Fig.1

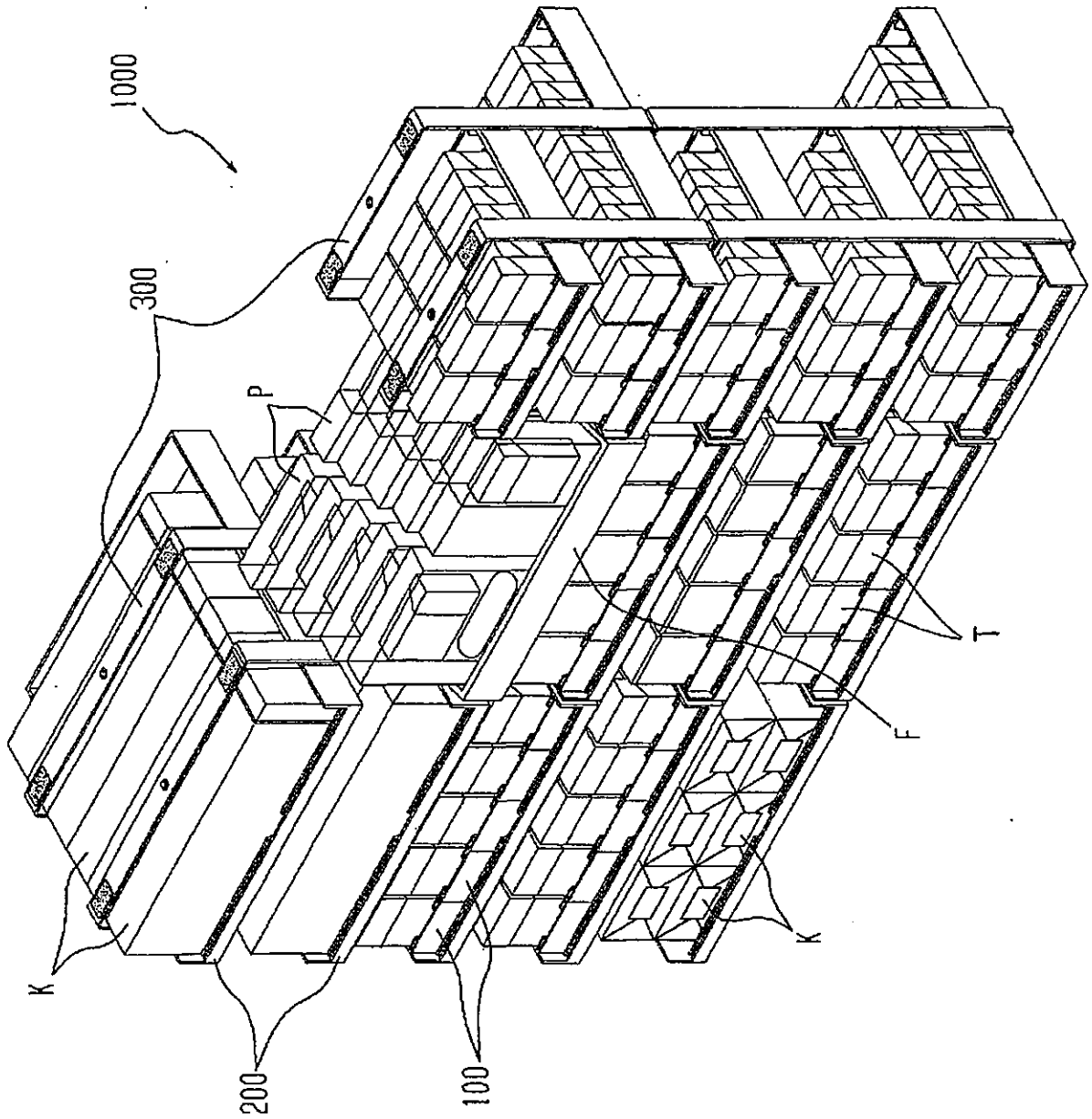


Fig.2

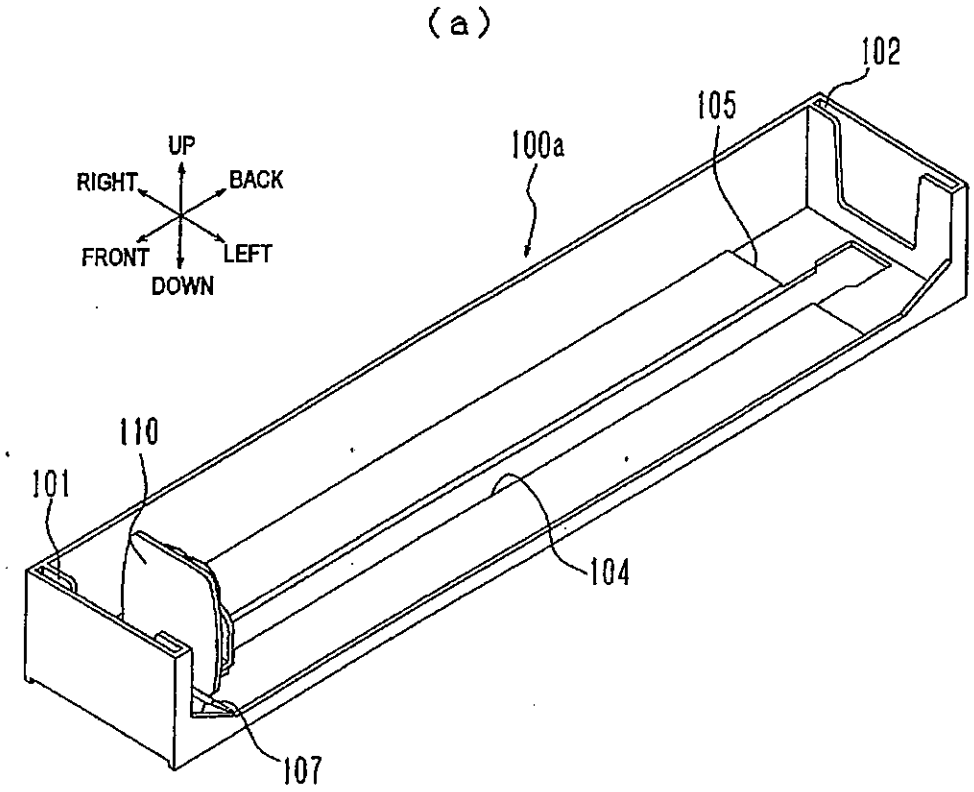

(a)
UP
RIGHT
BACK
FRONT
LEFT
DOWN
100a
102
105
110
101
104
107
(b)
100b
102
110
101
105
104
107

Fig.3

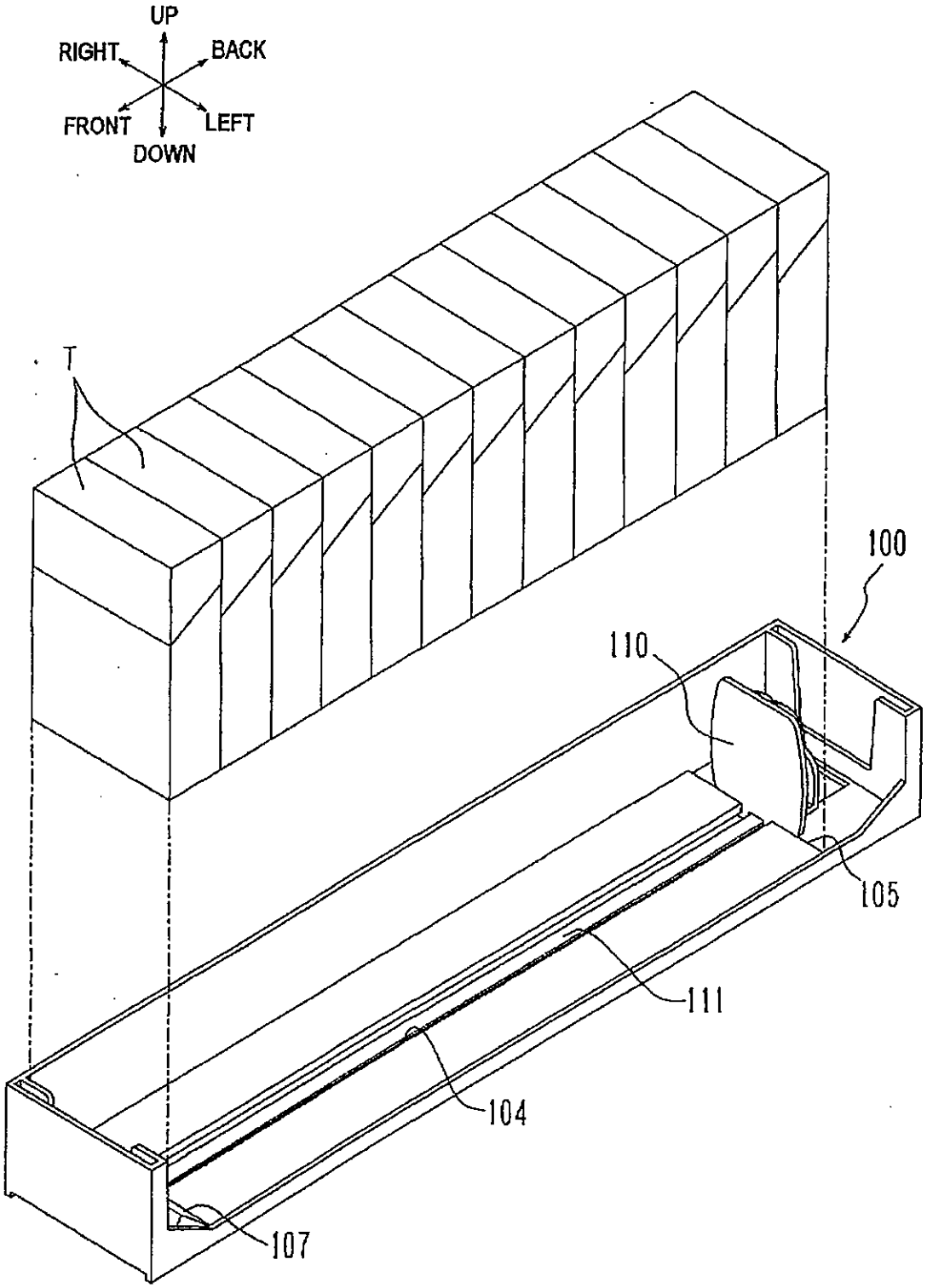


Fig.4

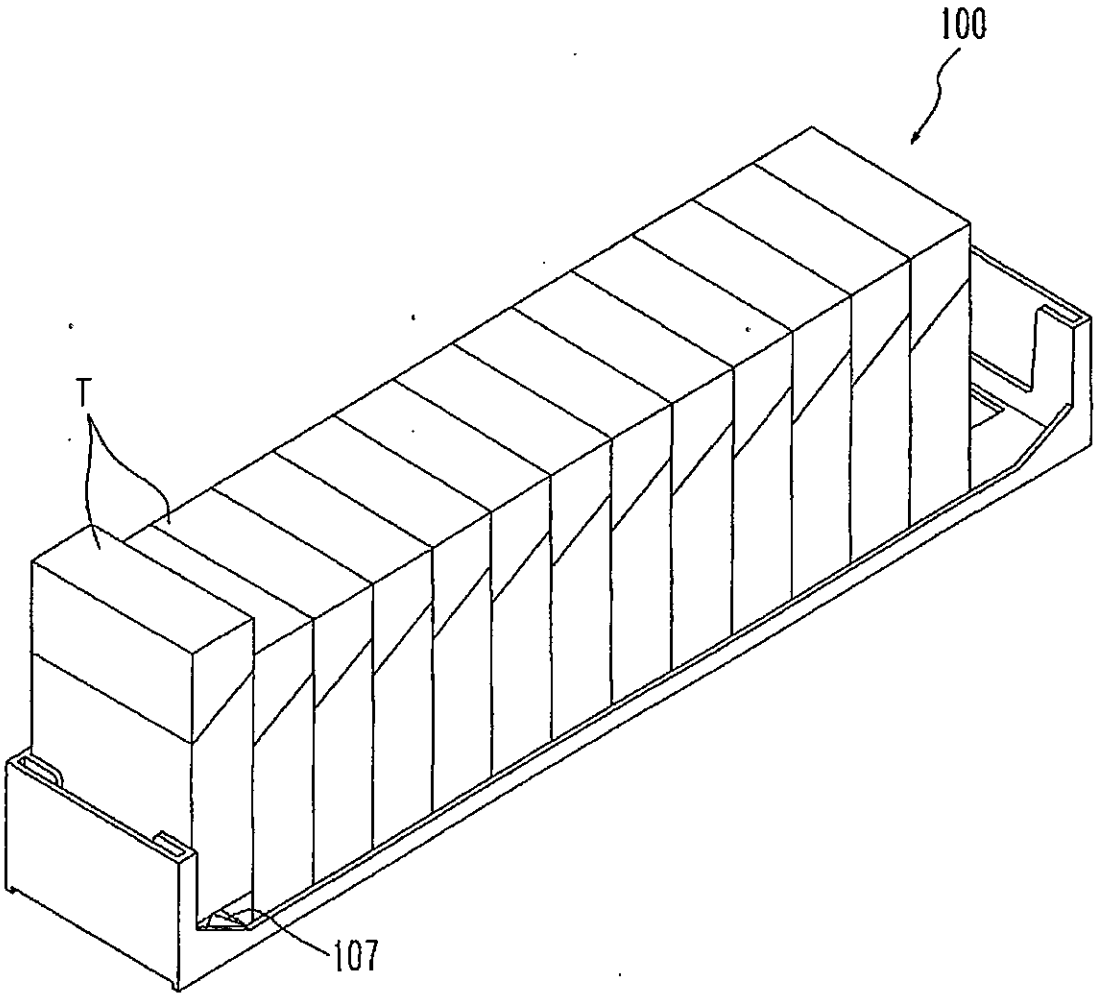


Fig.5

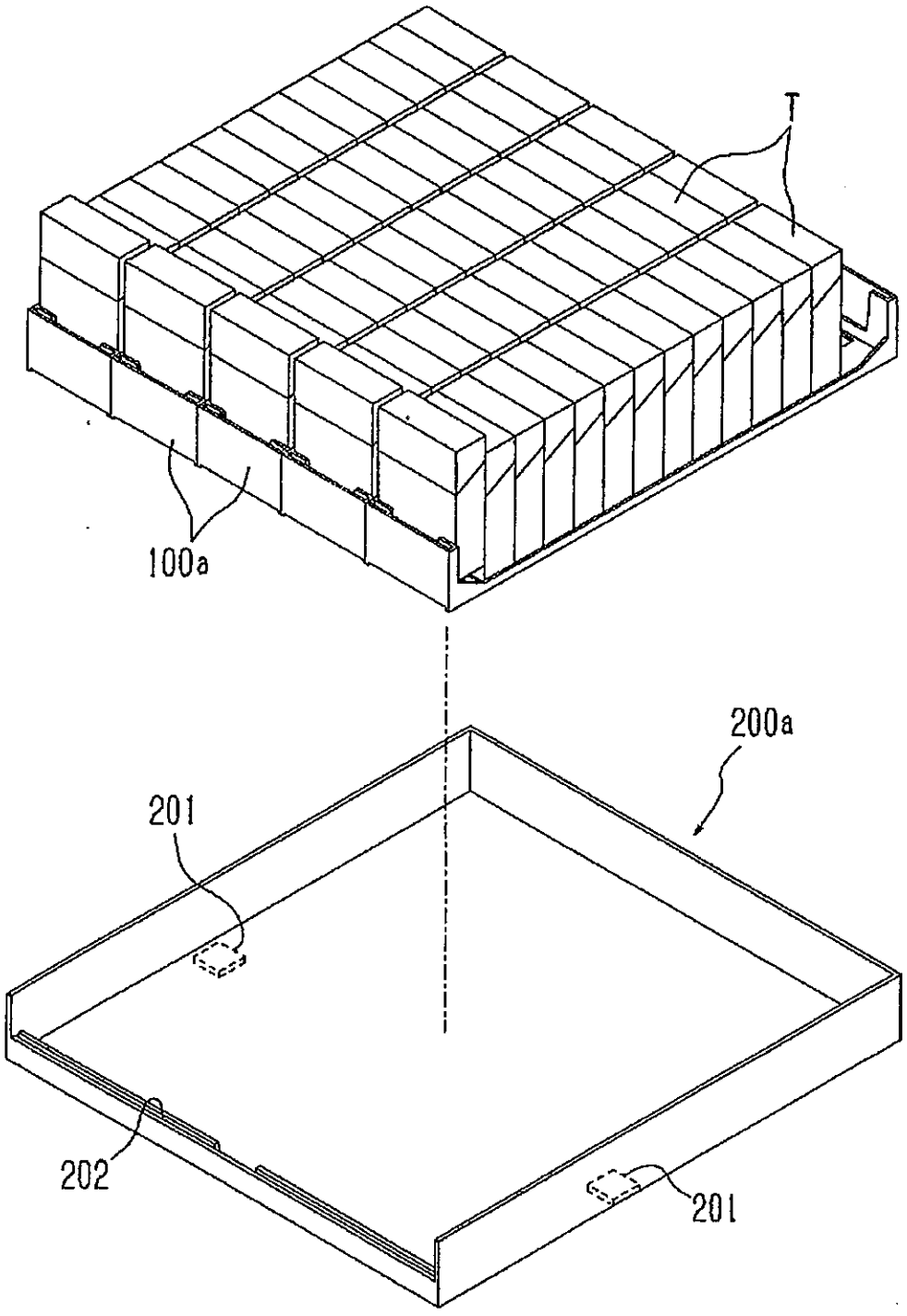


Fig.6

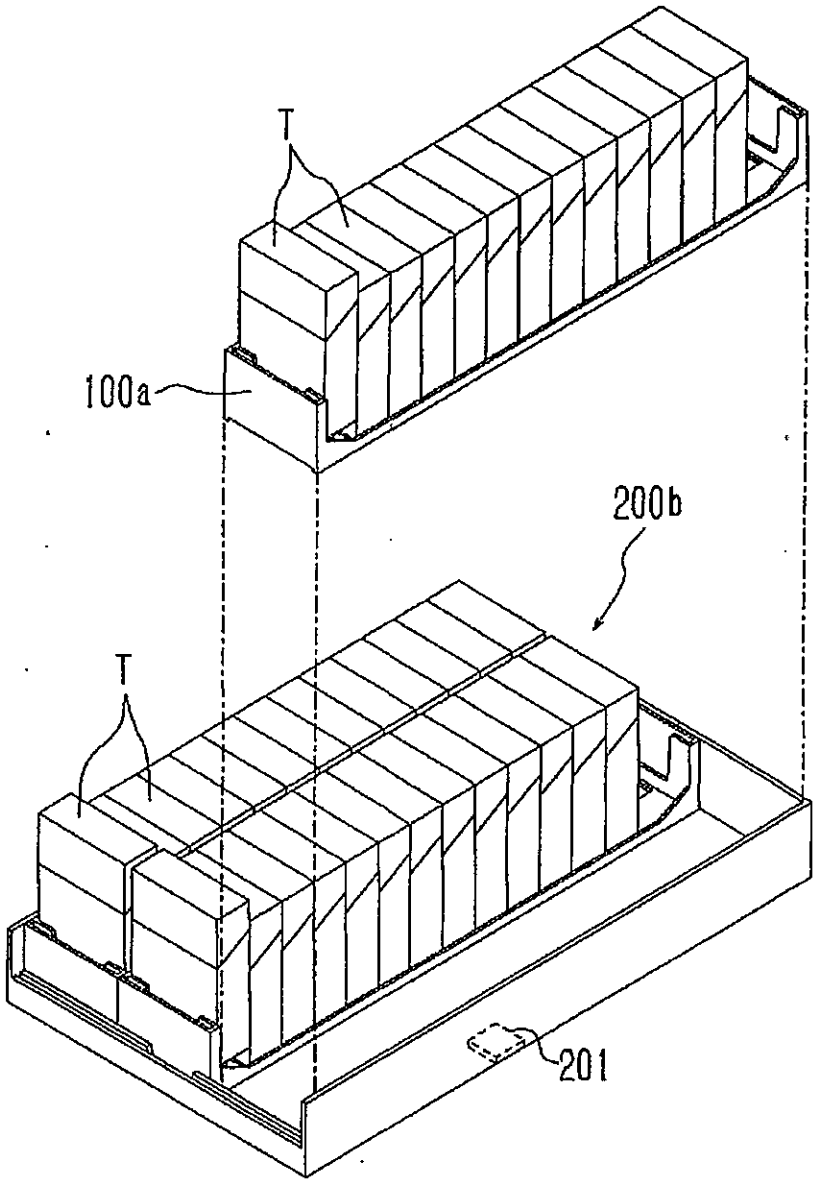


Fig.7

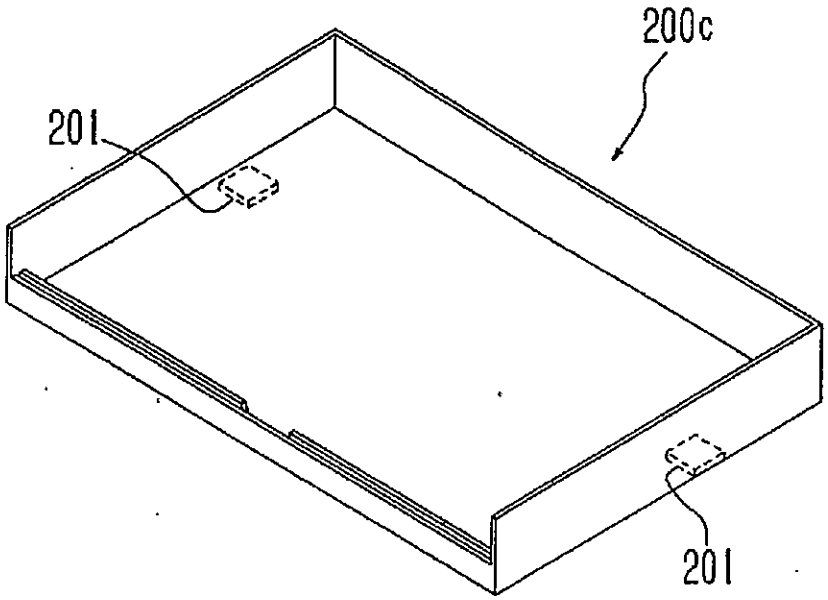


Fig.8

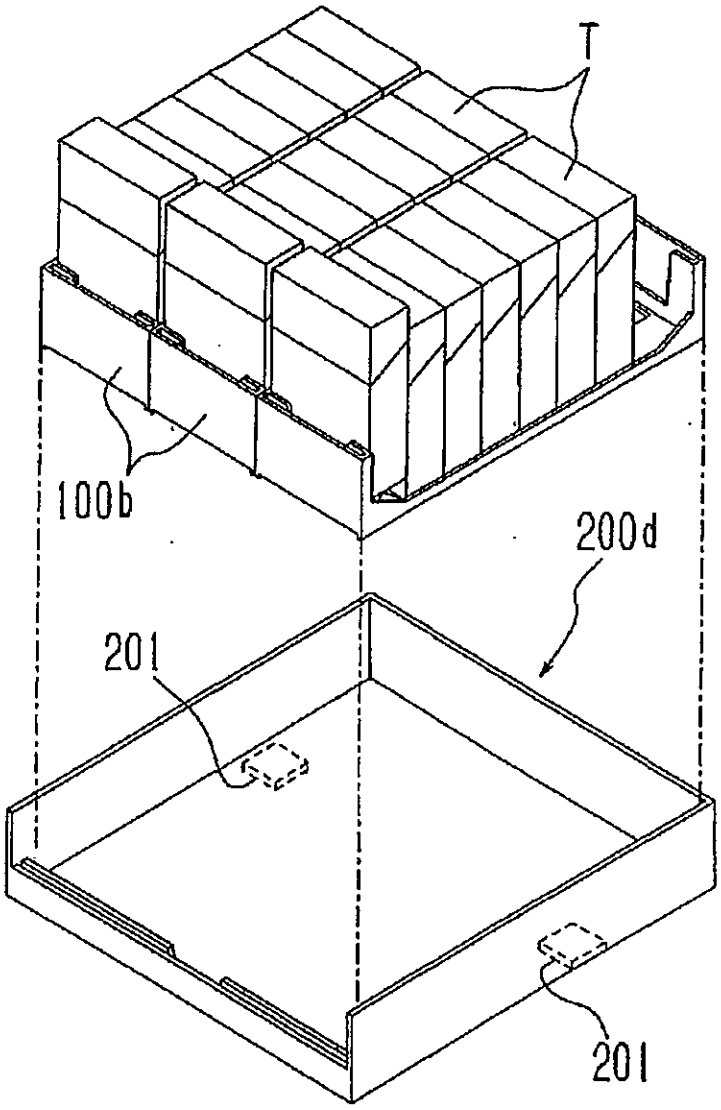


Fig.9

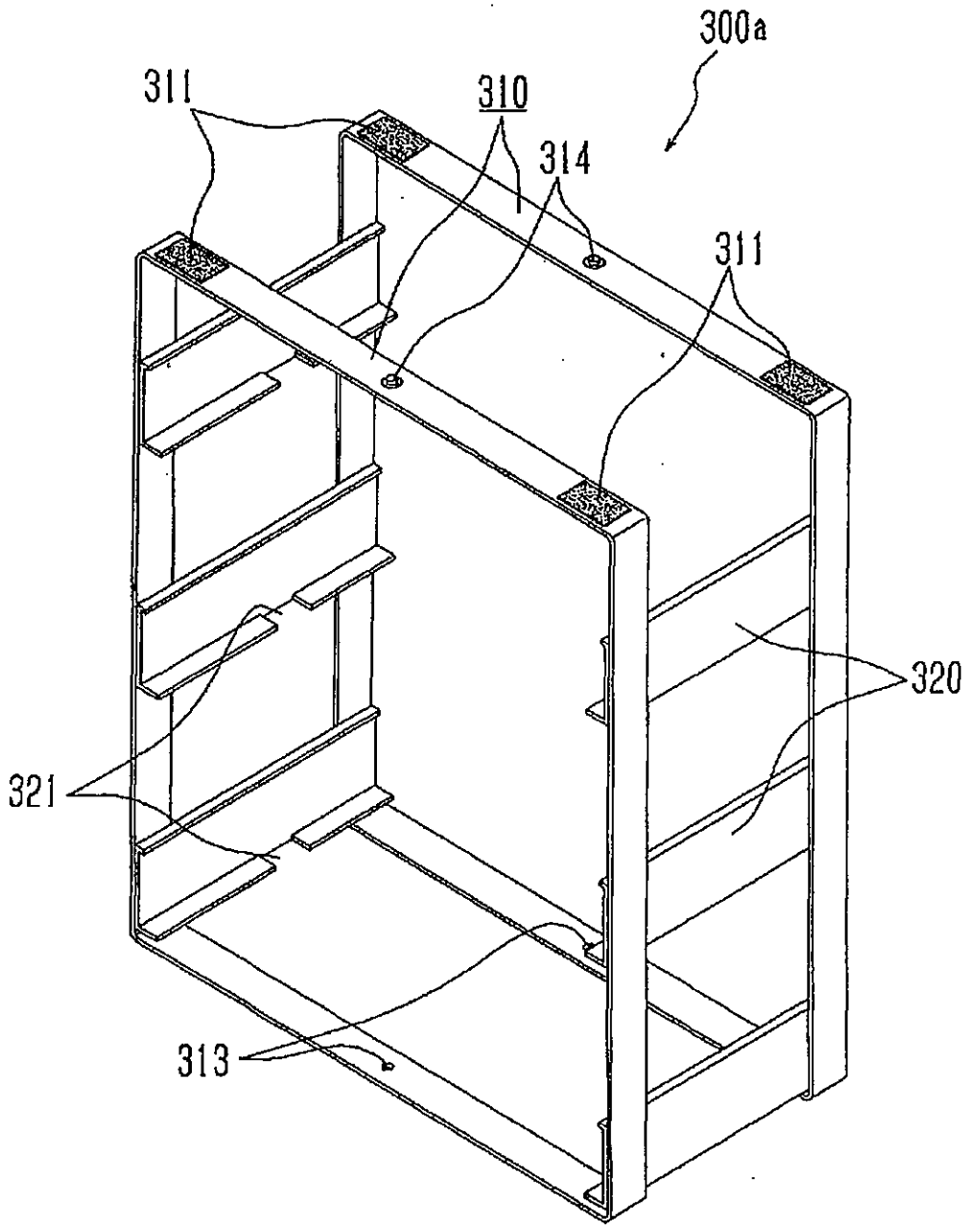


Fig.10

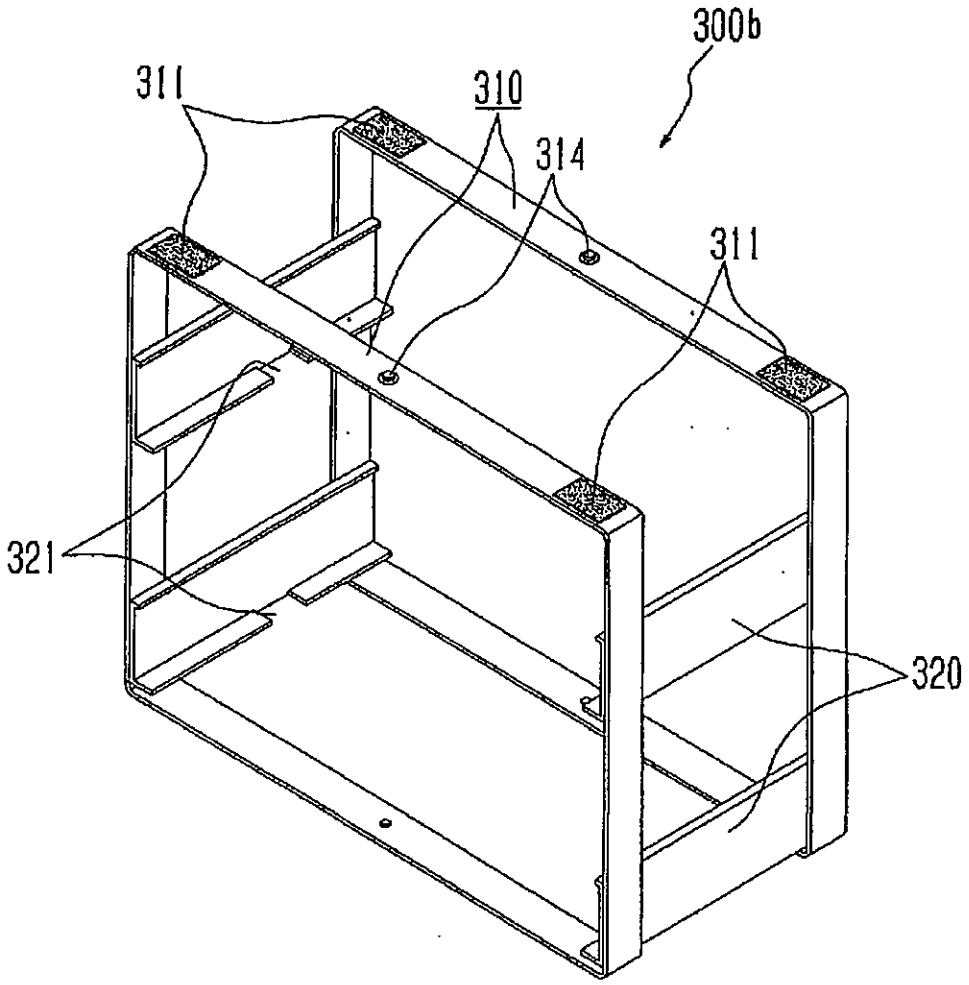


Fig.11

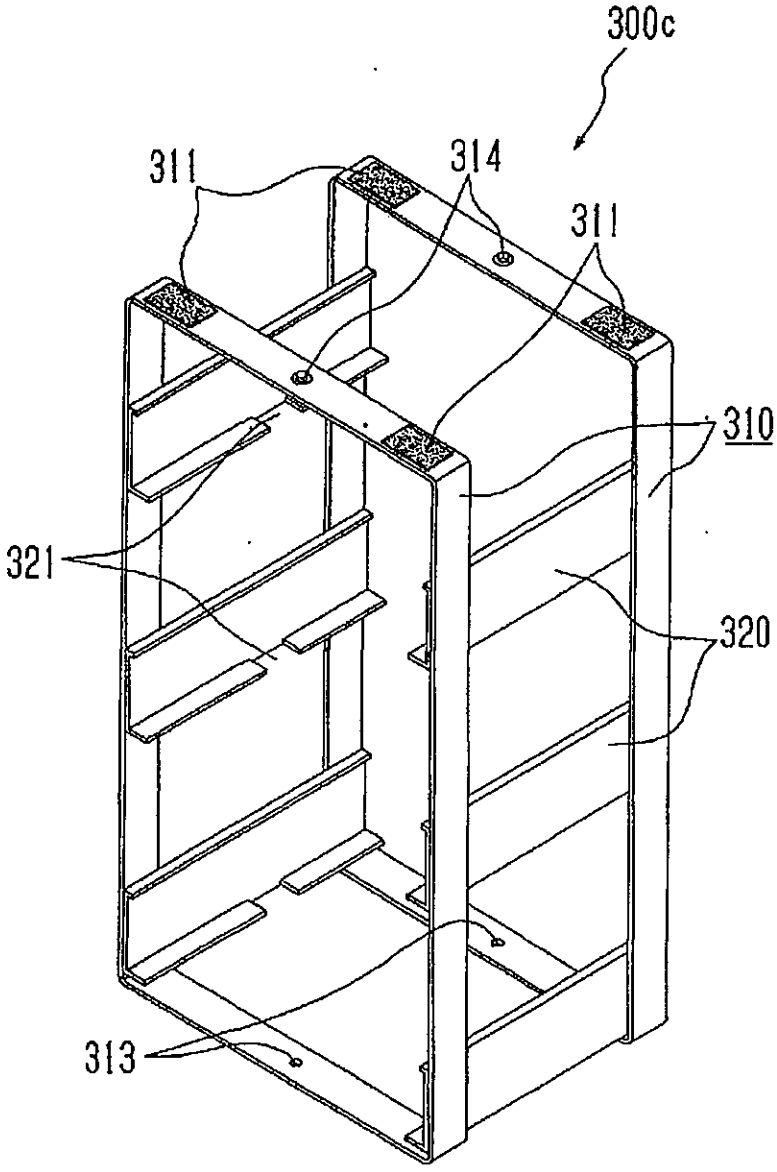


Fig.12

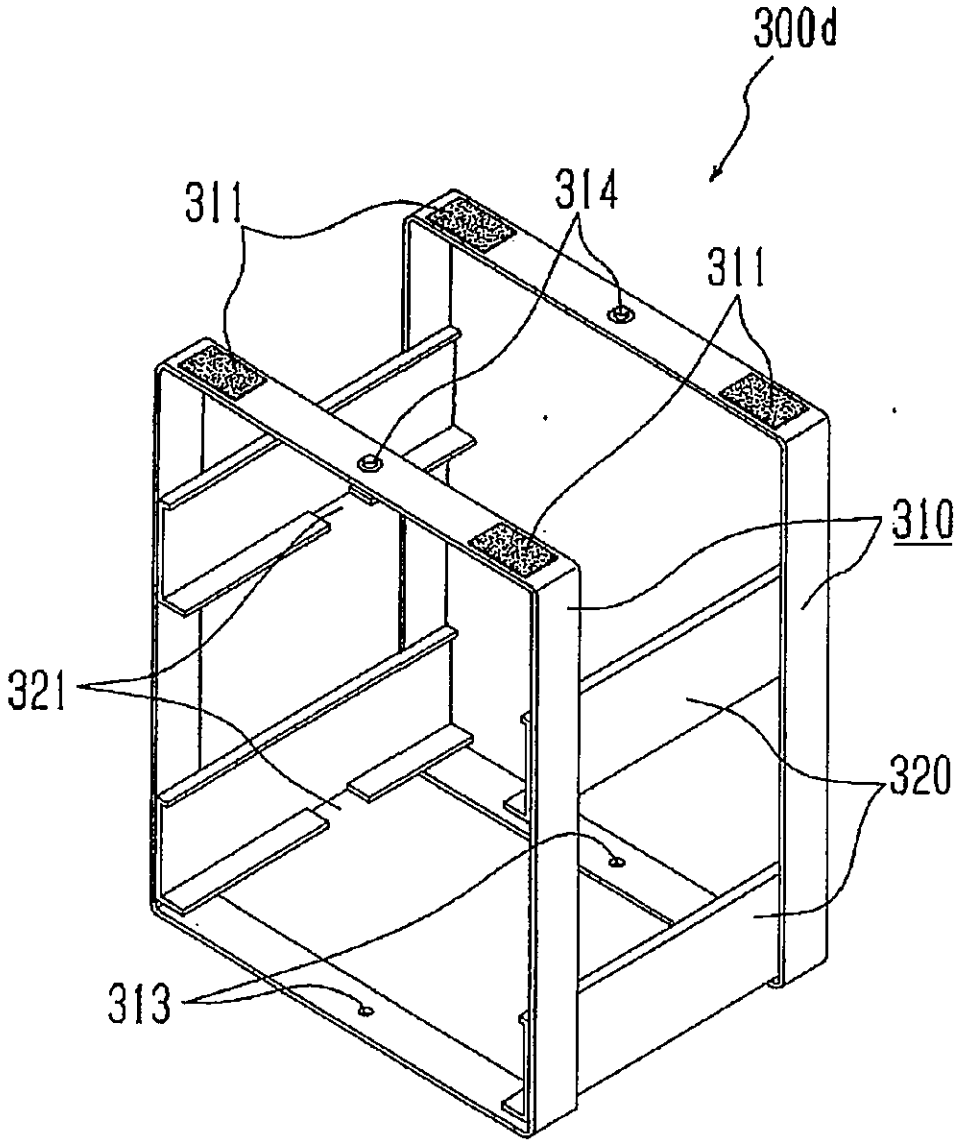


Fig.13

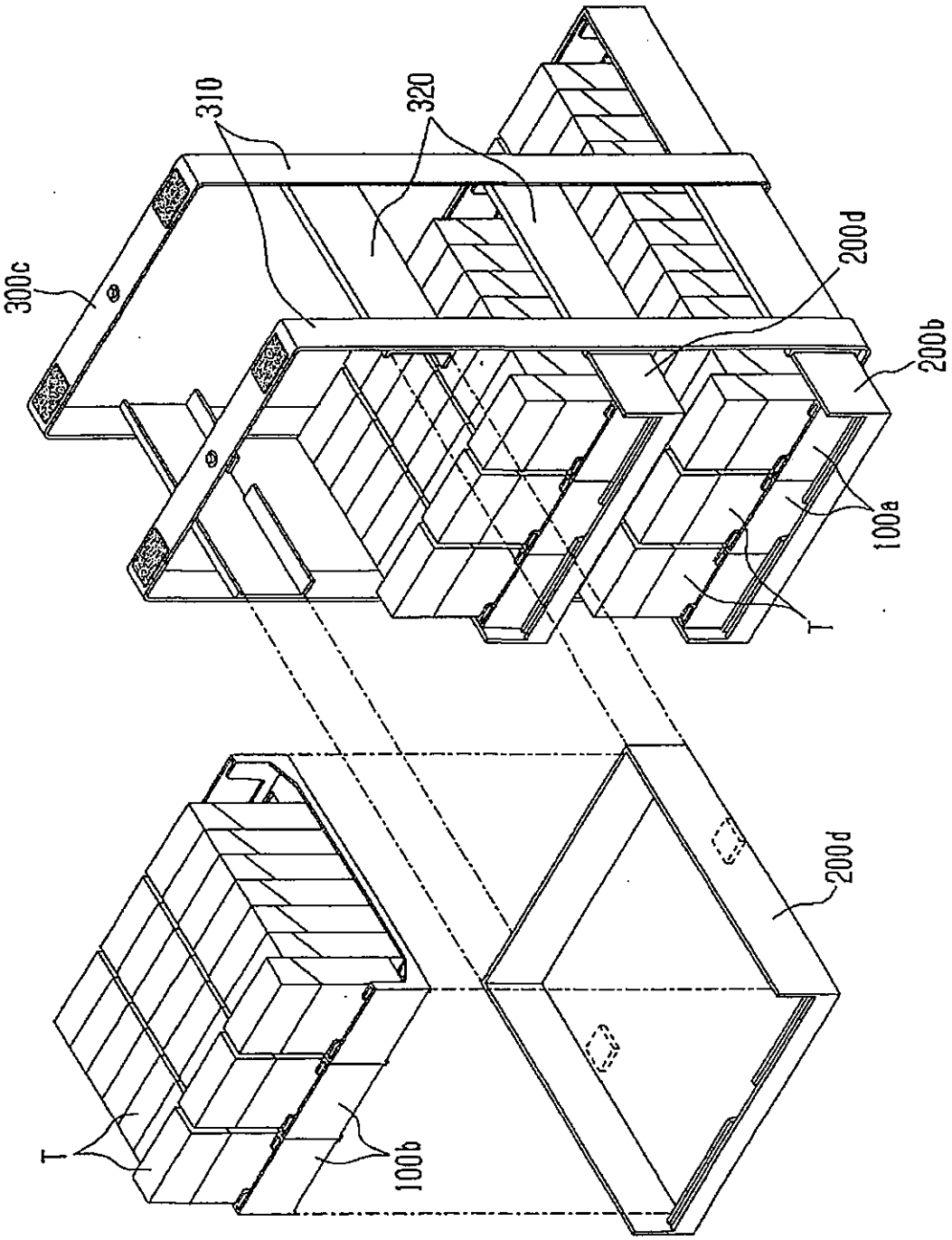
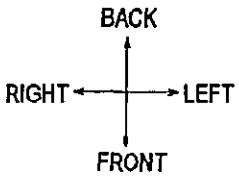
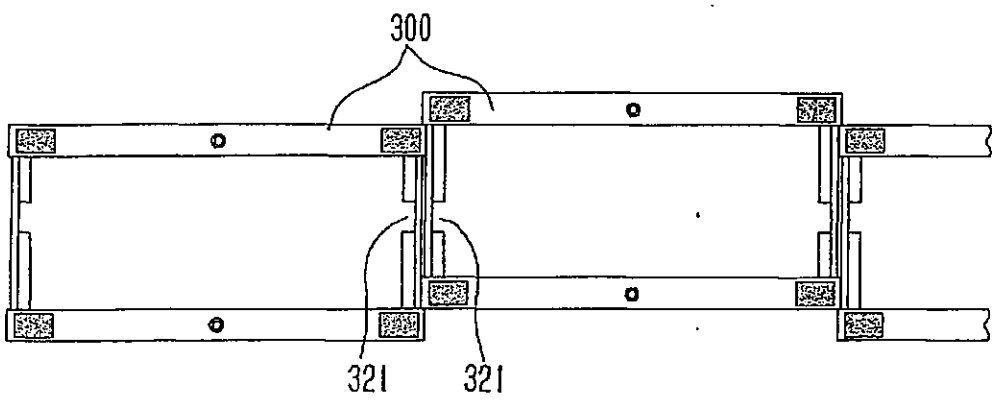


Fig.14



(a)



(b)

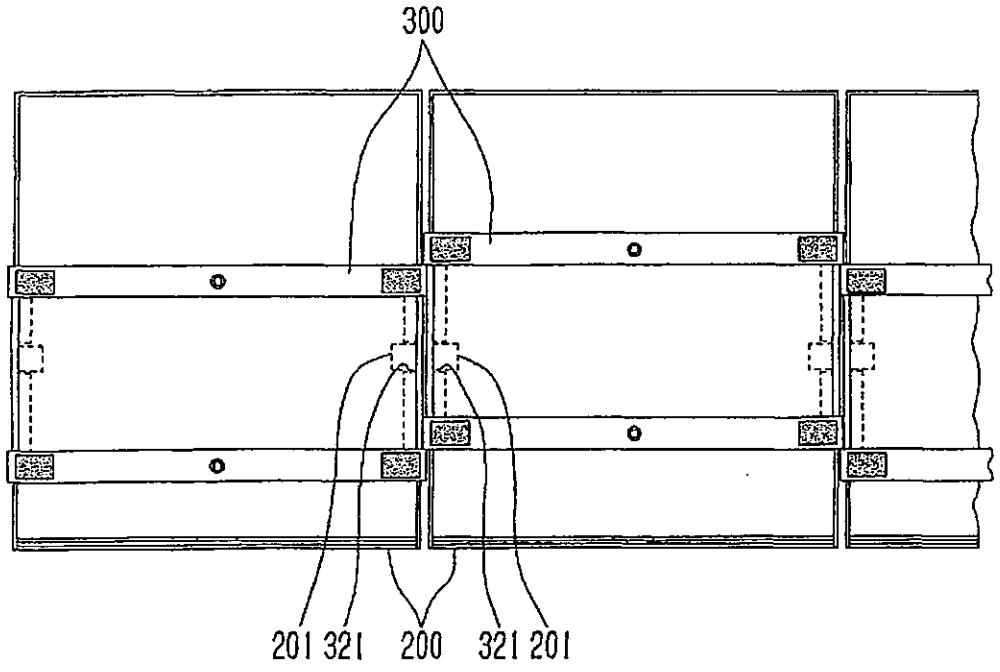


Fig.15

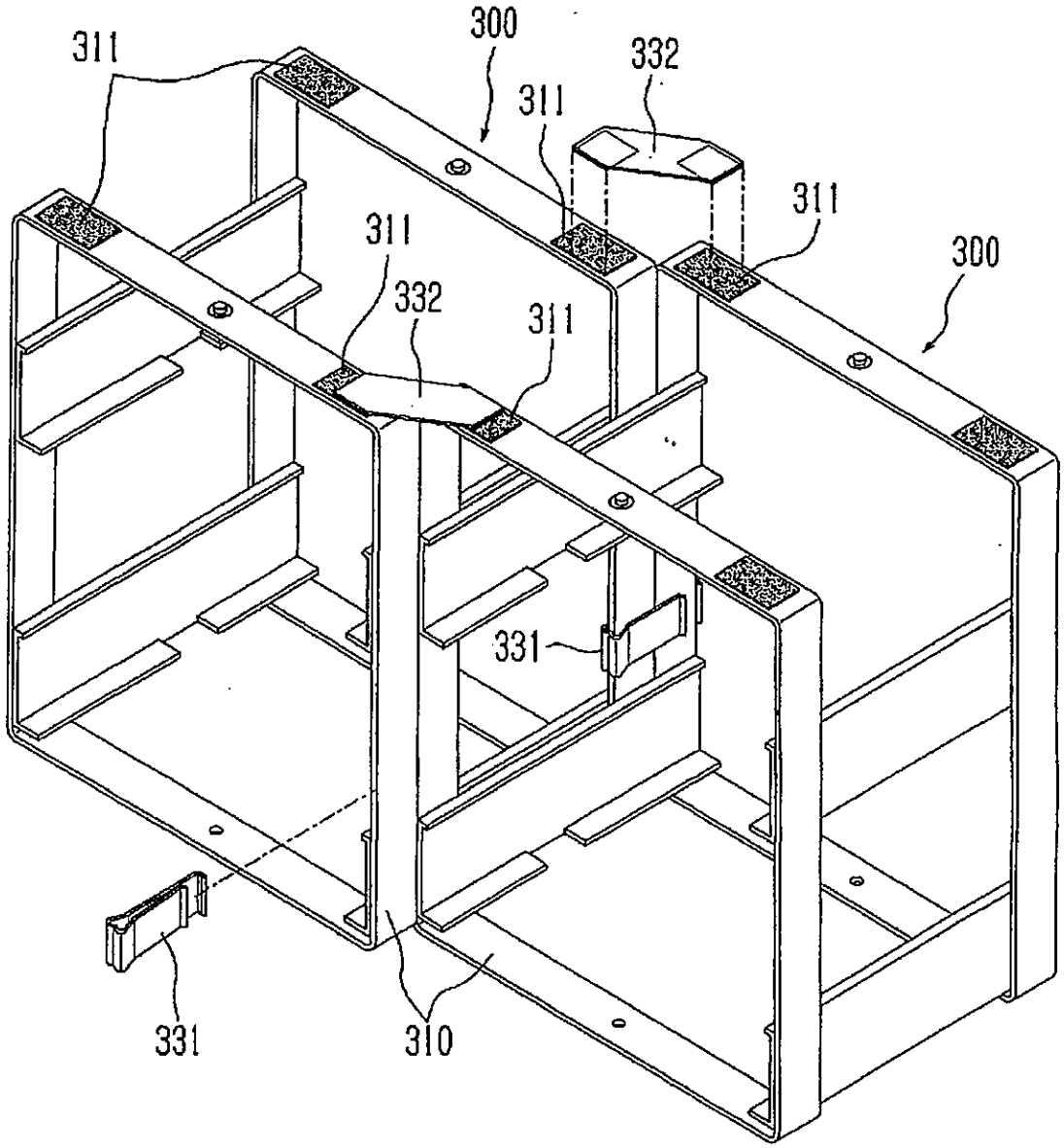


Fig.16

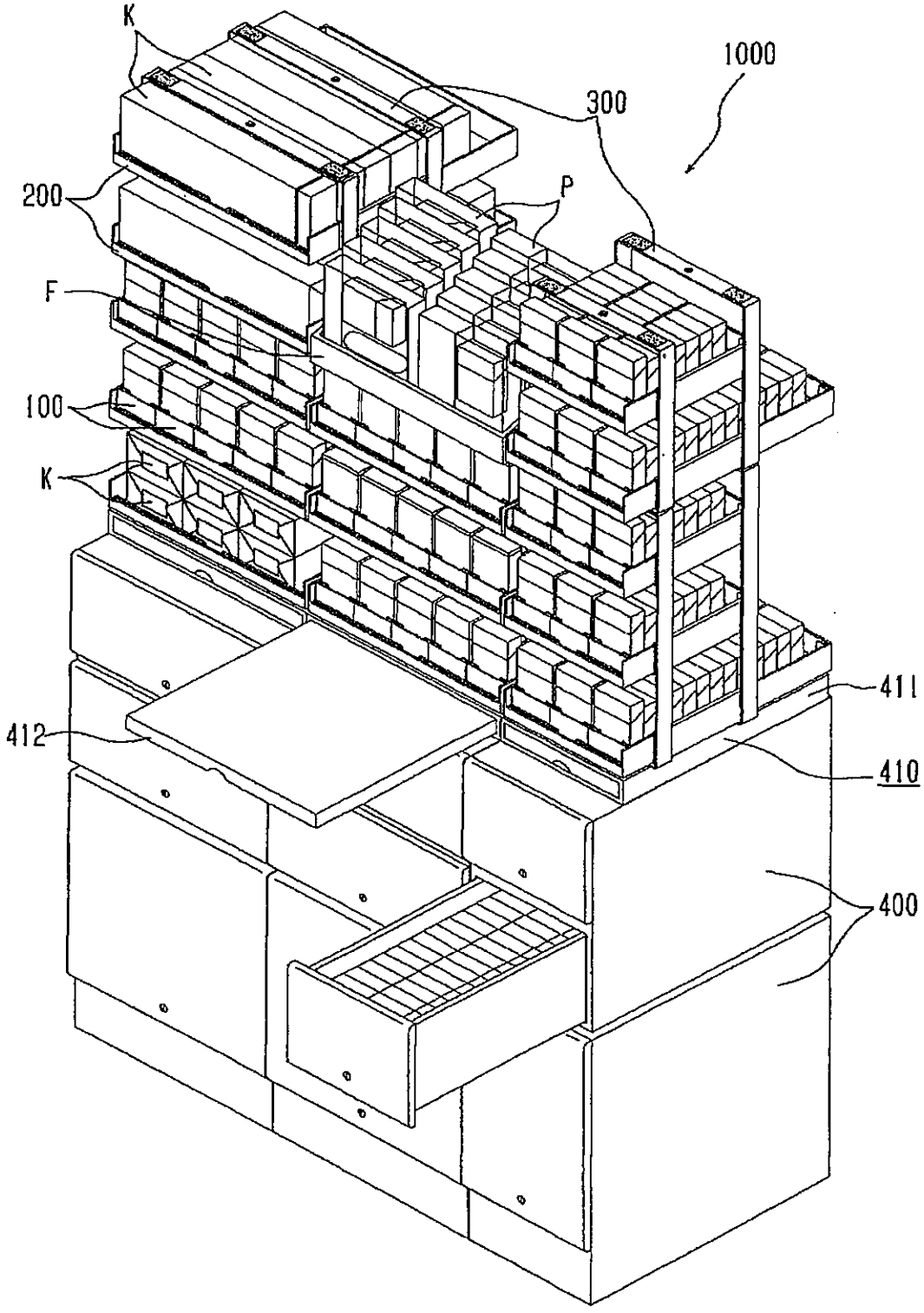


Fig.17

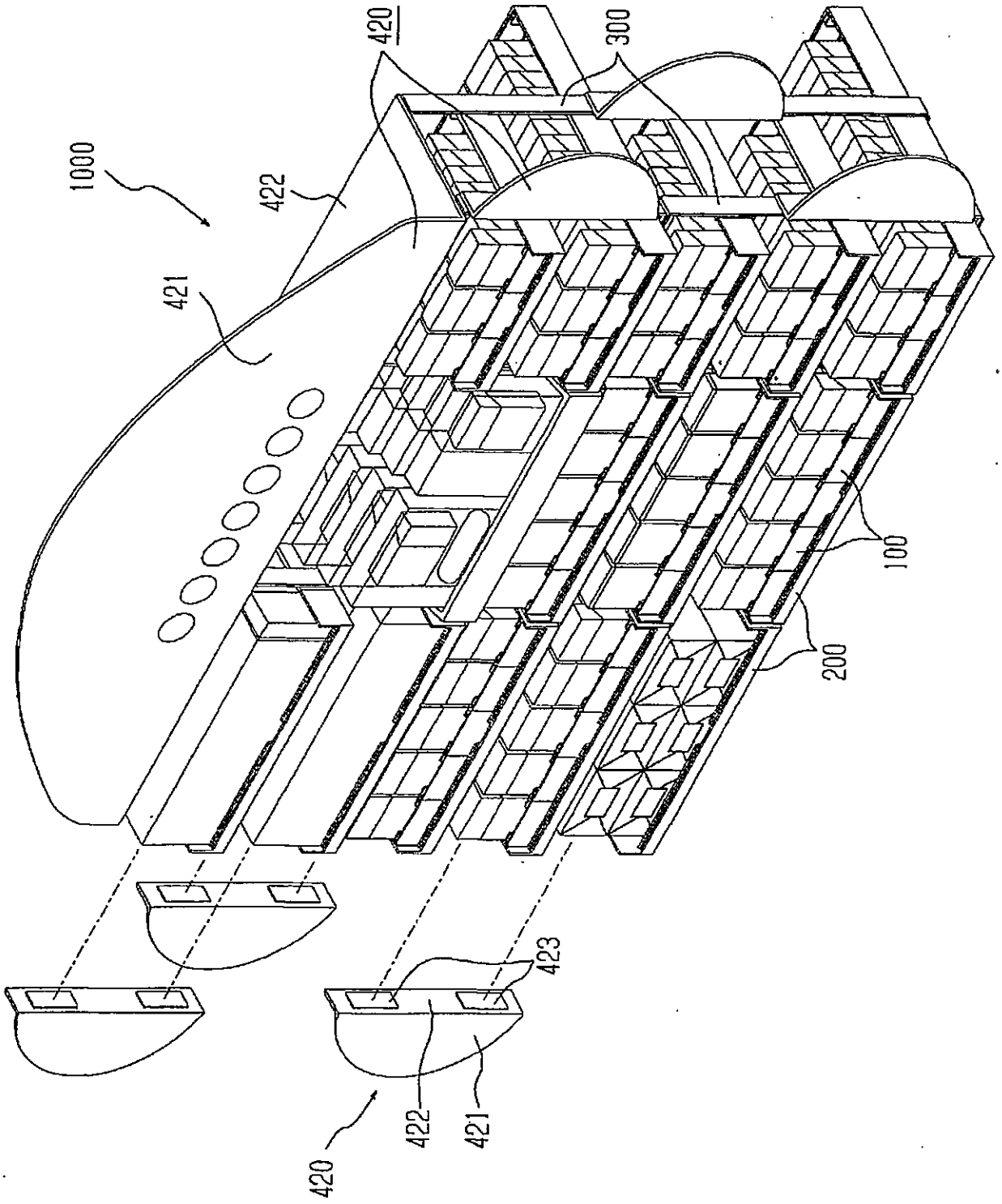


Fig.18

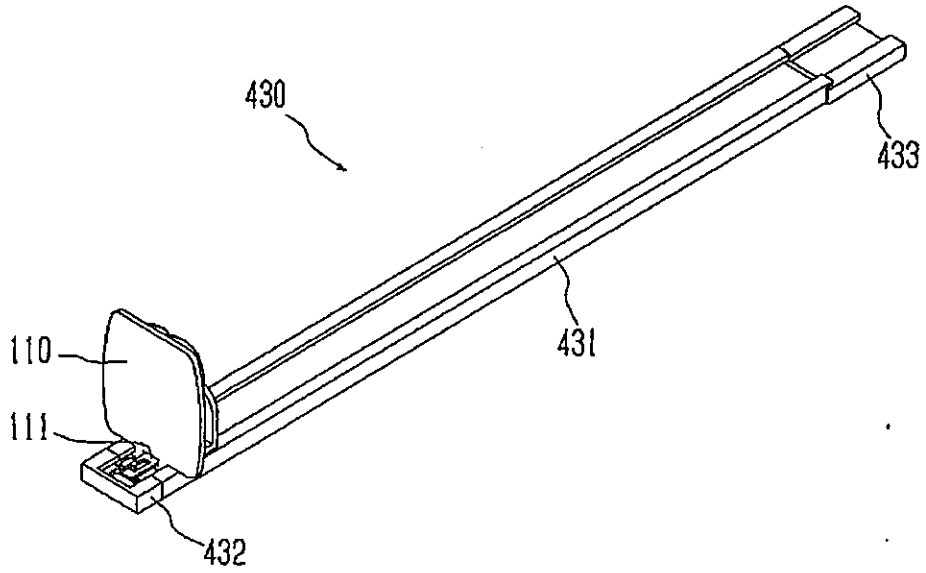


Fig.19

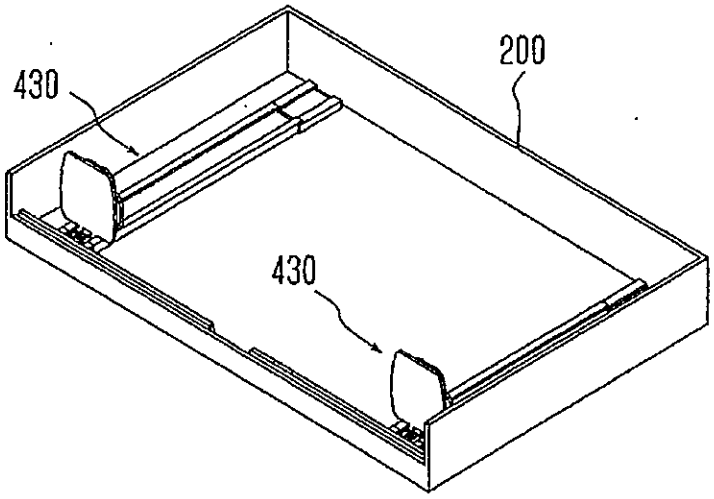
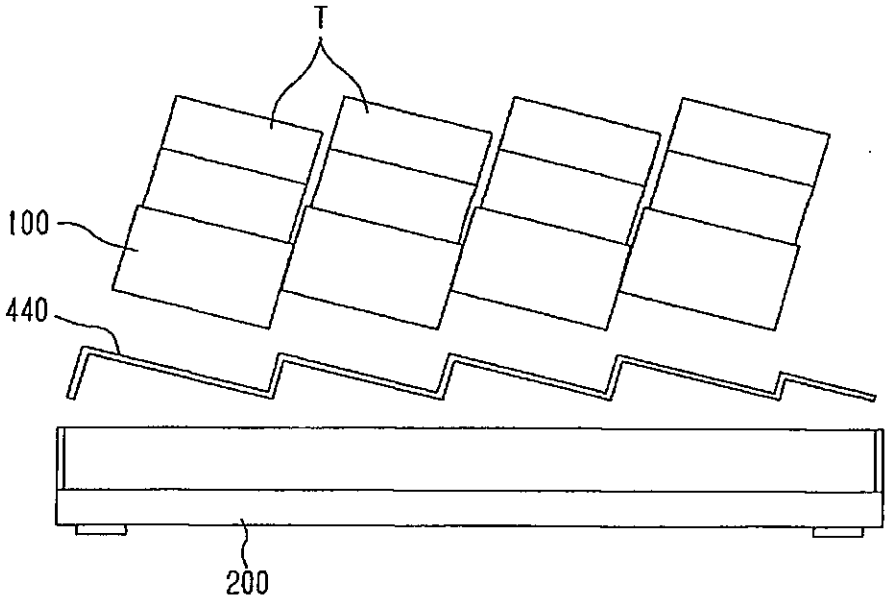


Fig.20

(a)



(b)

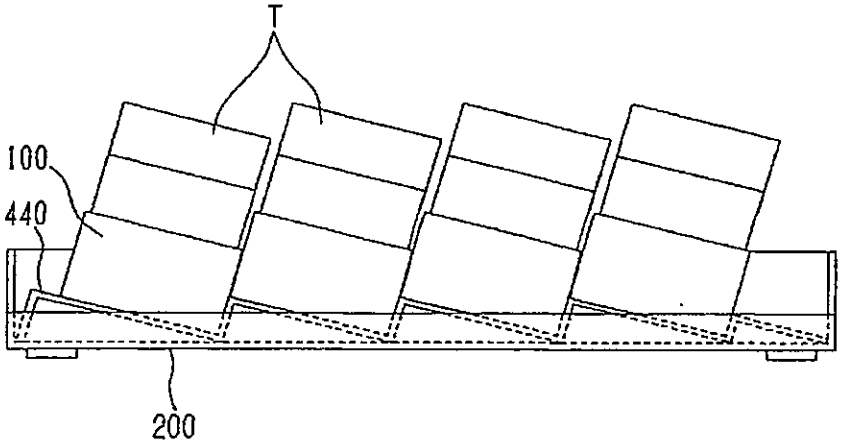


Fig.21

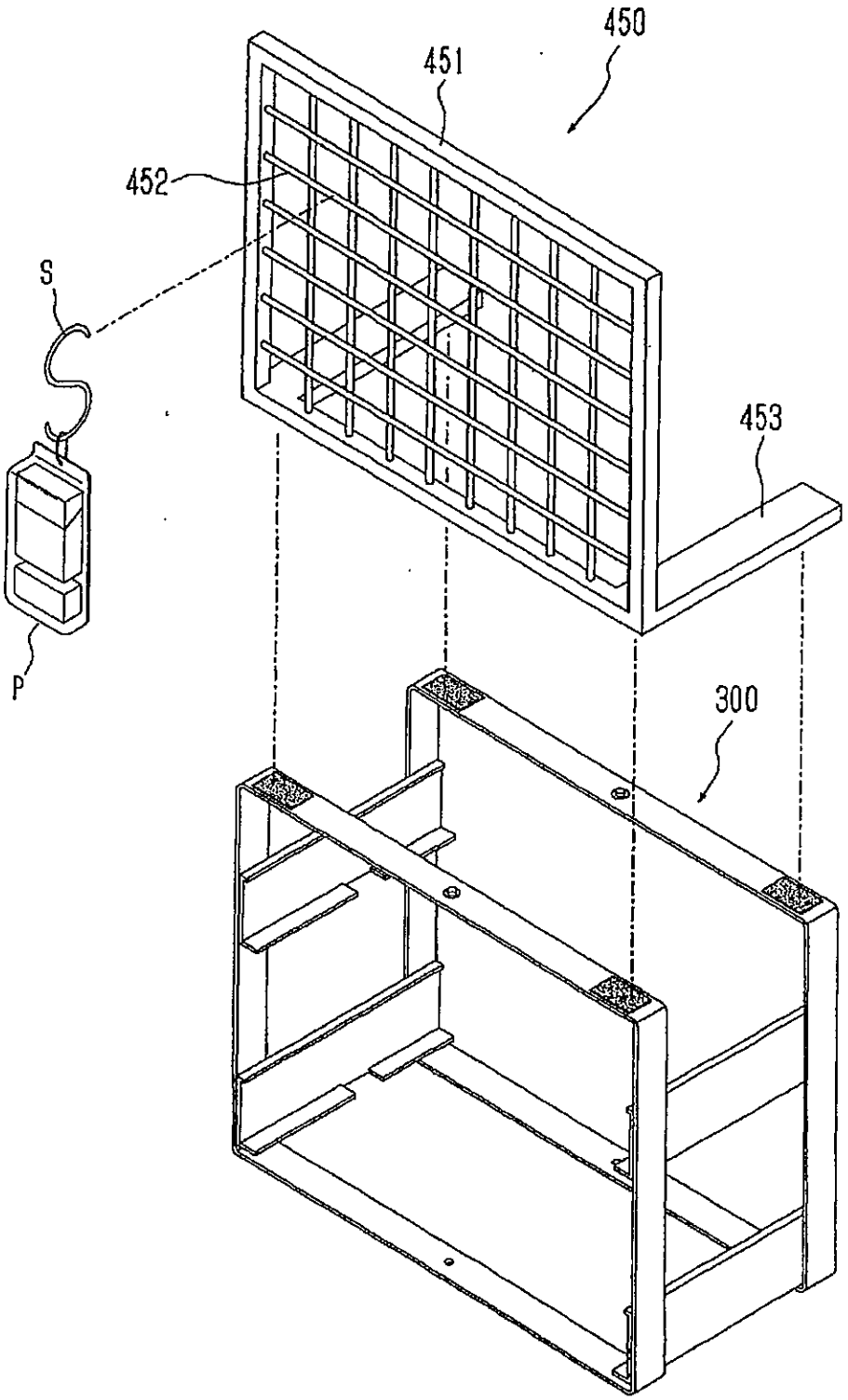


Fig.22

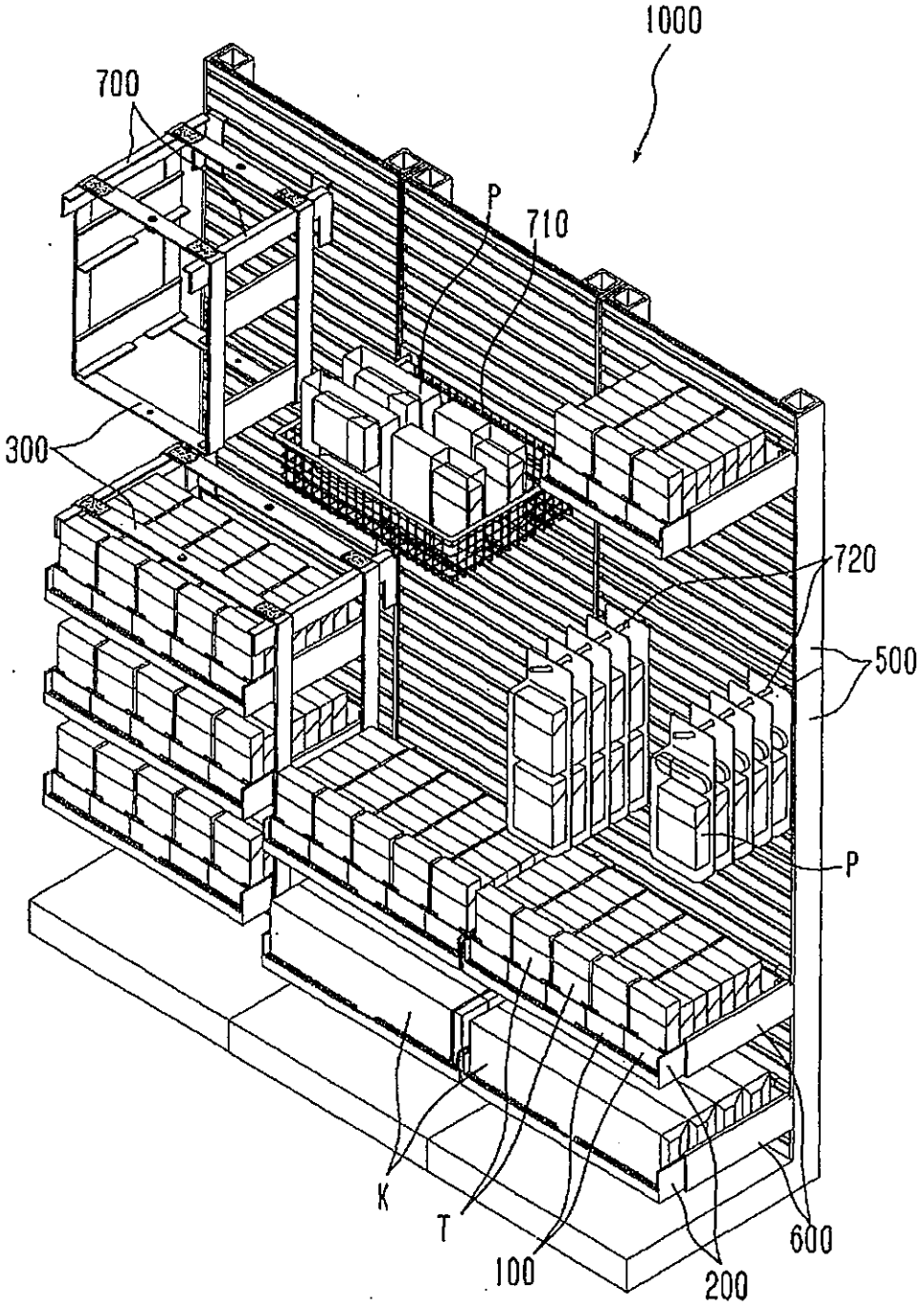


Fig.23

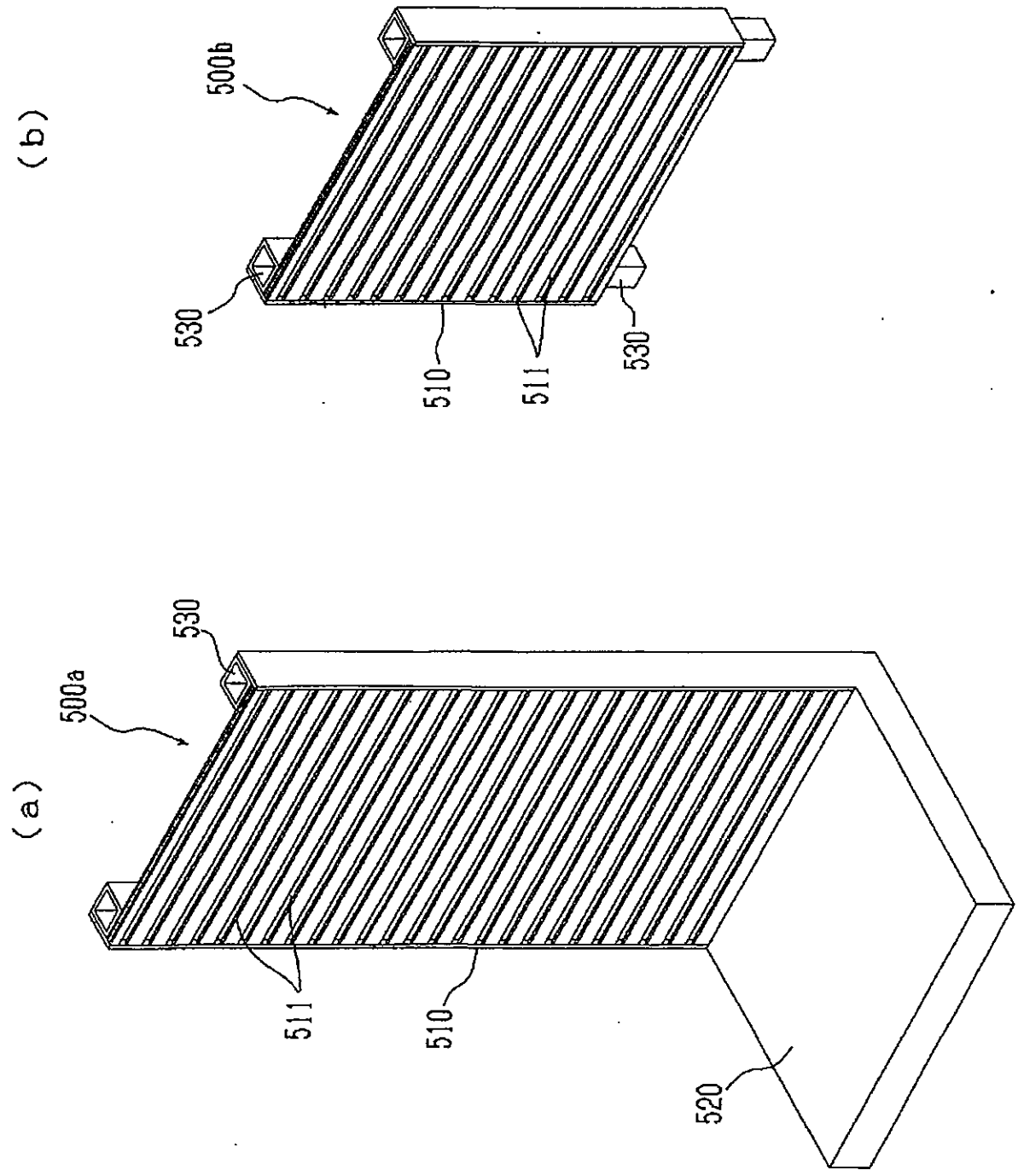
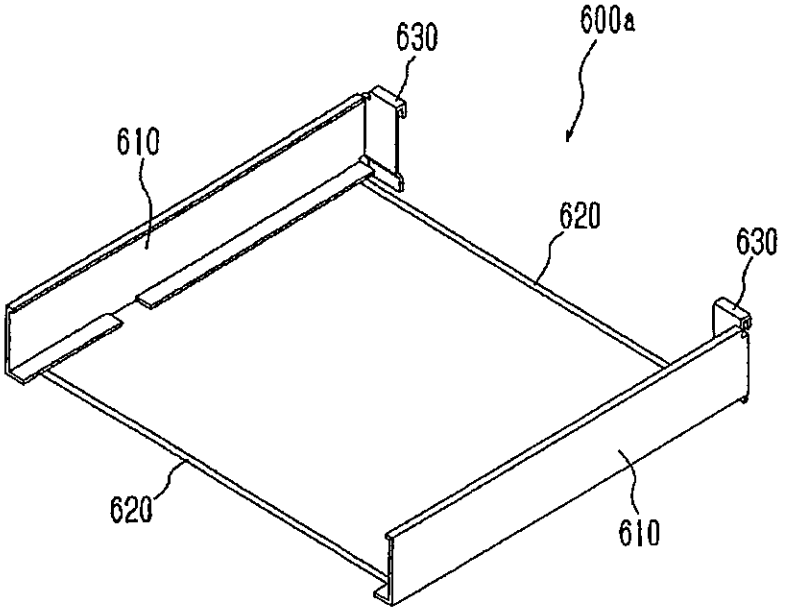


Fig.24

(a)



(b)

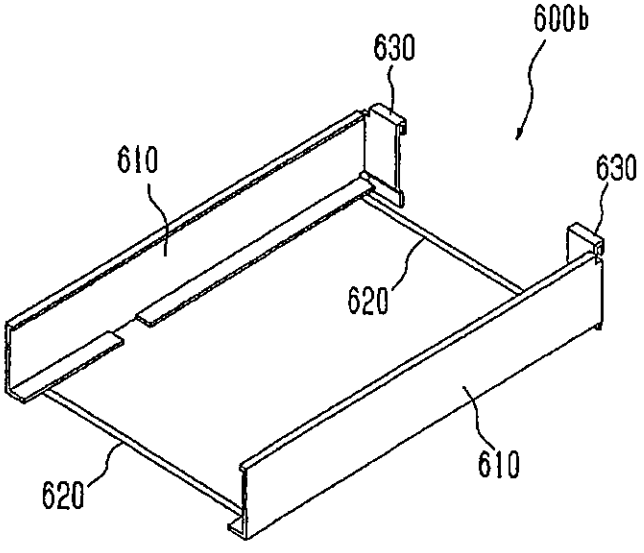
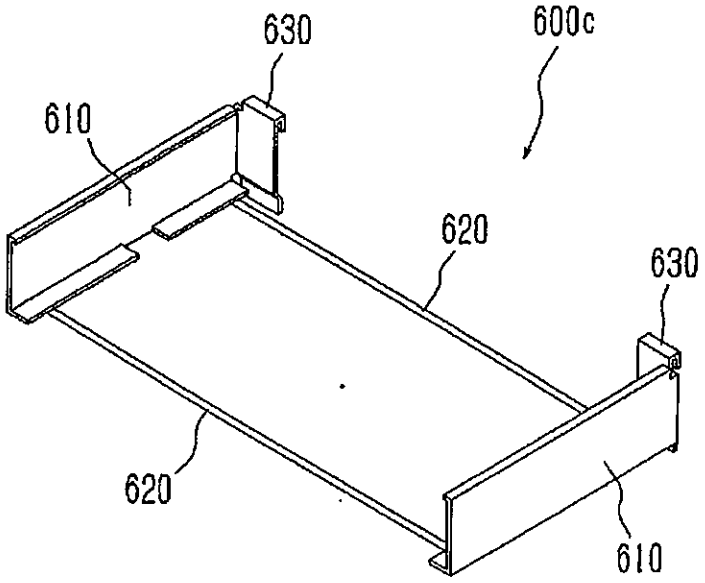


Fig.25

(a)



(b)

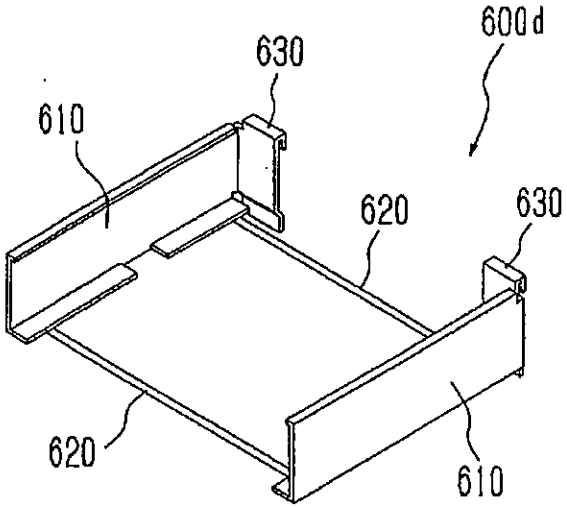


Fig.26

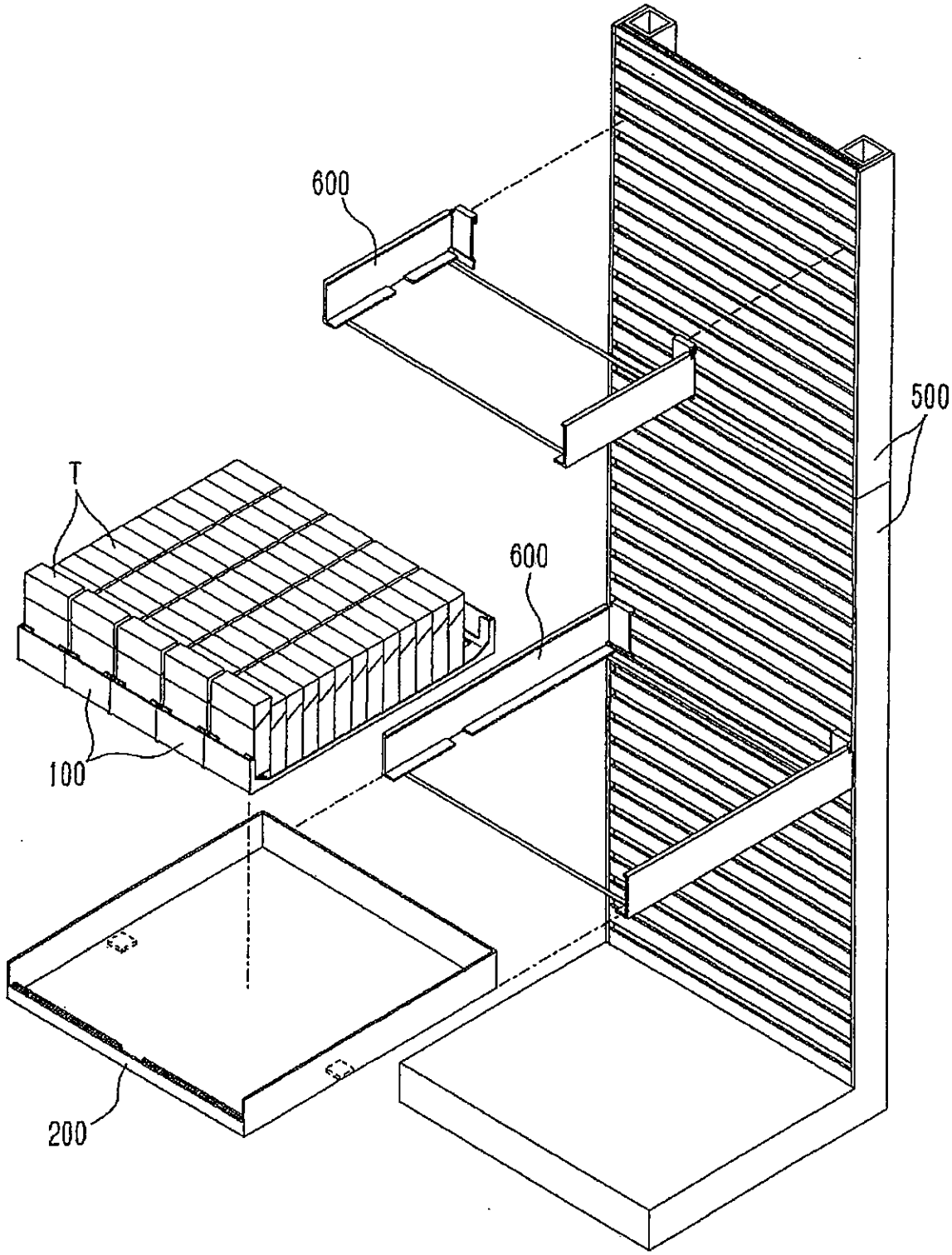


Fig.27

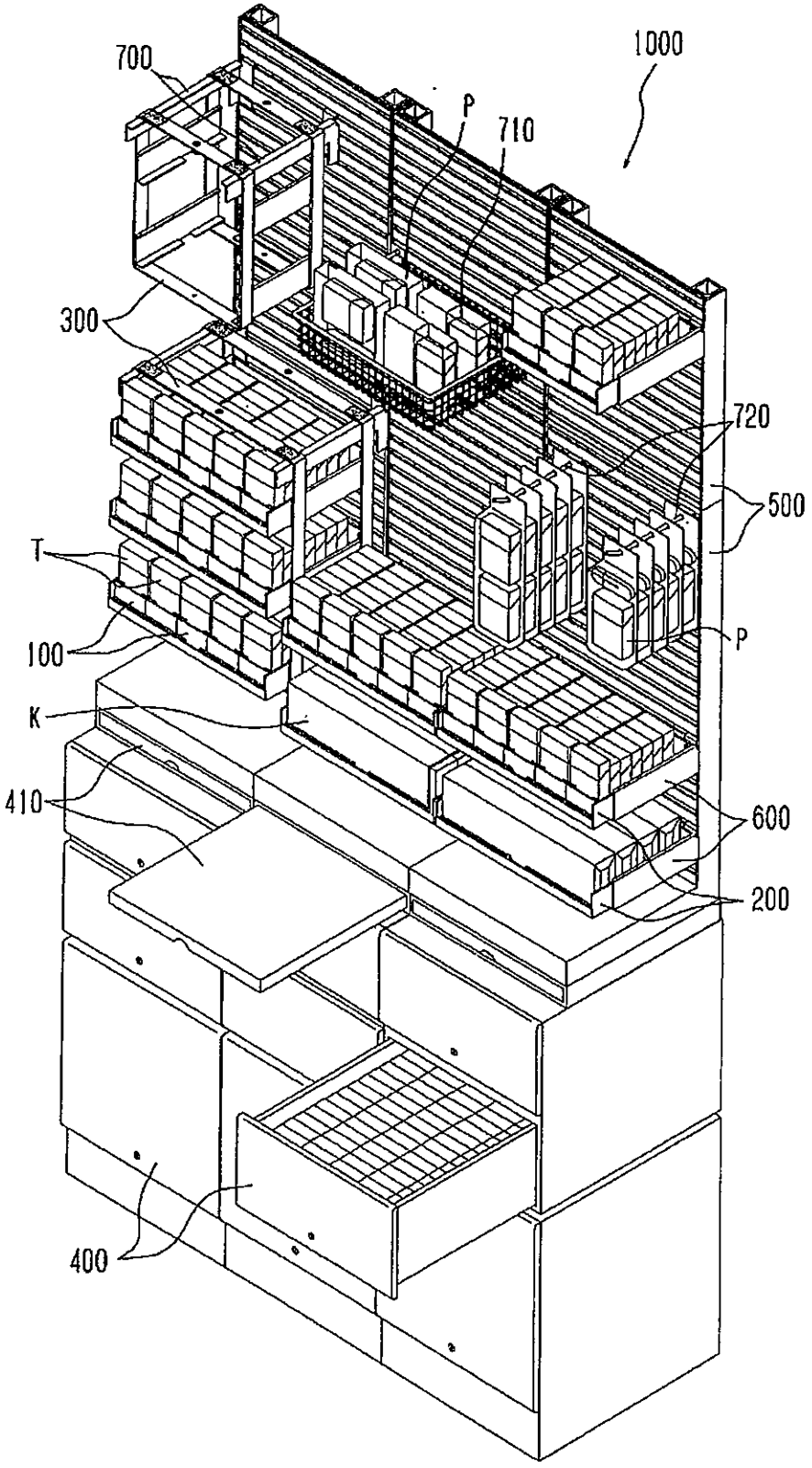


Fig.28

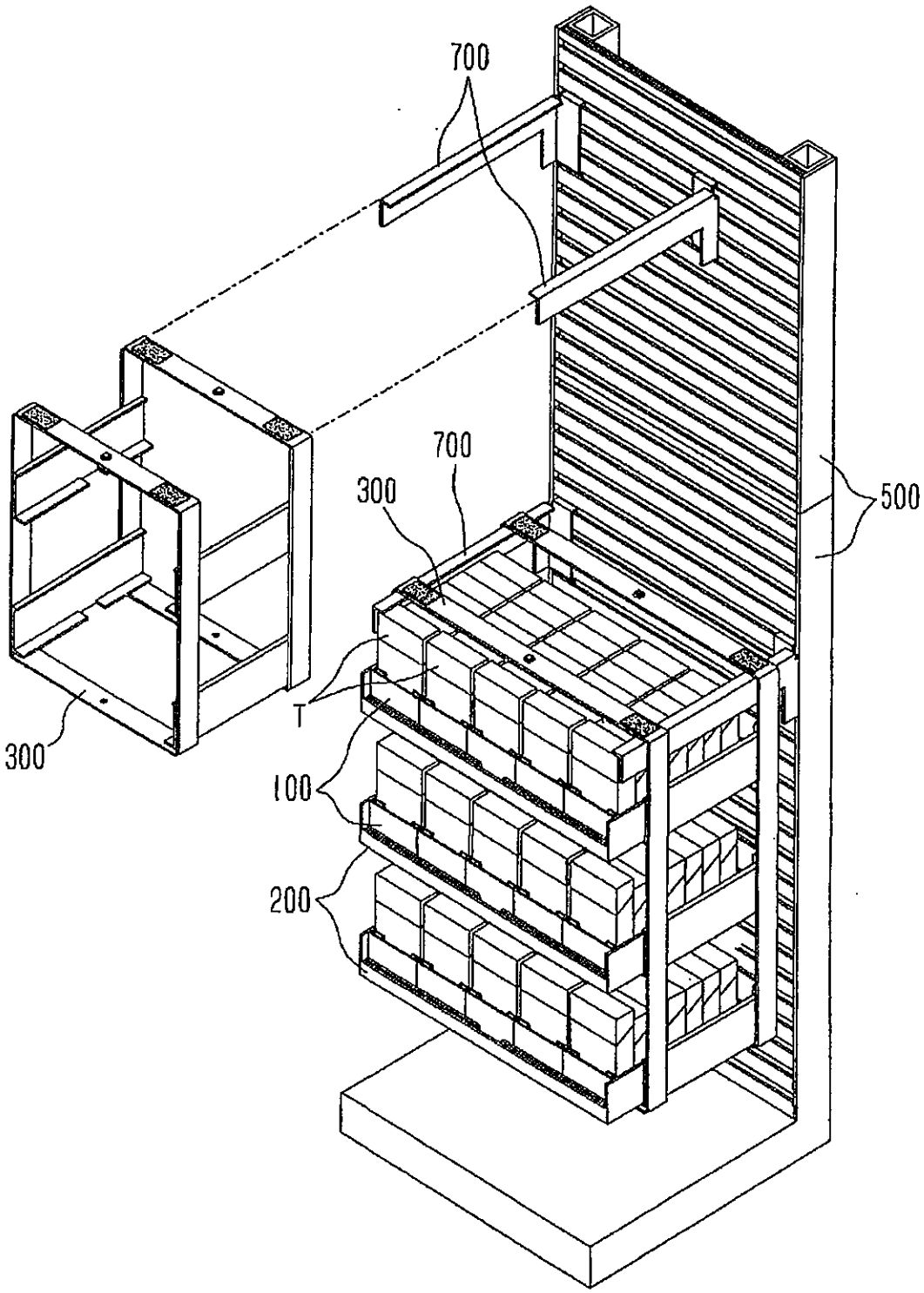


Fig.29

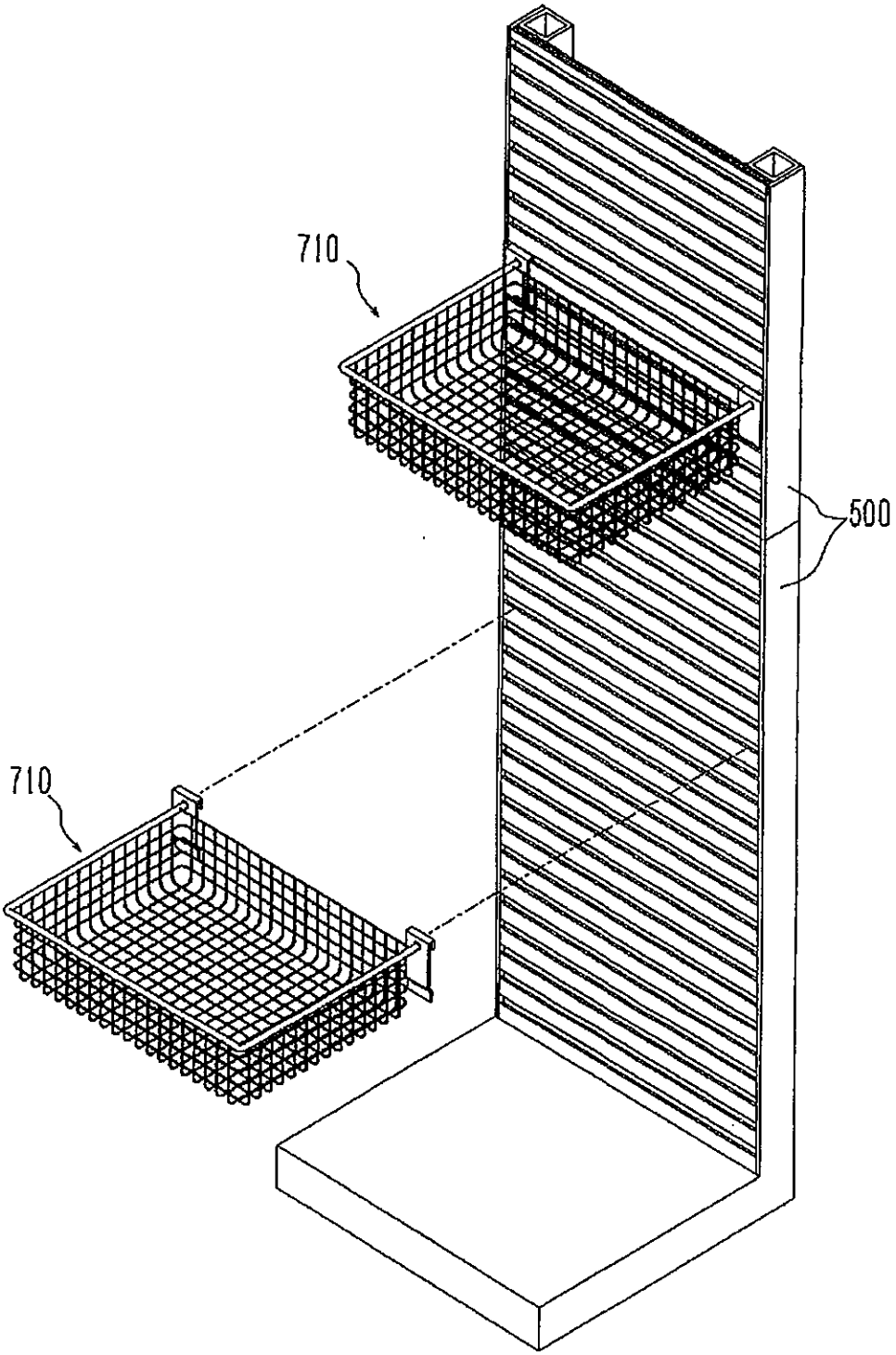


Fig.30

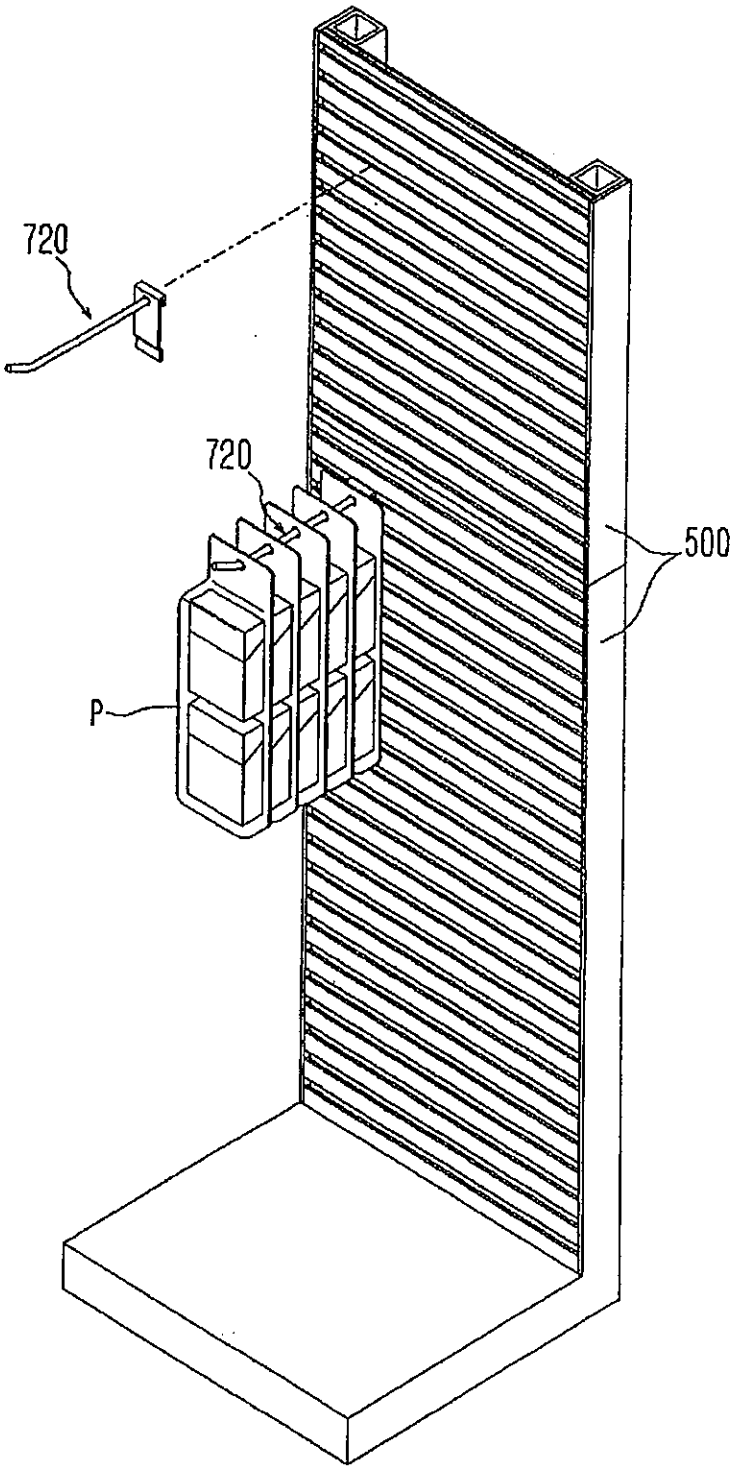


Fig.31

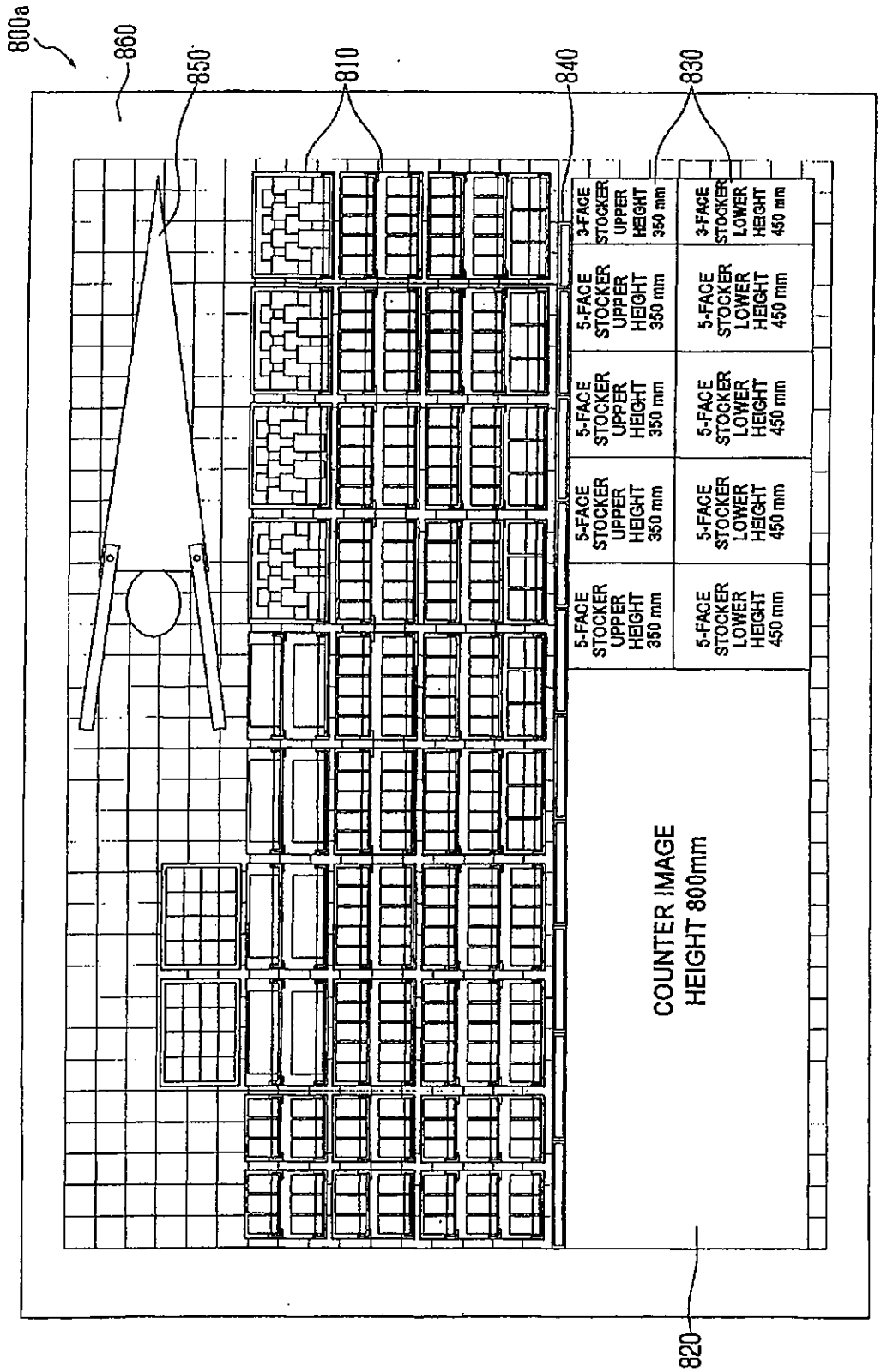

800a
860
850
810
840
830
3-FACE STOCKER UPPER HEIGHT 350 mm
3-FACE STOCKER LOWER HEIGHT 450 mm
5-FACE STOCKER UPPER HEIGHT 350 mm
5-FACE STOCKER LOWER HEIGHT 450 mm
COUNTER IMAGE
HEIGHT 800mm
820

Fig.32

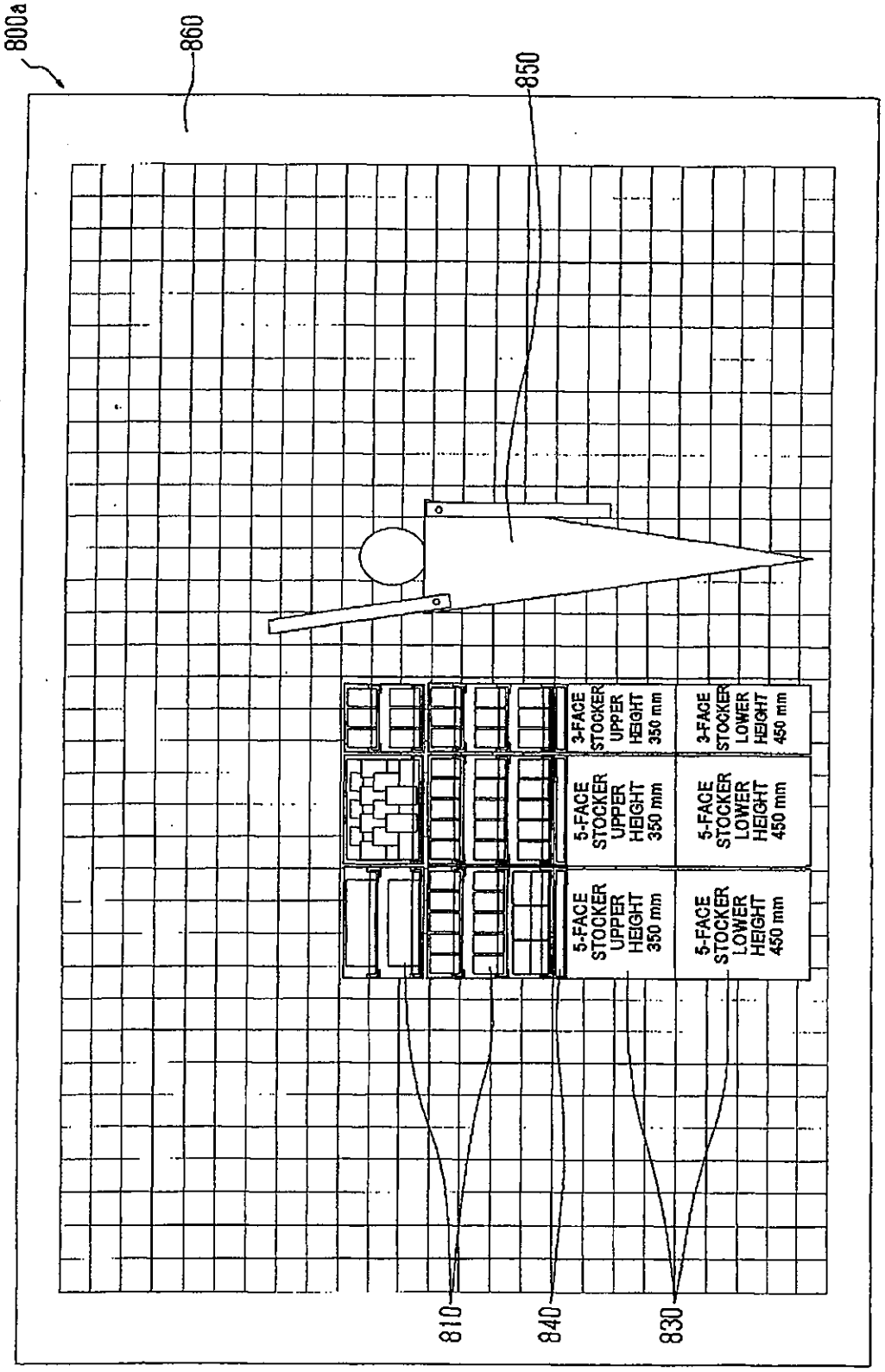
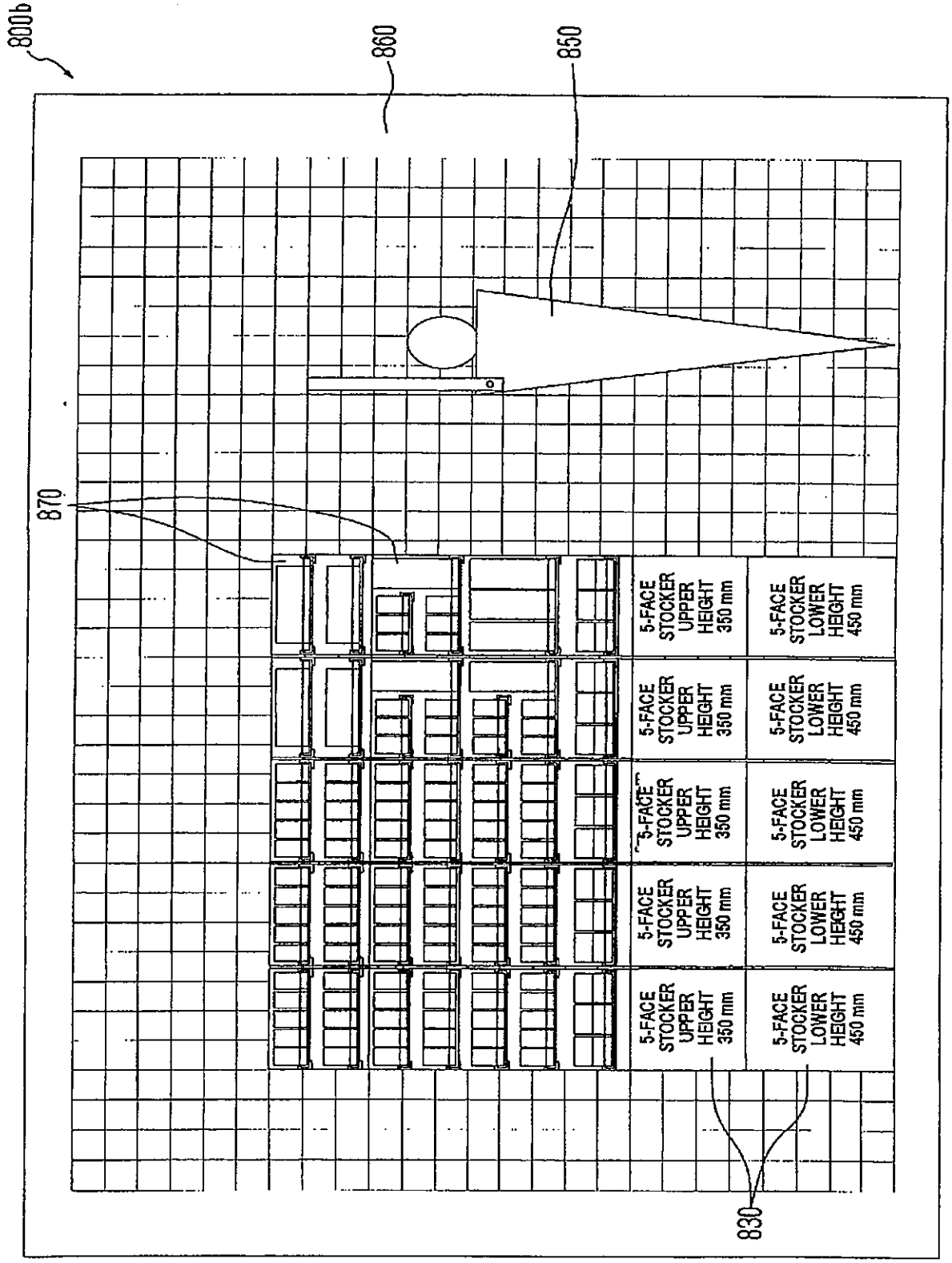

800a
860
850
3-FACE STOCKER UPPER HEIGHT 350 mm
3-FACE STOCKER LOWER HEIGHT 450 mm
5-FACE STOCKER UPPER HEIGHT 350 mm
5-FACE STOCKER LOWER HEIGHT 450 mm
5-FACE STOCKER UPPER HEIGHT 350 mm
5-FACE STOCKER LOWER HEIGHT 450 mm
810
840
830

Fig.33


800b
860
850
870
830
5-FACE STOCKER UPPER HEIGHT 350 mm
5-FACE STOCKER LOWER HEIGHT 450 mm