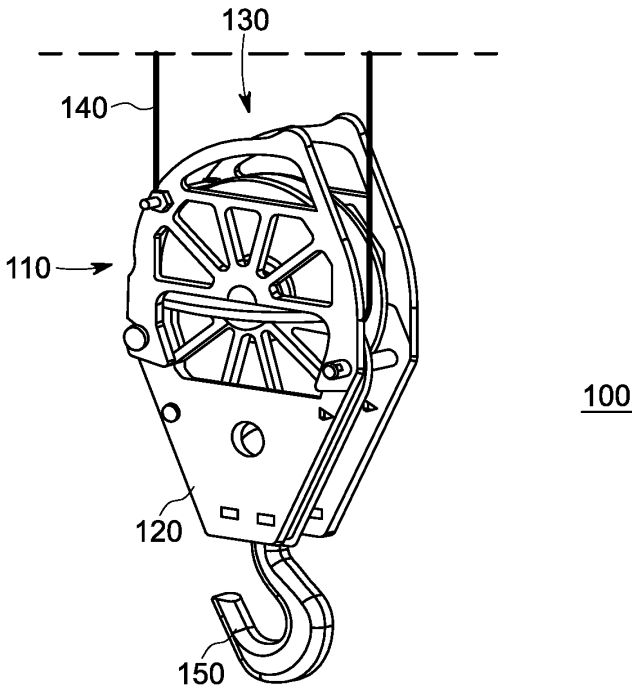


FIG. 1

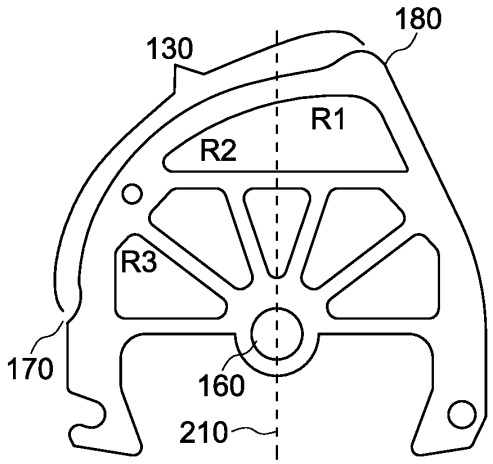


FIG. 2

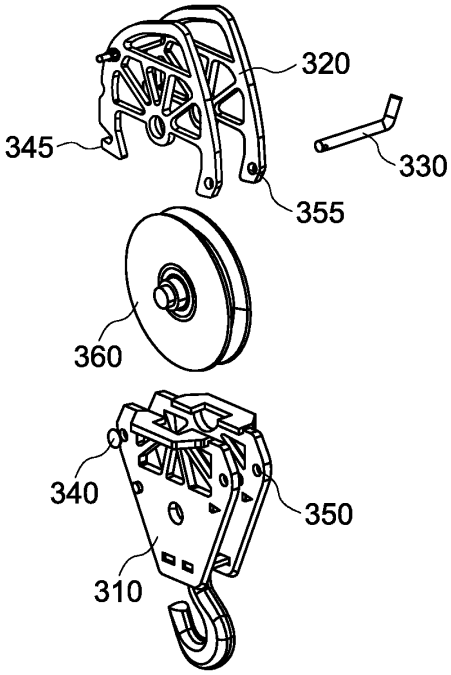


FIG. 3

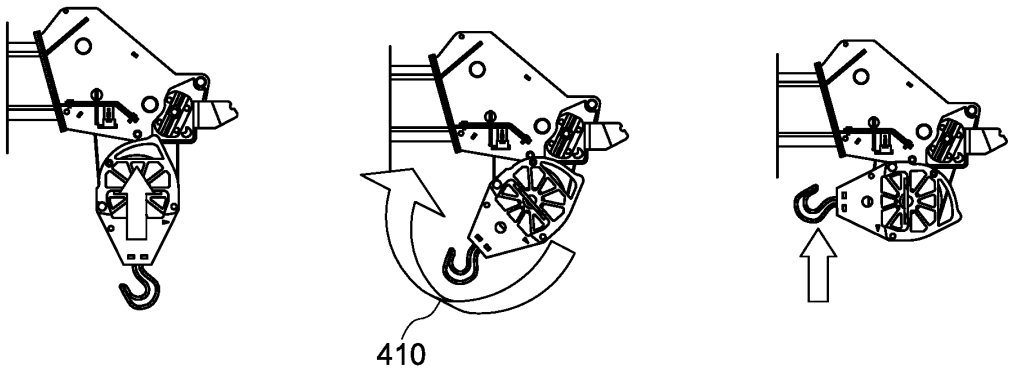


FIG. 4

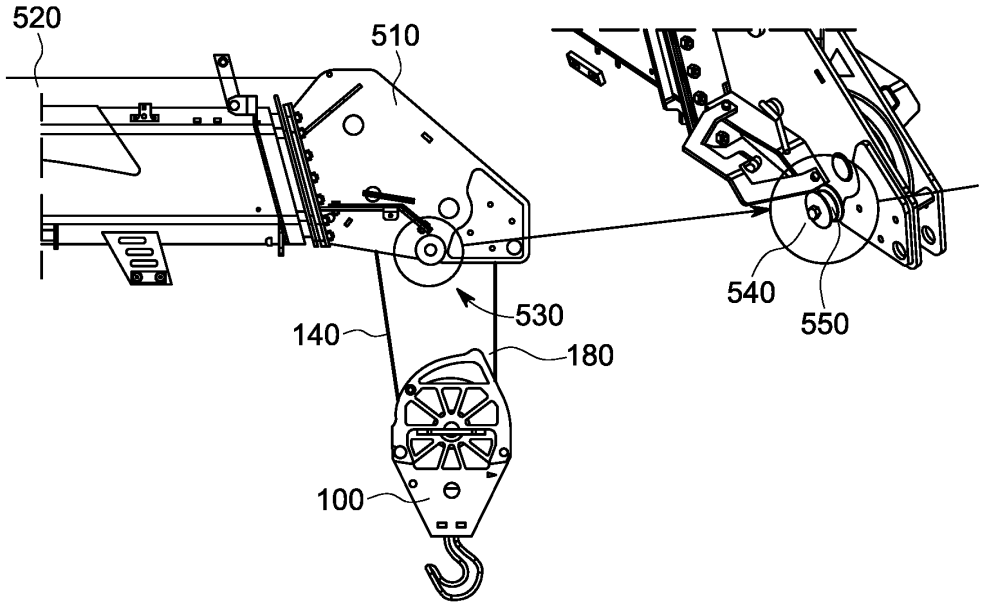

520
510
540
550
530
140
180
100

FIG. 5

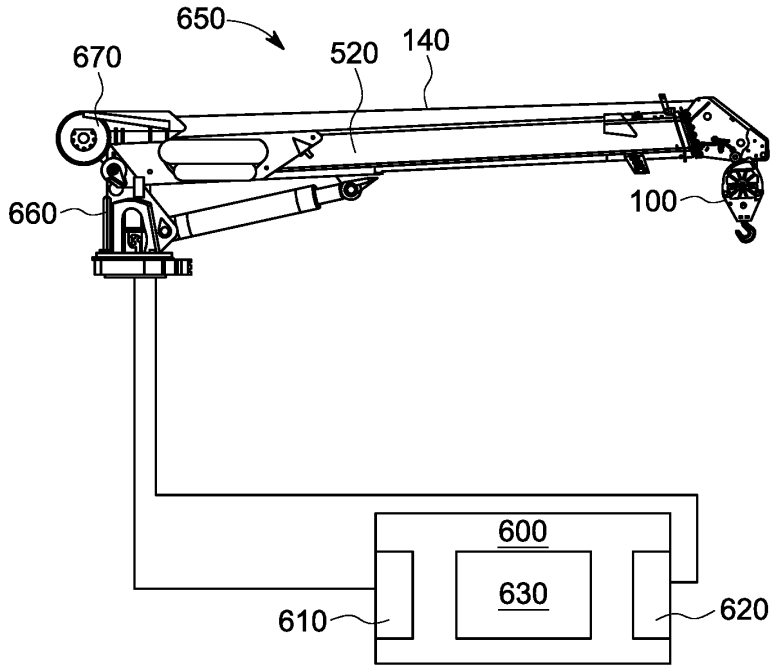

650
670
520
140
660
100
600
630
610
620

FIG. 6

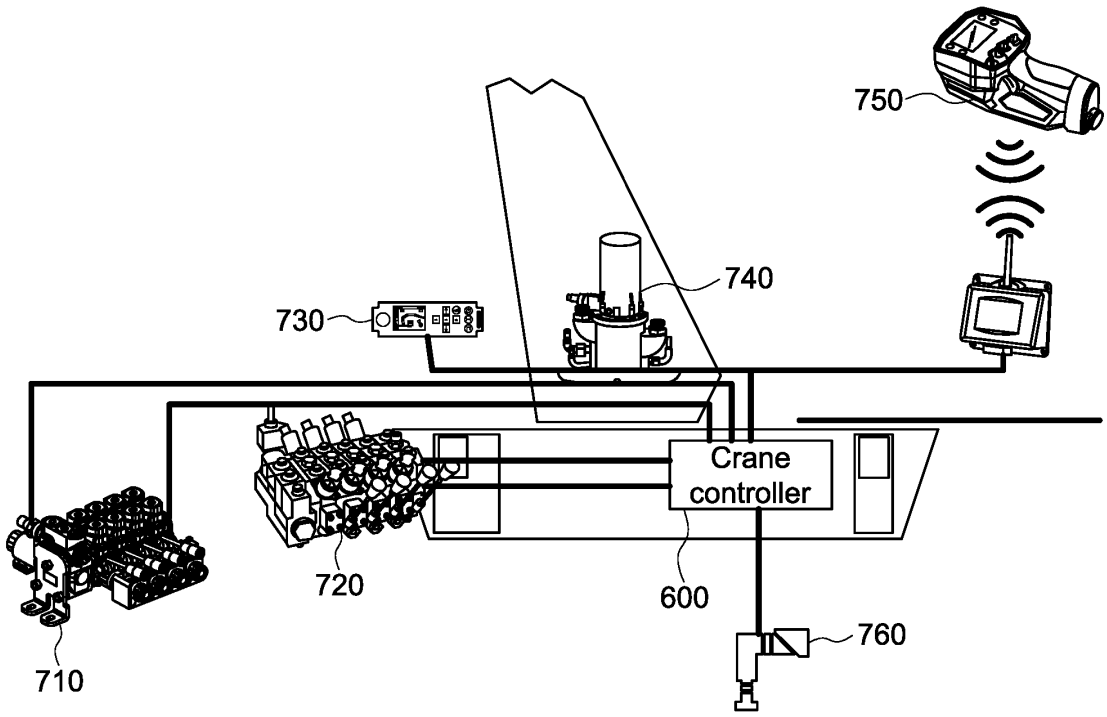


FIG. 7

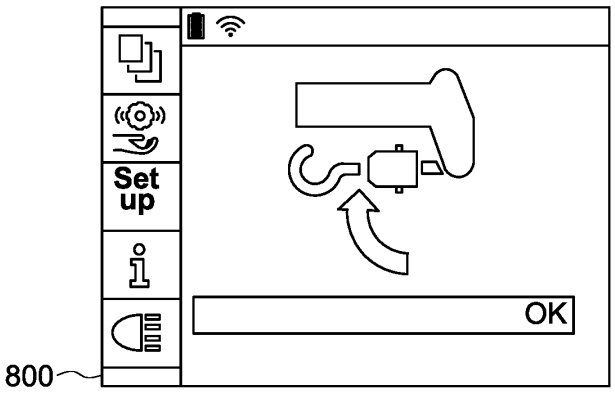


FIG. 8

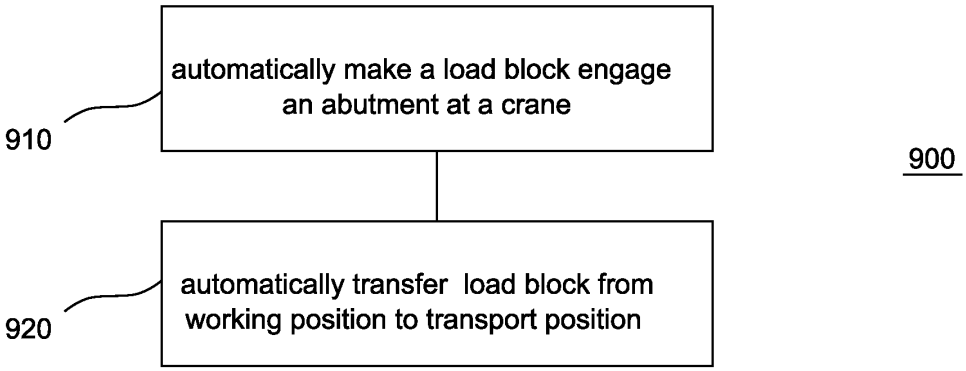

automatically make a load block engage an abutment at a crane
910
automatically transfer load block from working position to transport position
920
900

FIG. 9

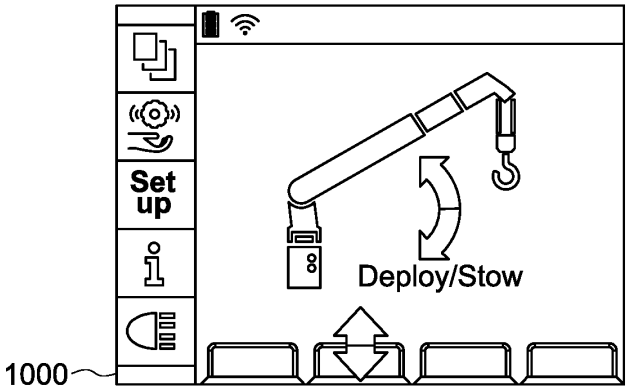

Set up
Deploy/Stow
1000

FIG. 10

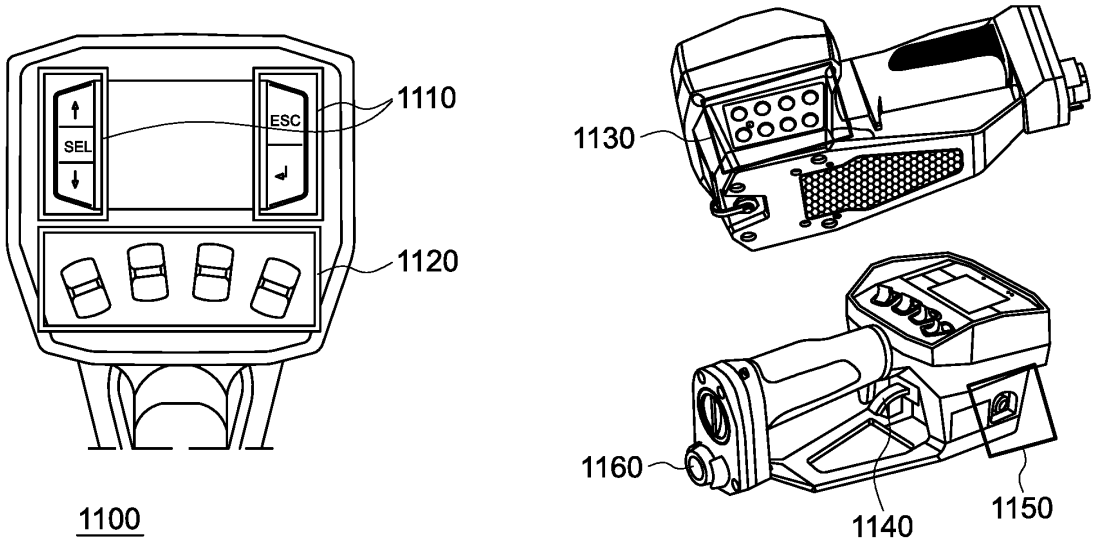

SEL
ESC
1110
1120
1100
1130
1160
1140
1150

FIG. 11

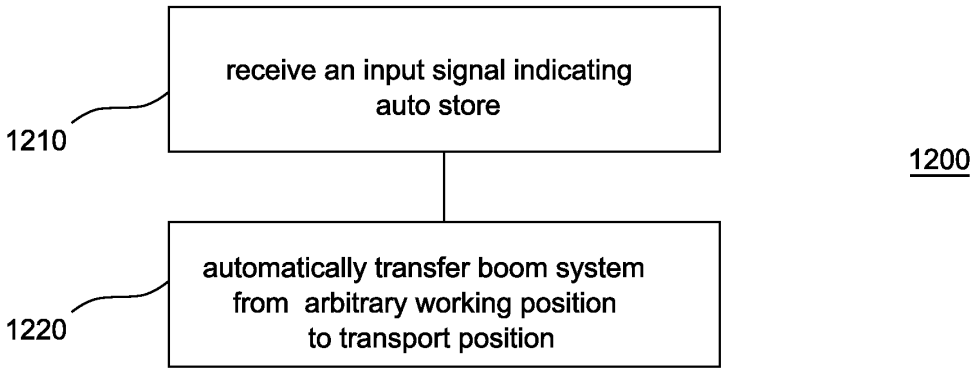

receive an input signal indicating auto store
1210
automatically transfer boom system from arbitrary working position to transport position
1220
1200

FIG. 12