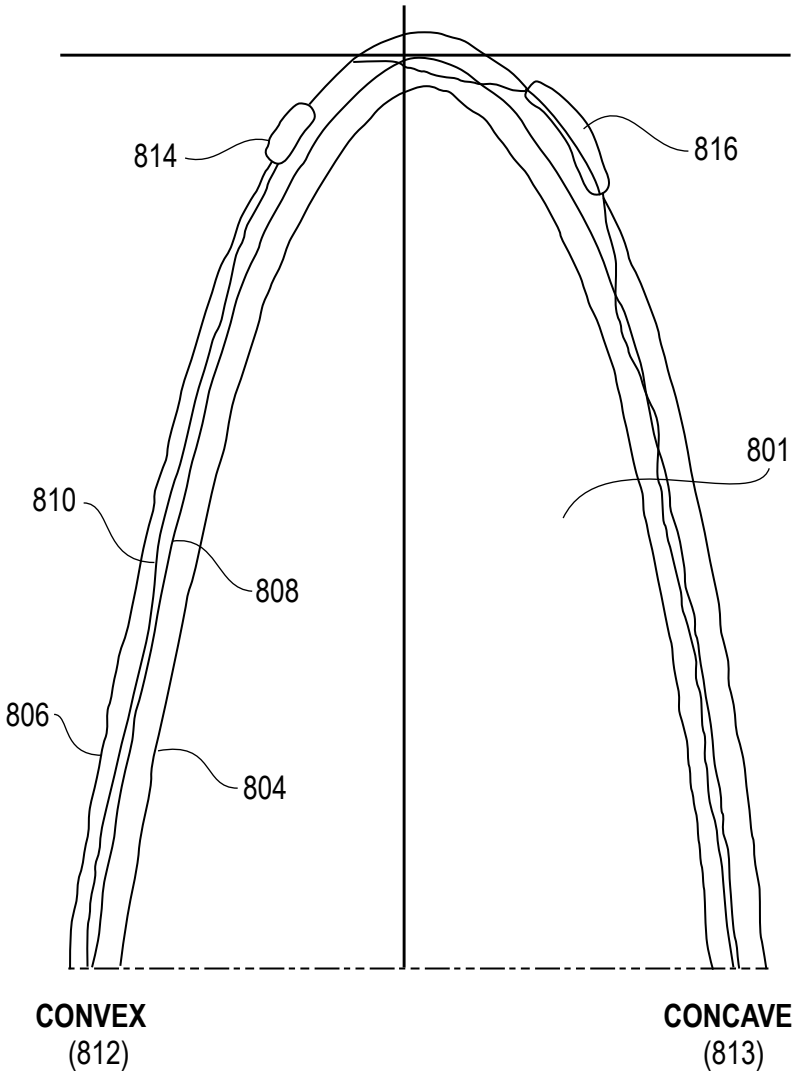


FIG. 8B

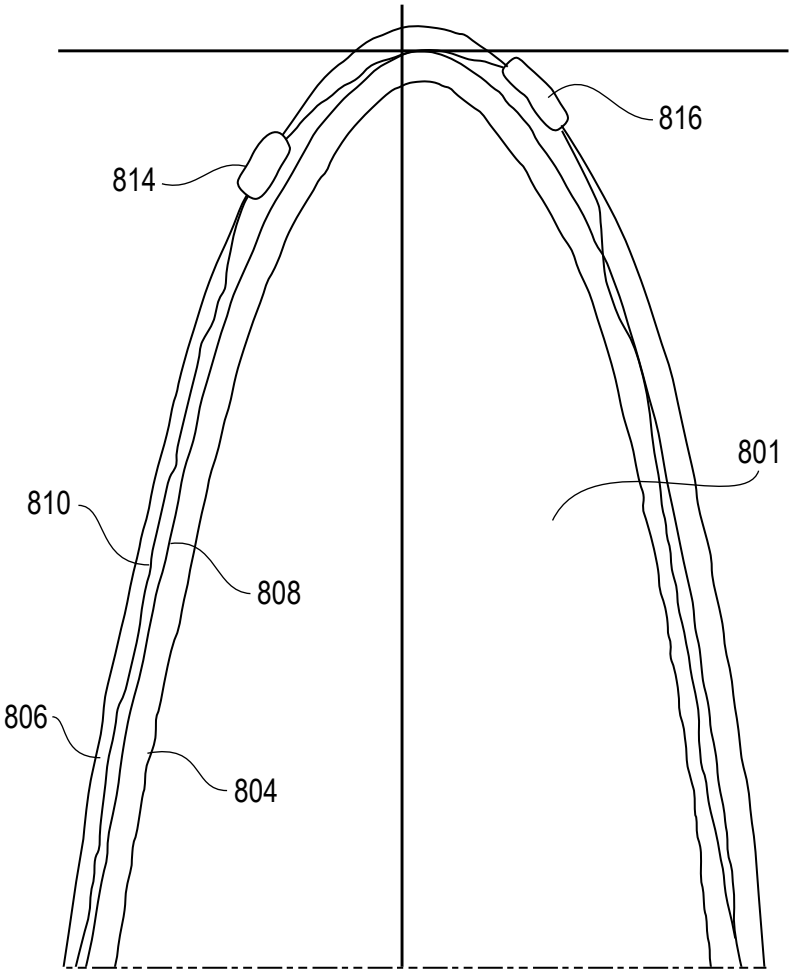


FIG. 8C

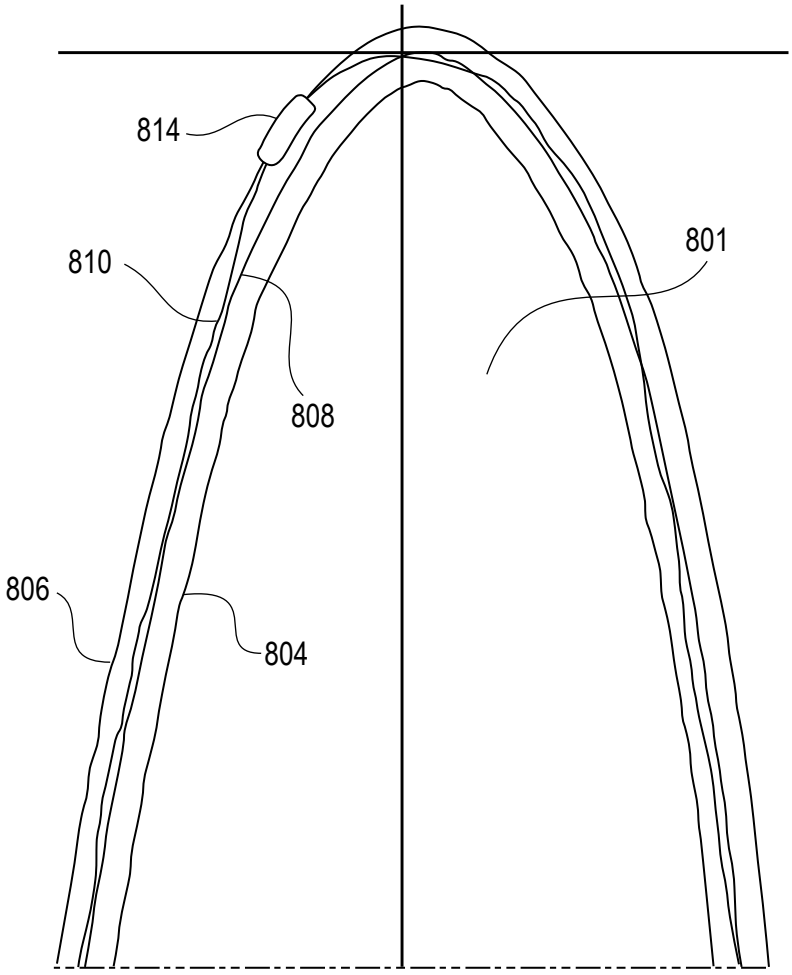


FIG. 8D

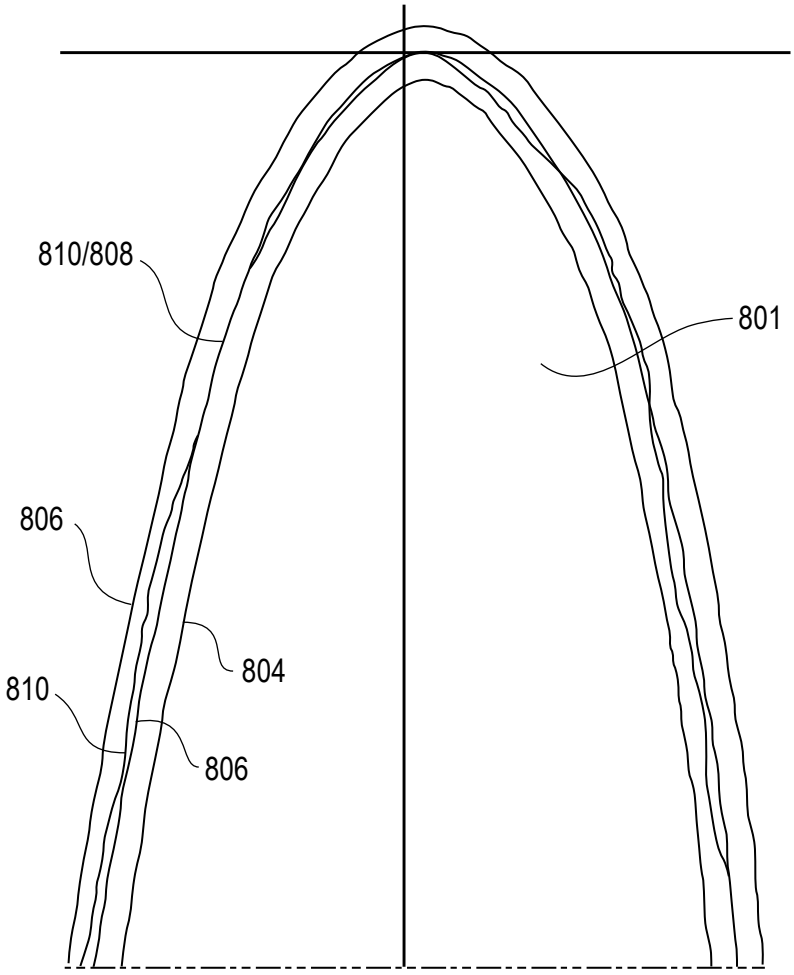


FIG. 9

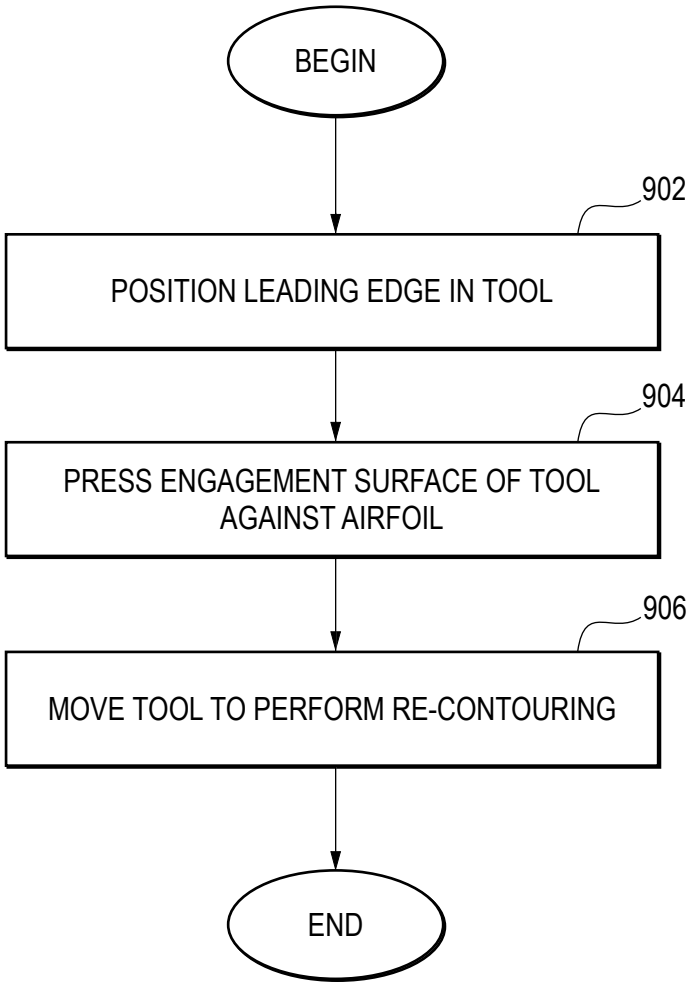

BEGIN
902
POSITION LEADING EDGE IN TOOL
904
PRESS ENGAGEMENT SURFACE OF TOOL AGAINST AIRFOIL
906
MOVE TOOL TO PERFORM RE-CONTOURING
END

FIG. 10A

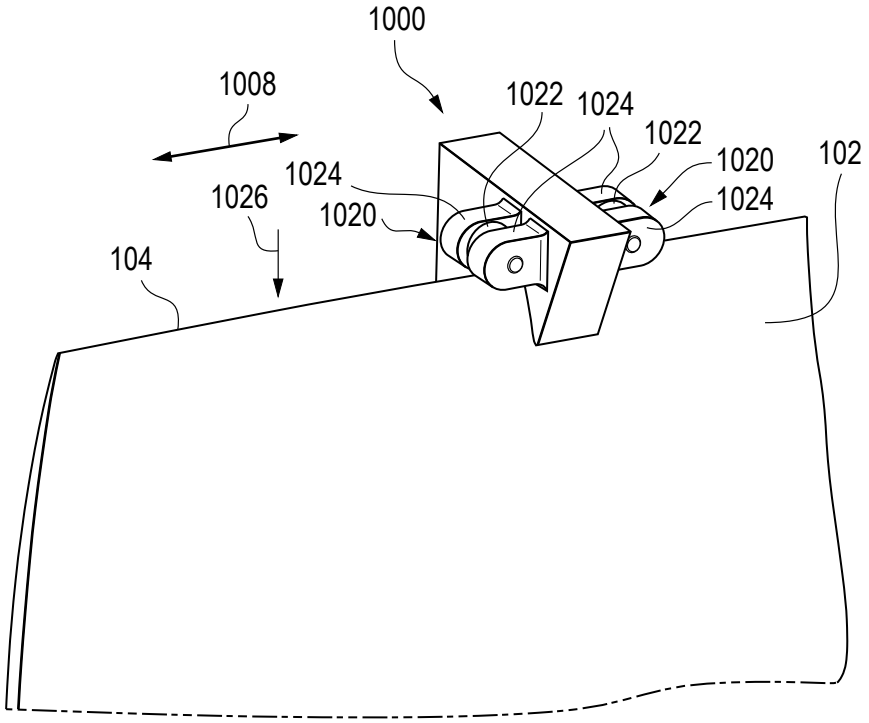


FIG. 10B

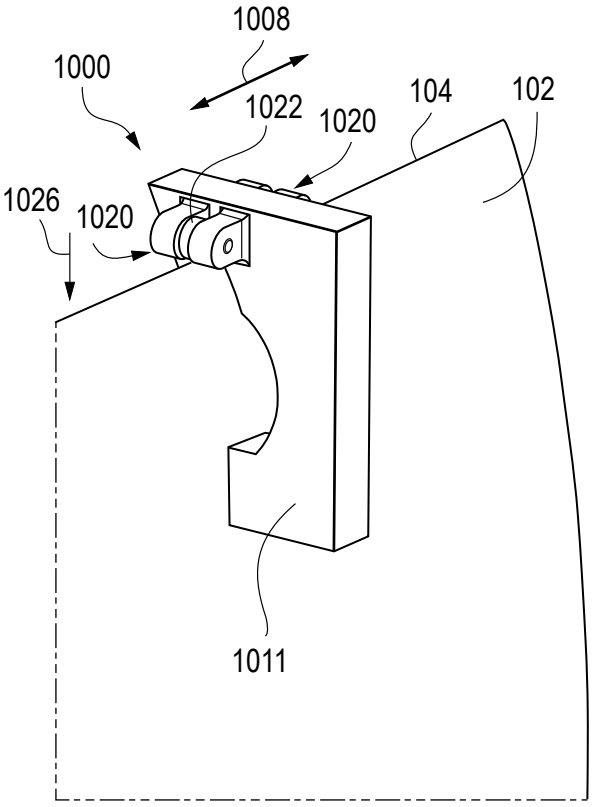


FIG. 10C

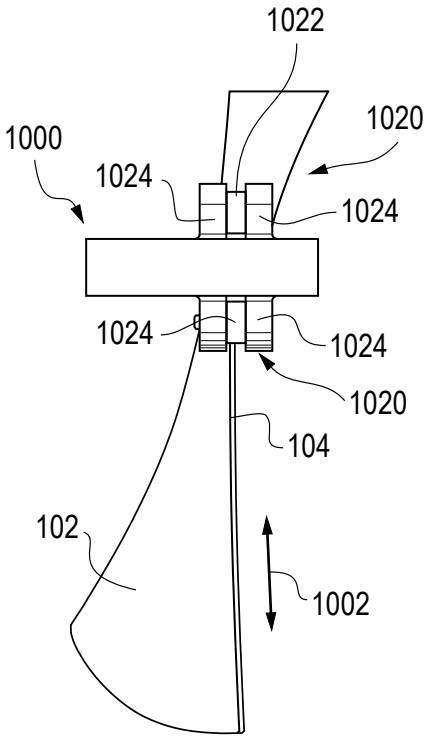


FIG. 11

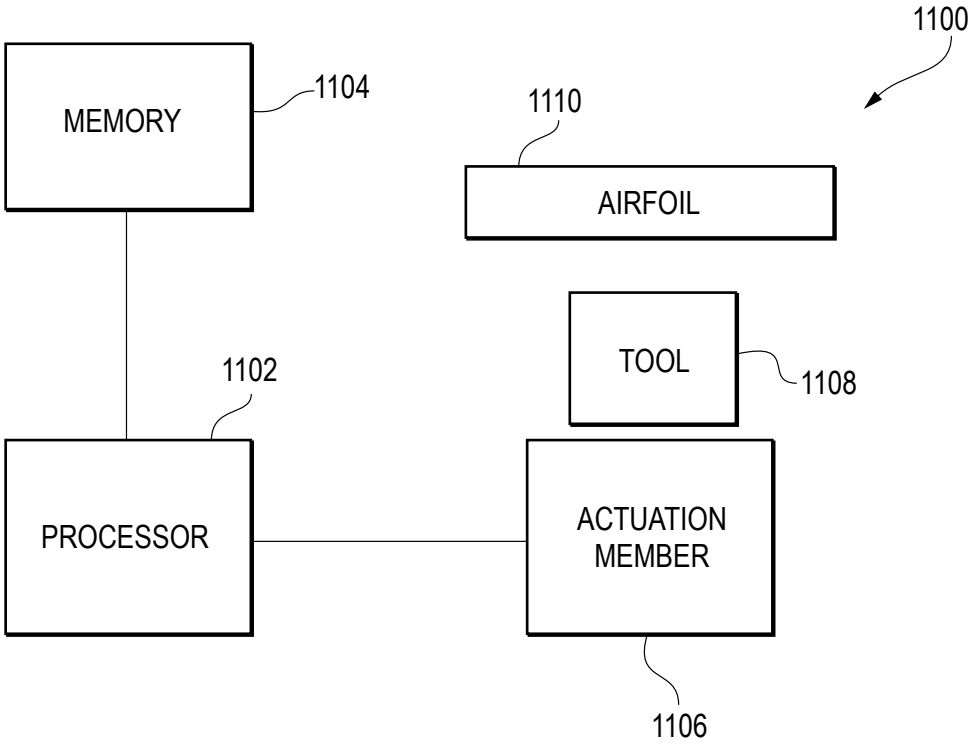
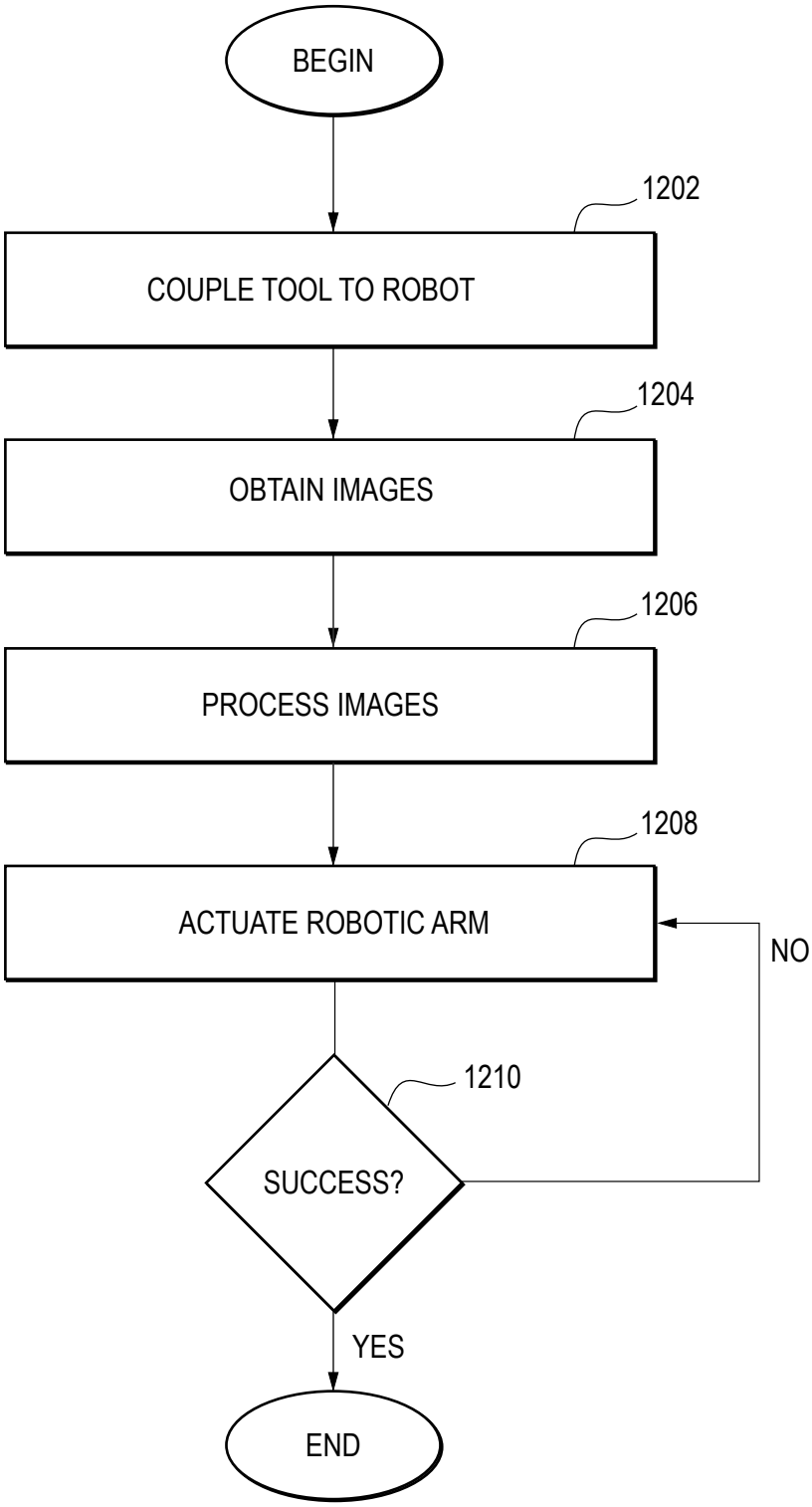

1100
MEMORY
1104
1110
AIRFOIL
TOOL
1108
1102
PROCESSOR
ACTUATION MEMBER
1106

FIG. 12


BEGIN
1202
COUPLE TOOL TO ROBOT
1204
OBTAIN IMAGES
1206
PROCESS IMAGES
1208
ACTUATE ROBOTIC ARM
NO
1210
SUCCESS?
YES
END