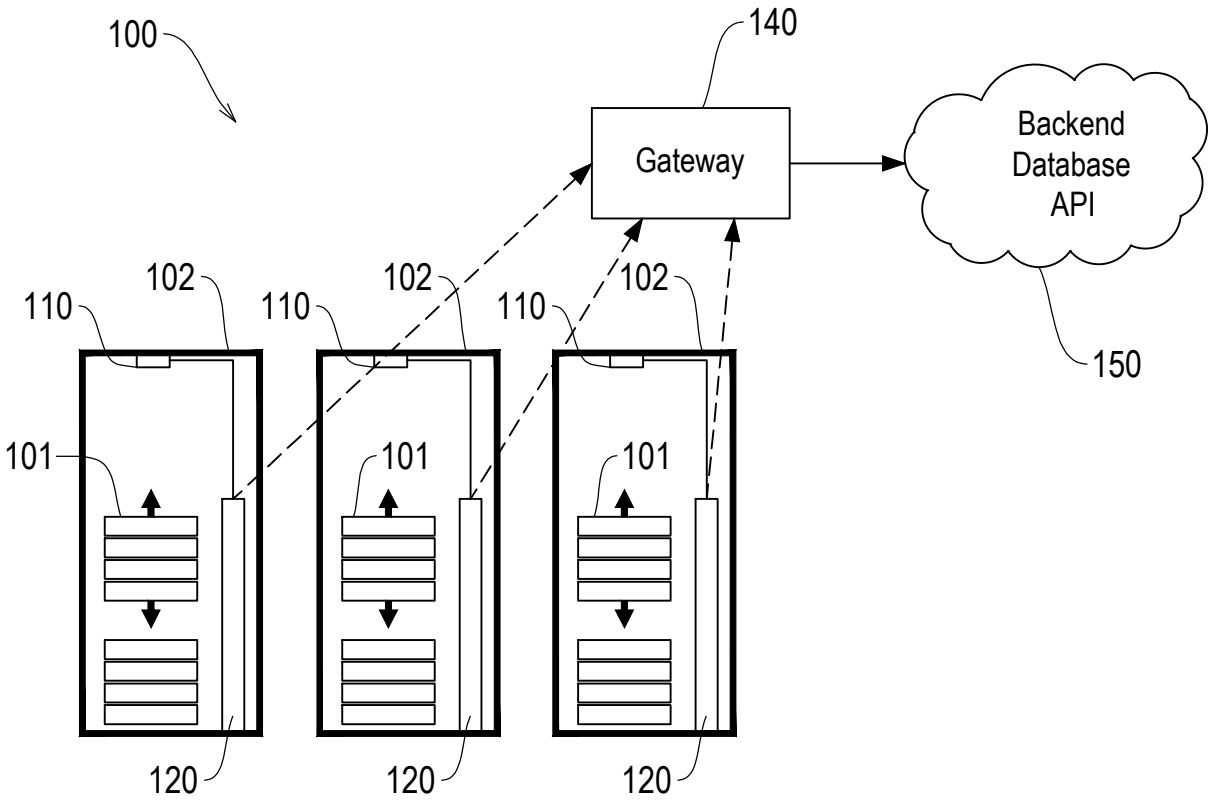


Figure 1

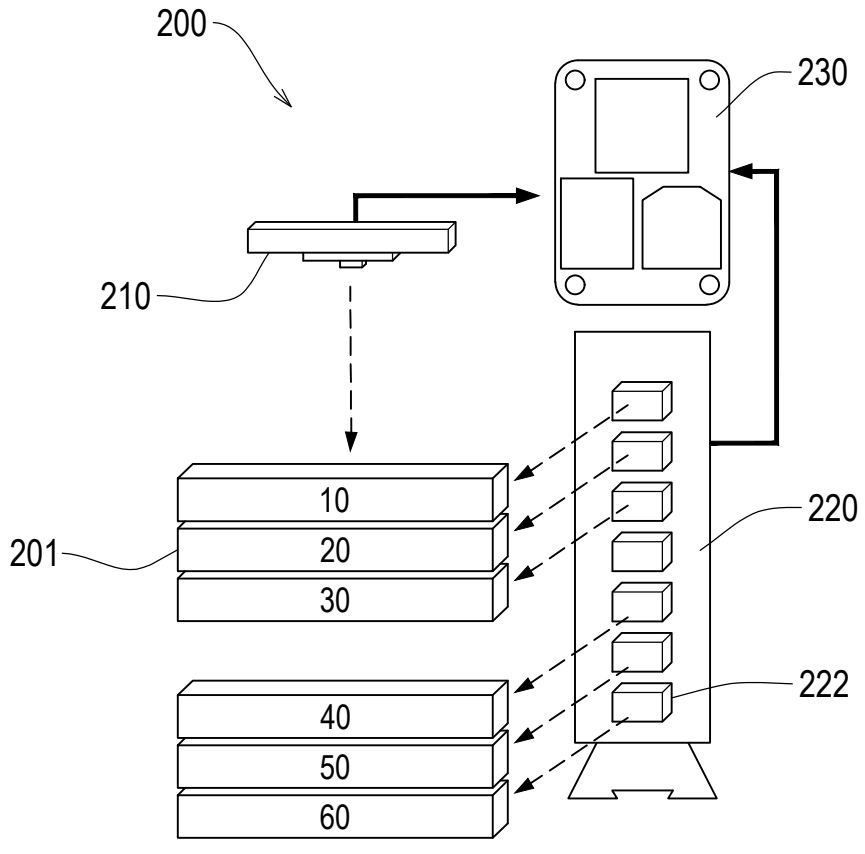


Figure 2

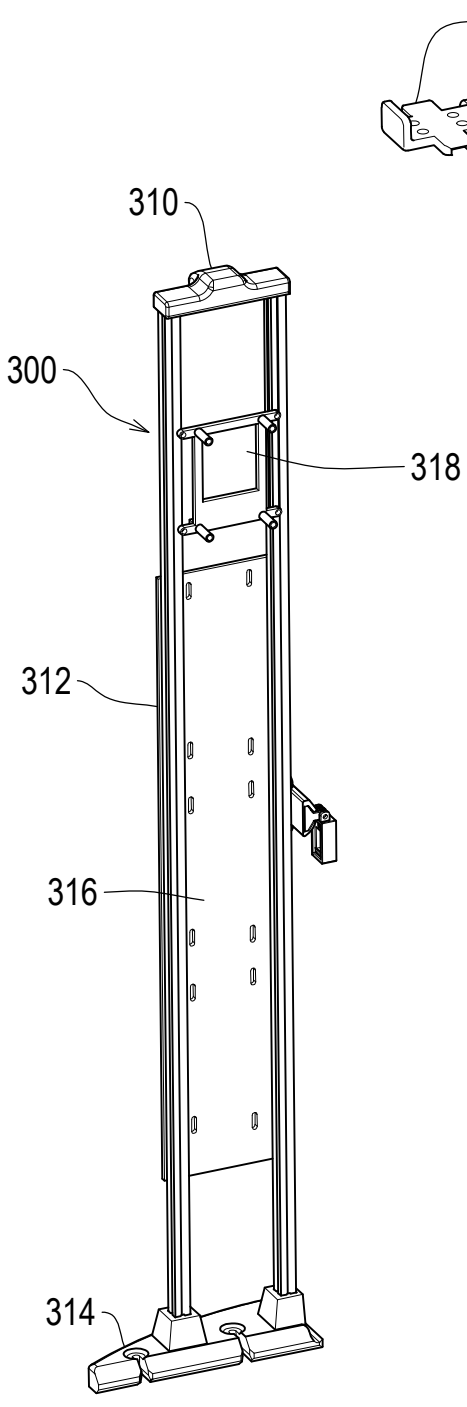


Figure 3A

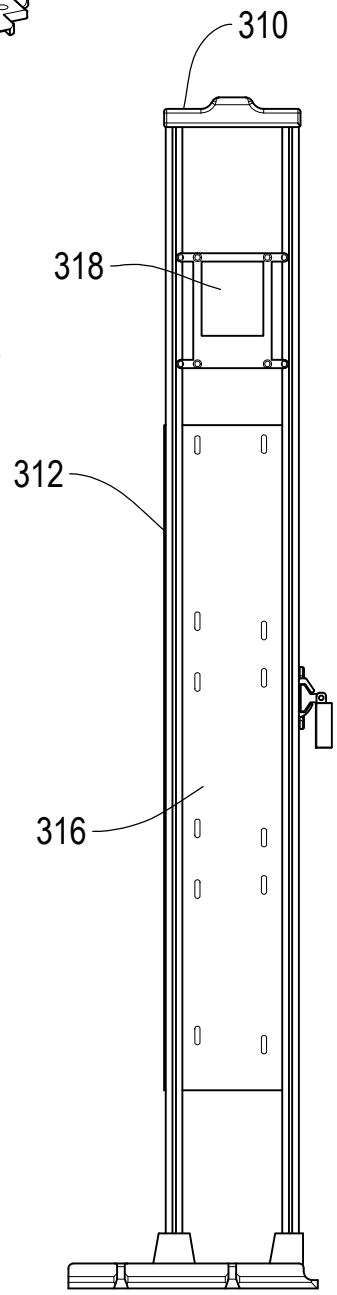


Figure 3B

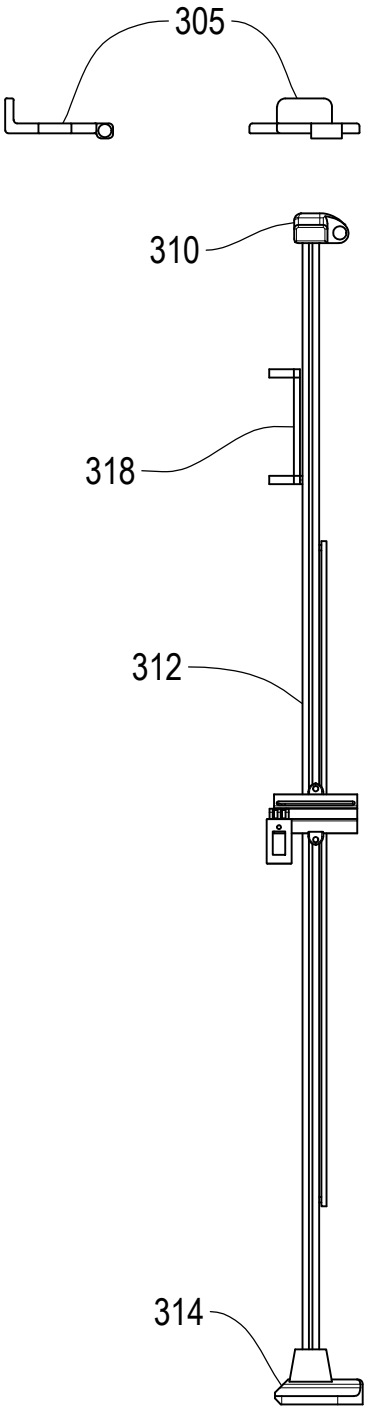
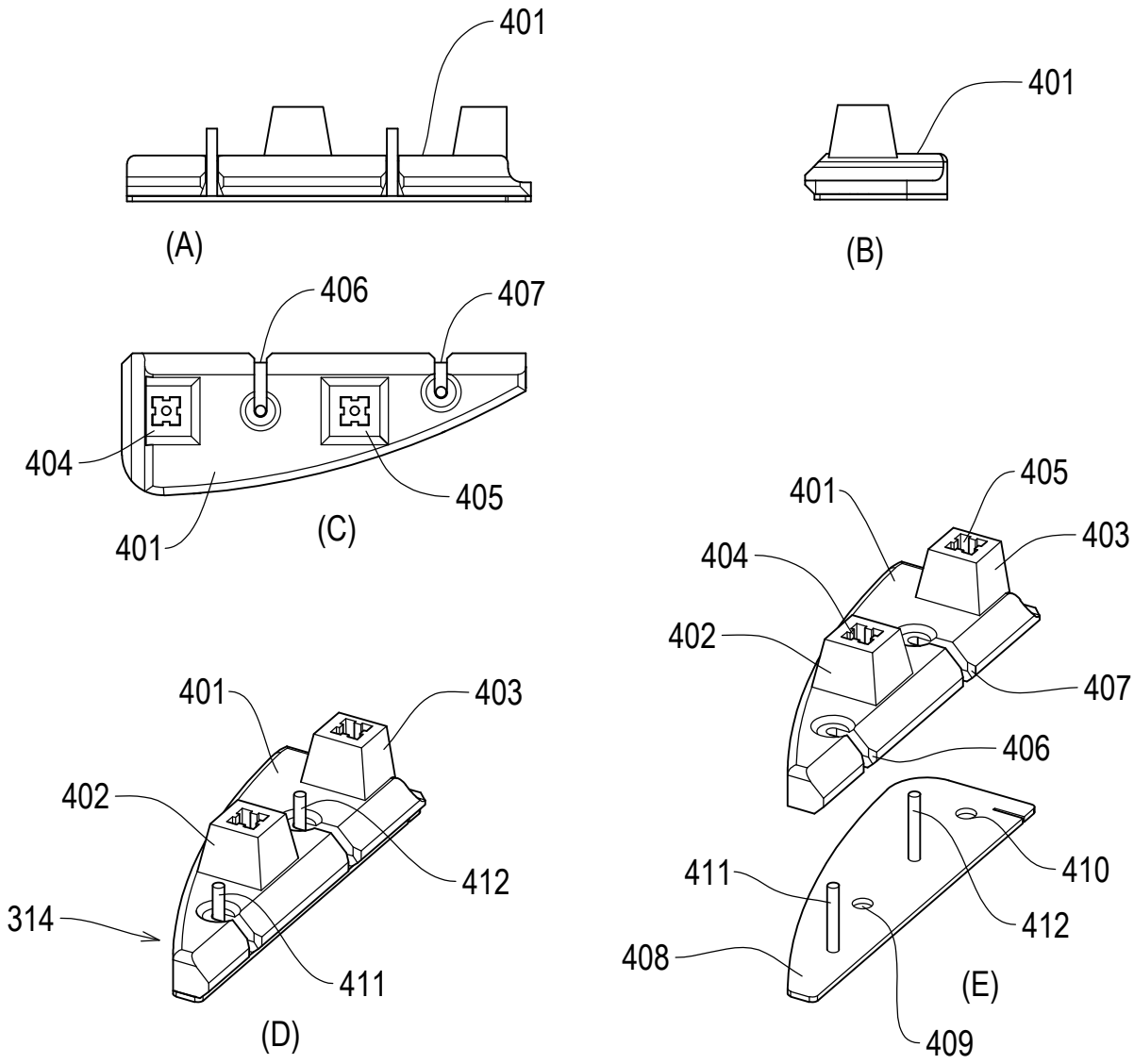
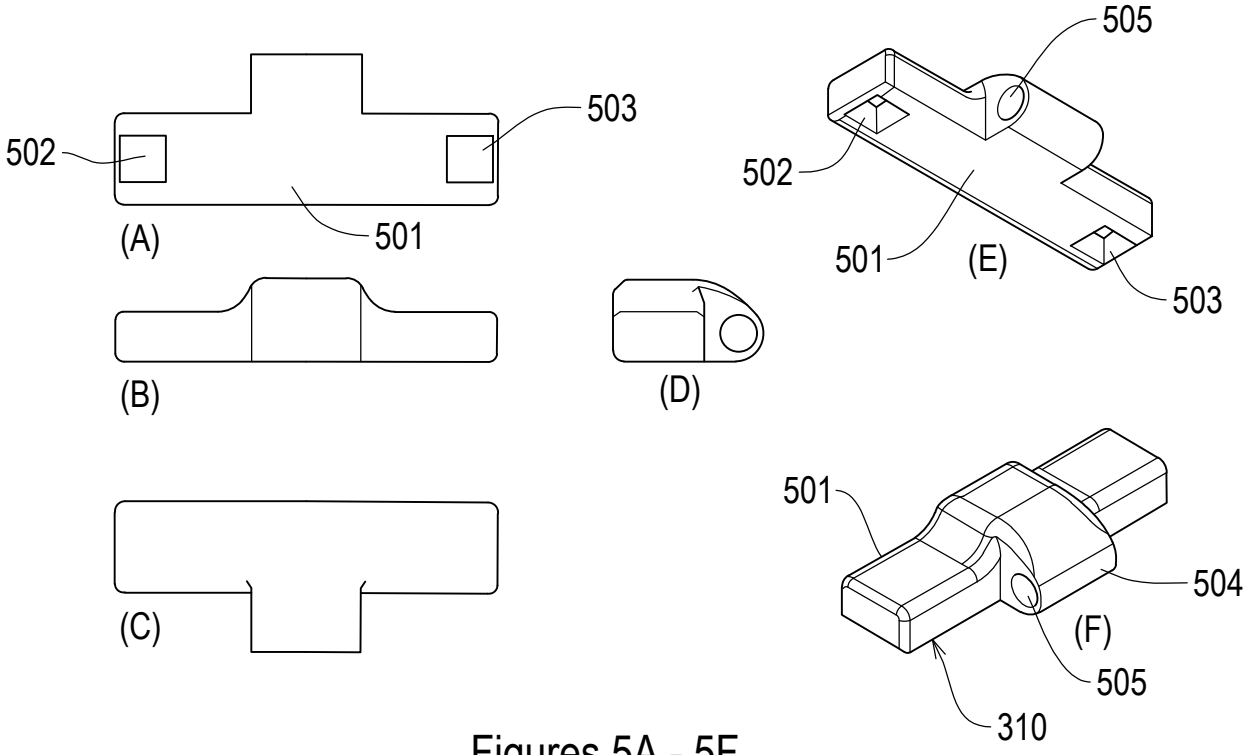


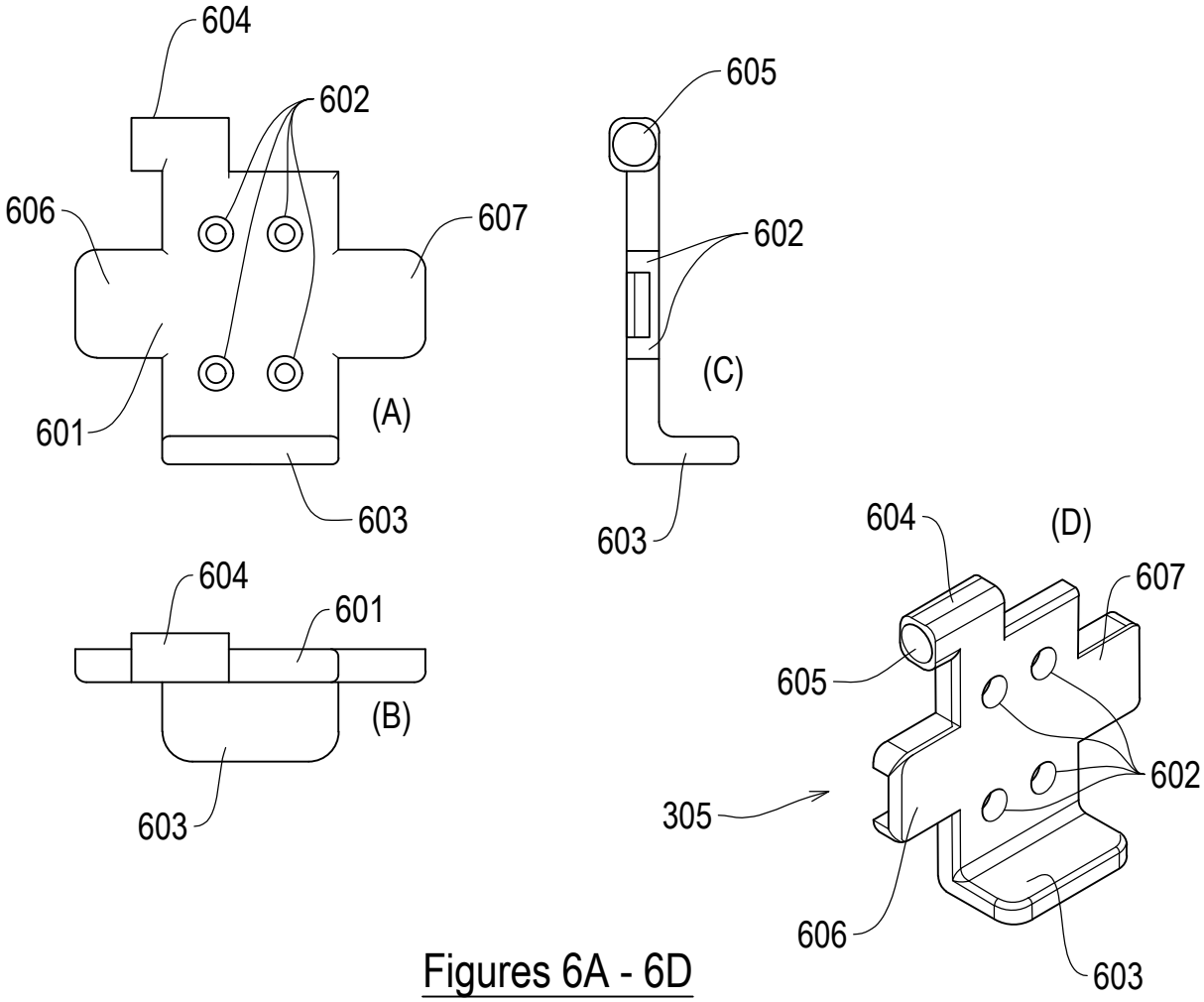
Figure 3C



Figures 4A - 4E



Figures 5A - 5F



Figures 6A - 6D

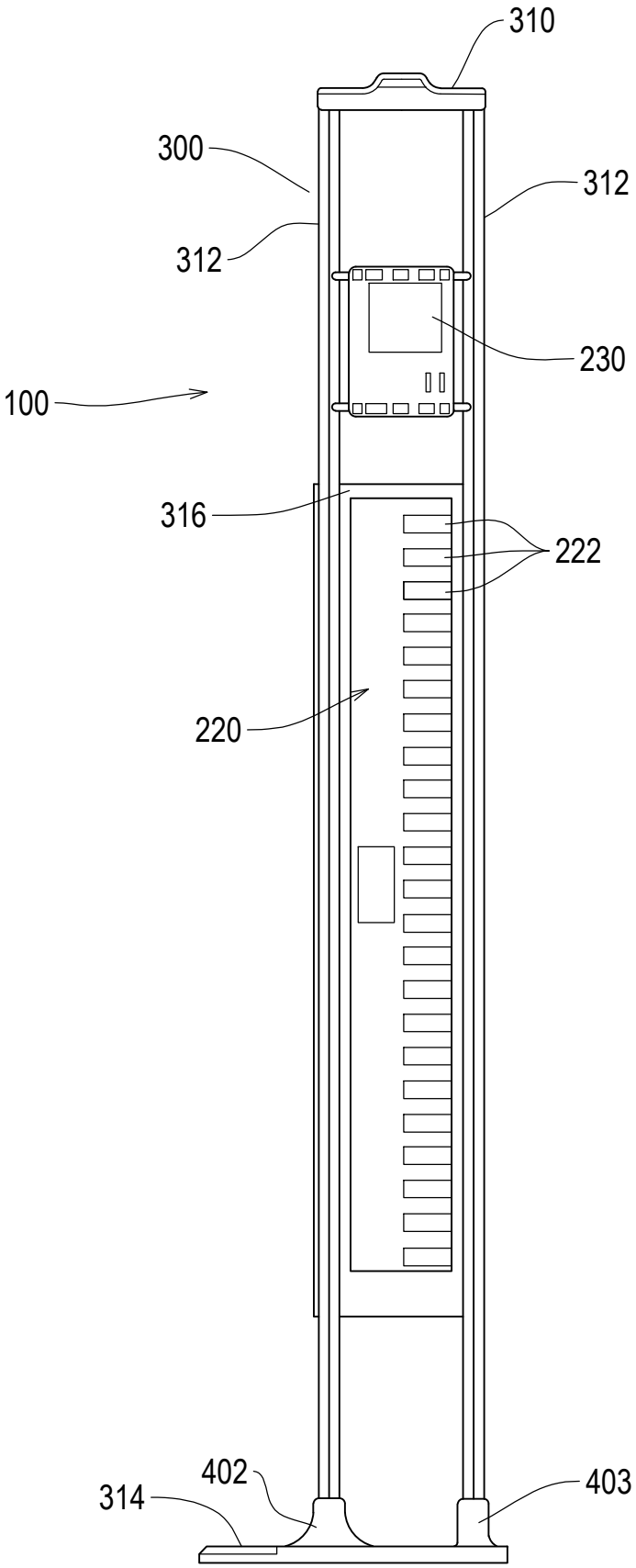


Figure 7

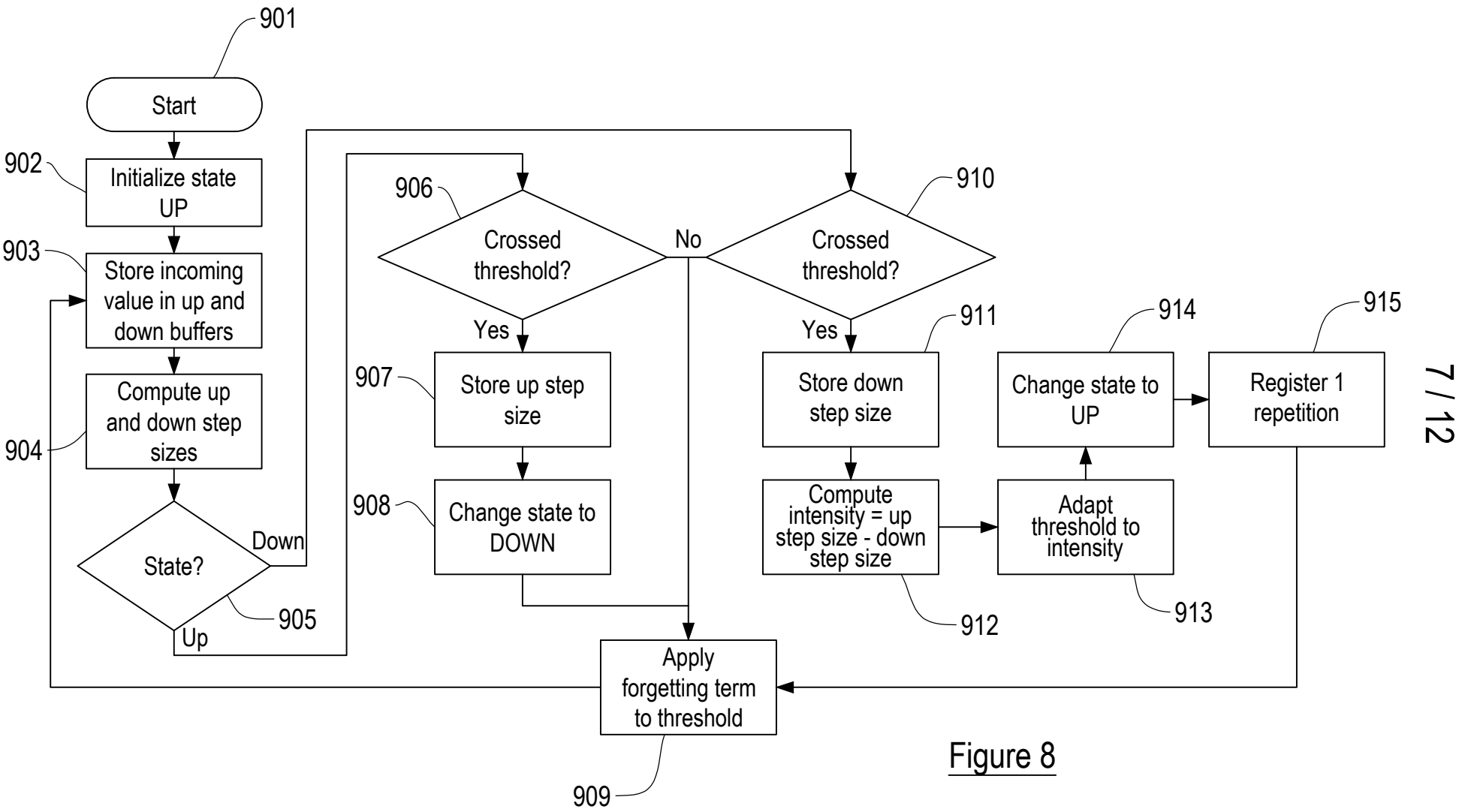

901
Start
902
Initialize state UP
903
Store incoming value in up and down buffers
904
Compute up and down step sizes
State?
Down
Up
905
906
Crossed threshold?
Yes
907
Store up step size
908
Change state to DOWN
No
910
Crossed threshold?
Yes
911
Store down step size
Compute intensity = up step size - down step size
912
Adapt threshold to intensity
913
914
Change state to UP
915
Register 1 repetition
Apply forgetting term to threshold
909

Figure 8

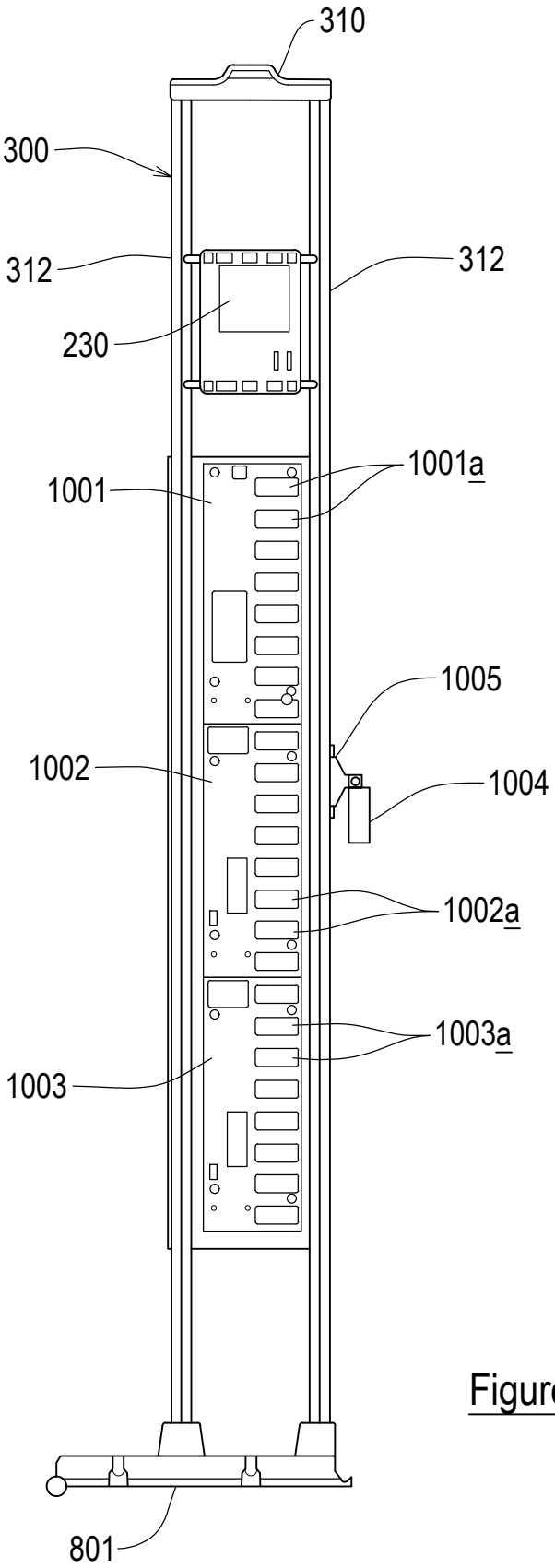

310
300
312
312
230
1001a
1001
1005
1002
1004
1002a
1003a
1003
801

Figure 9

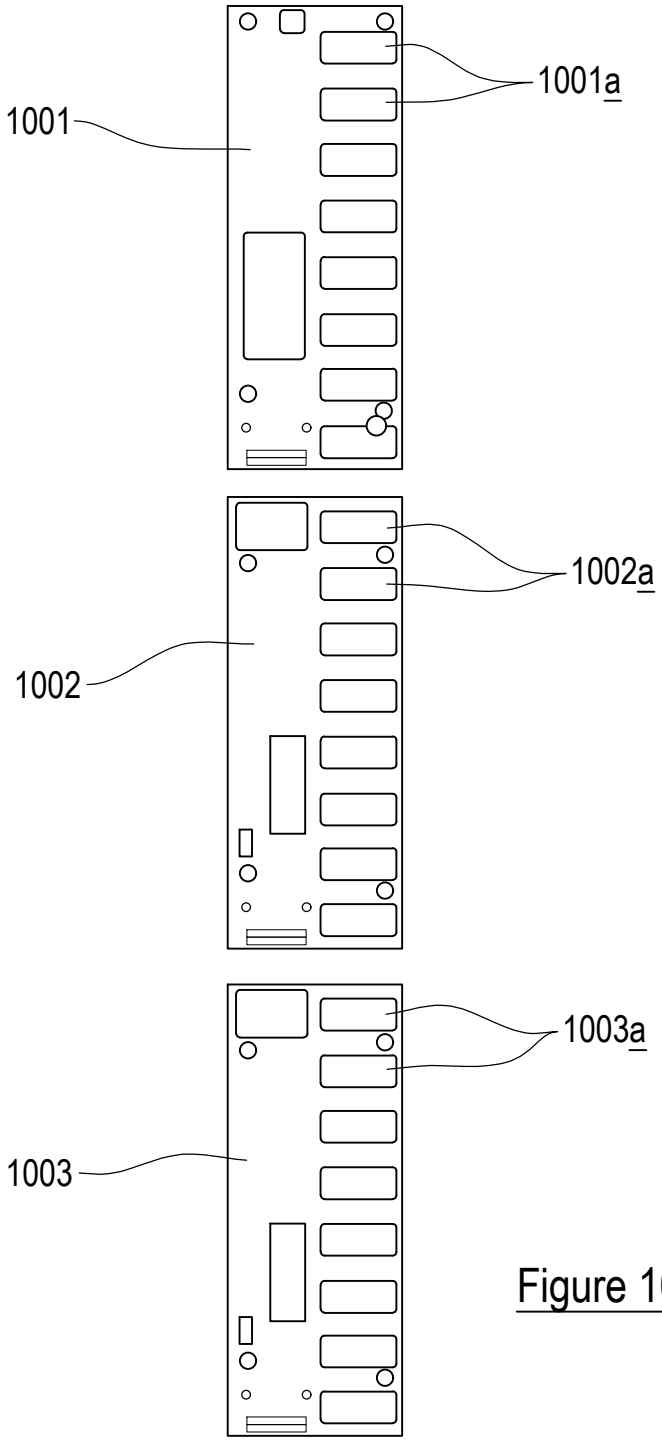


Figure 10

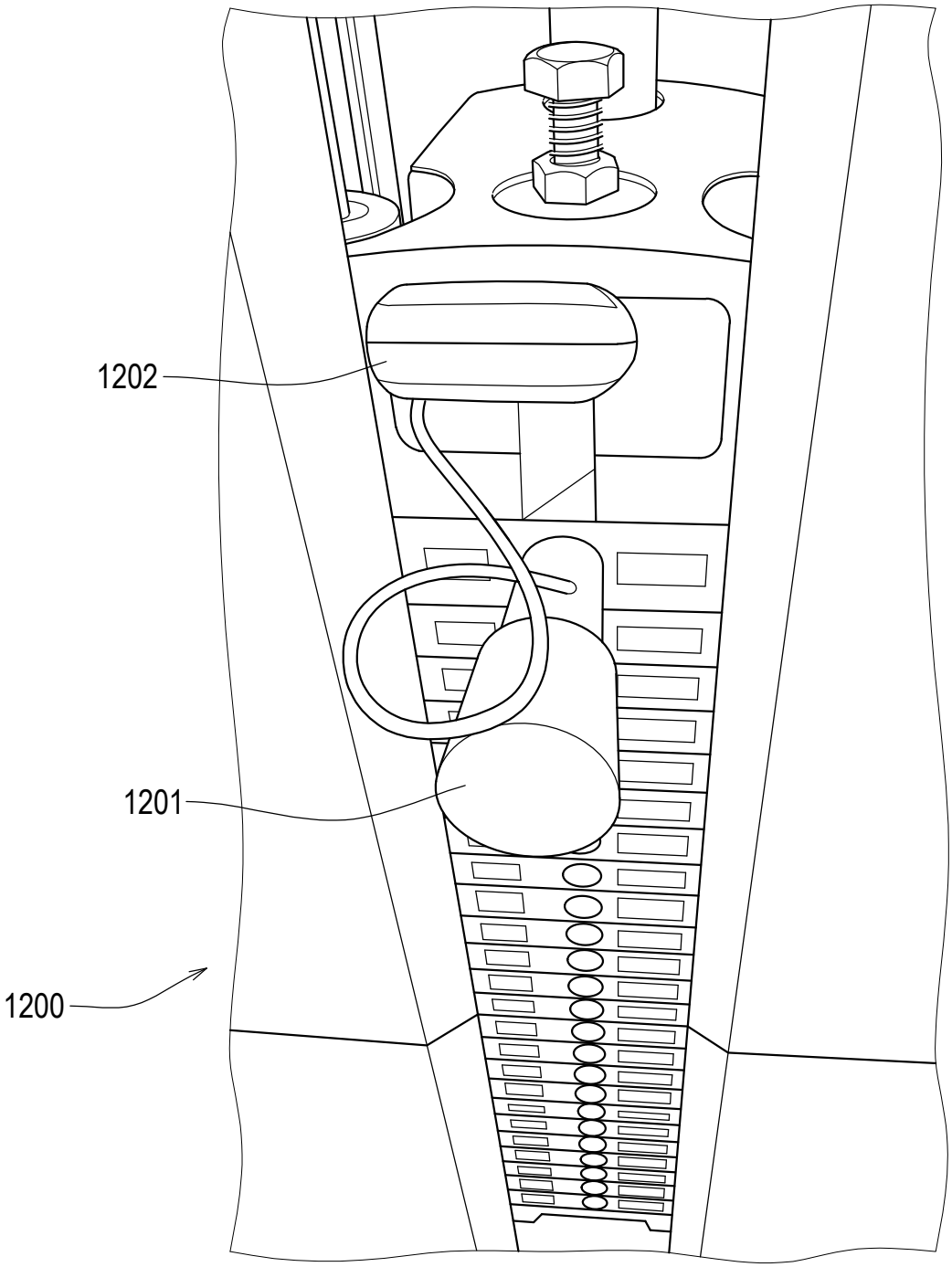


Figure 11

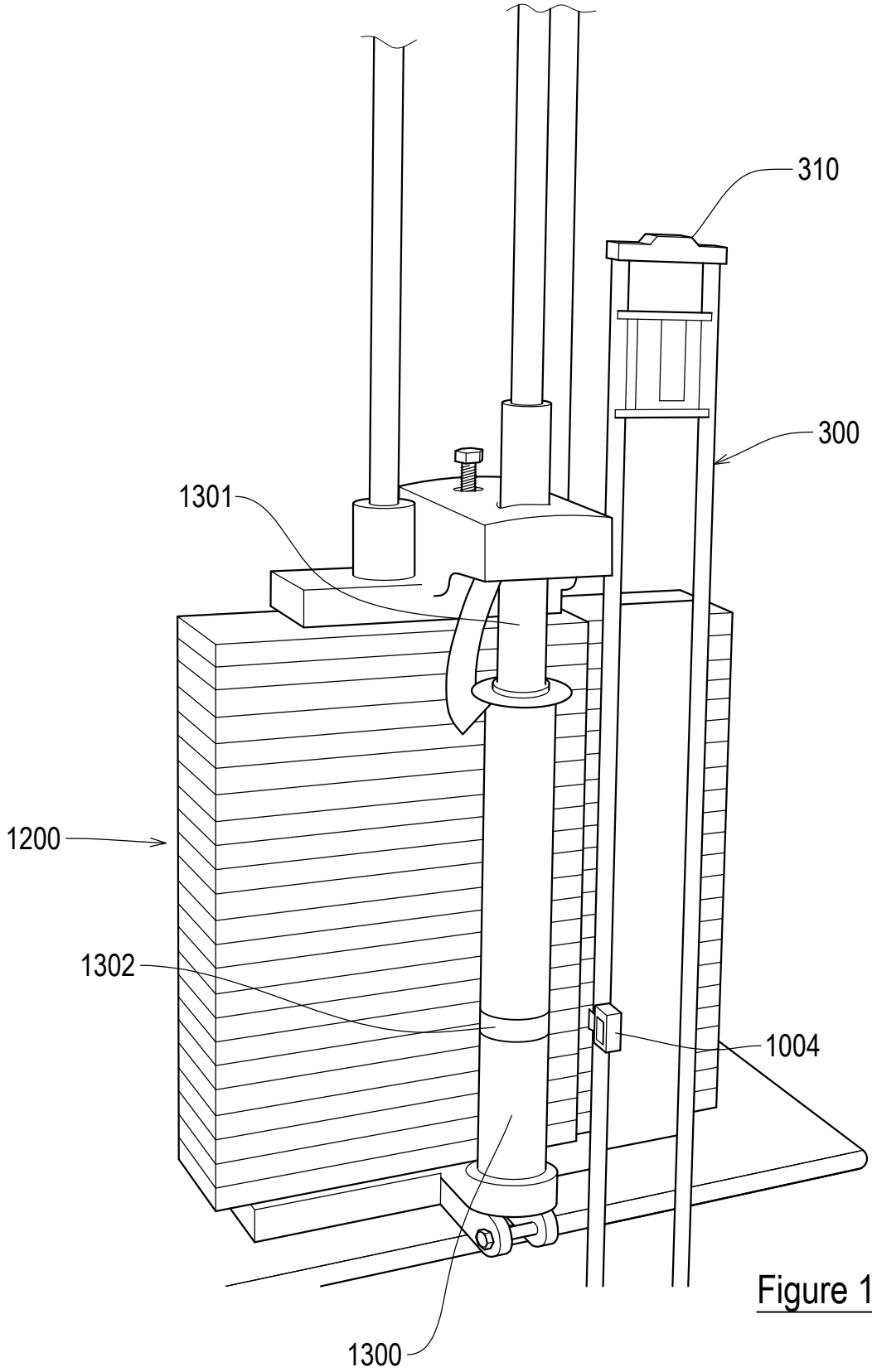


Figure 12

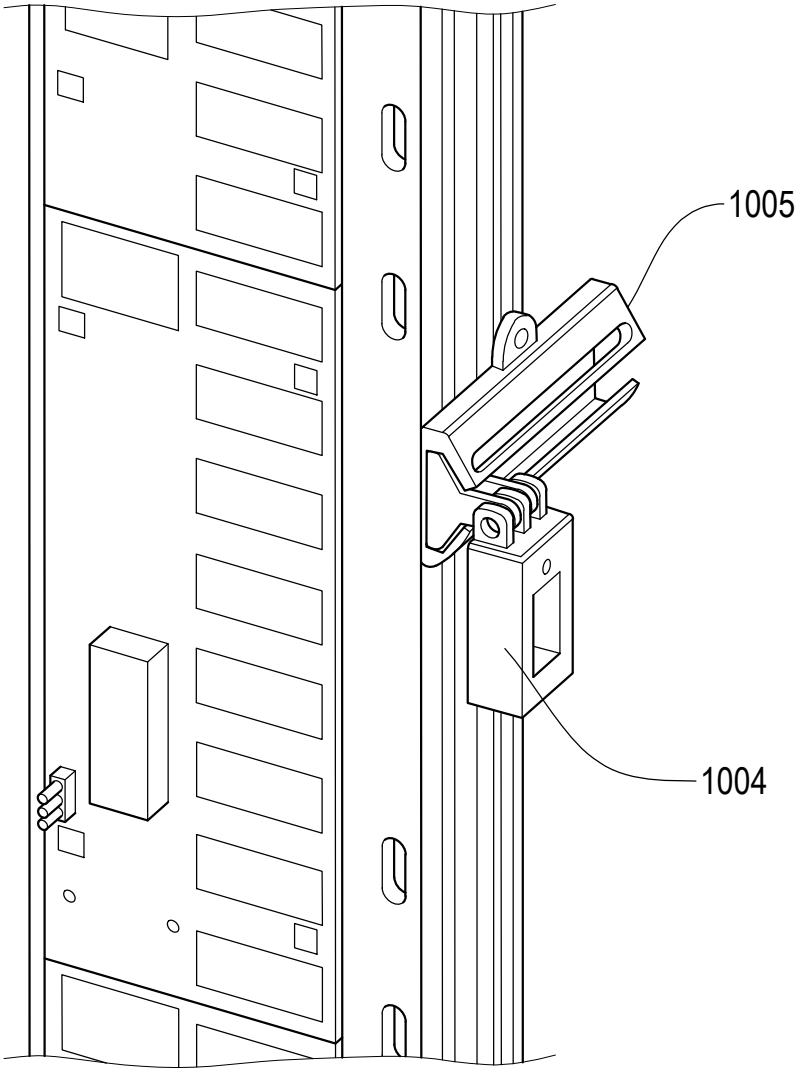


Figure 13