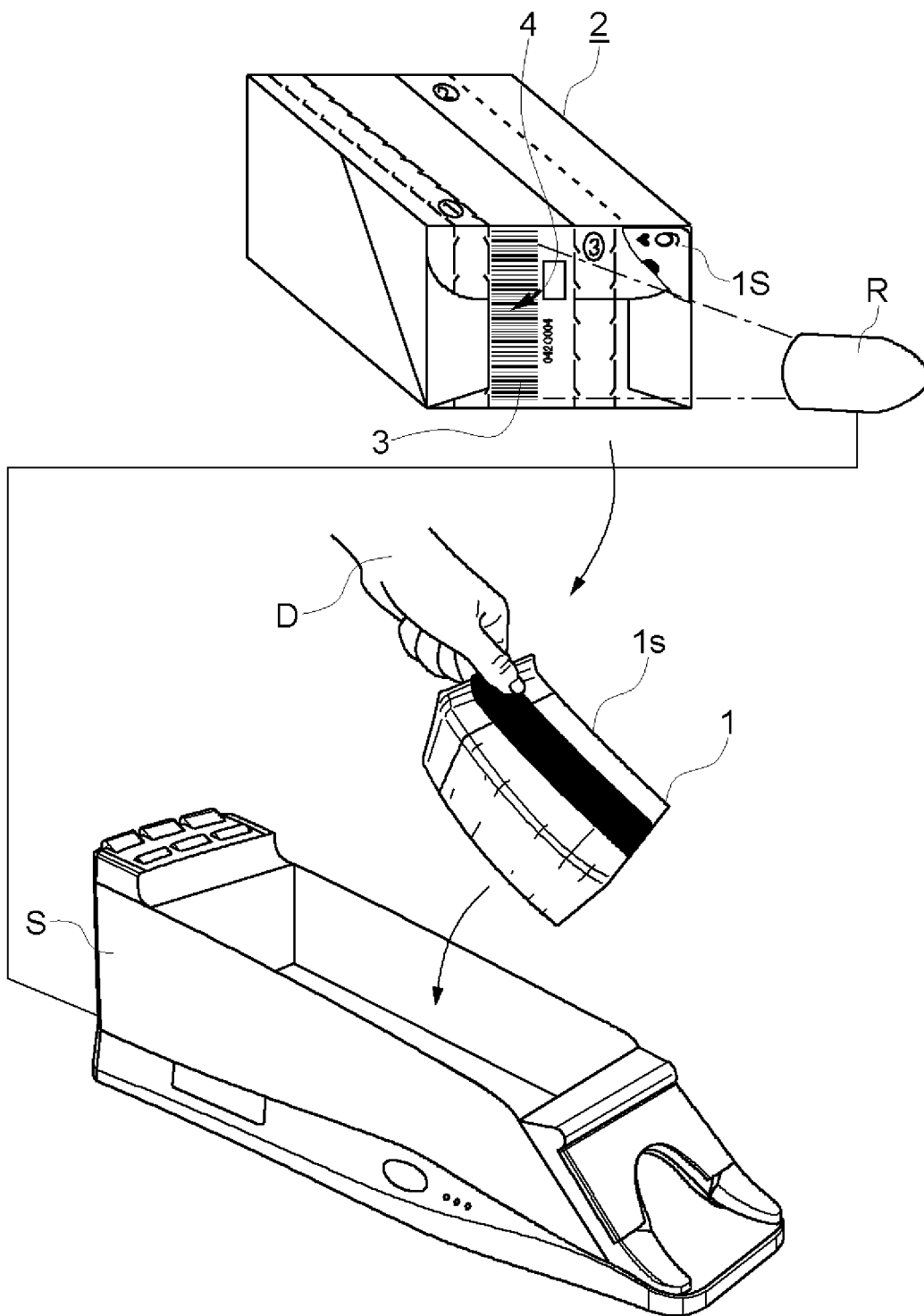
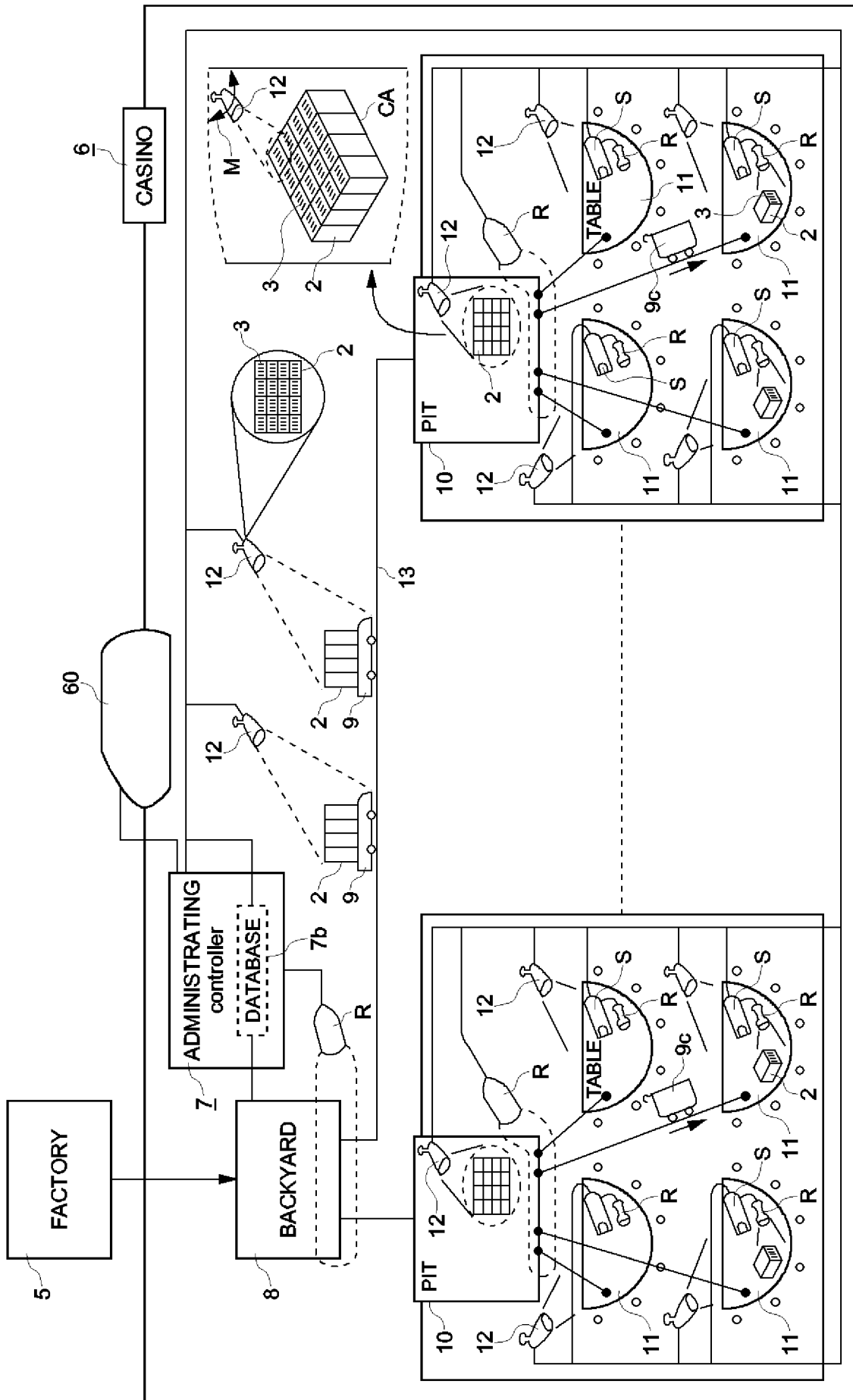


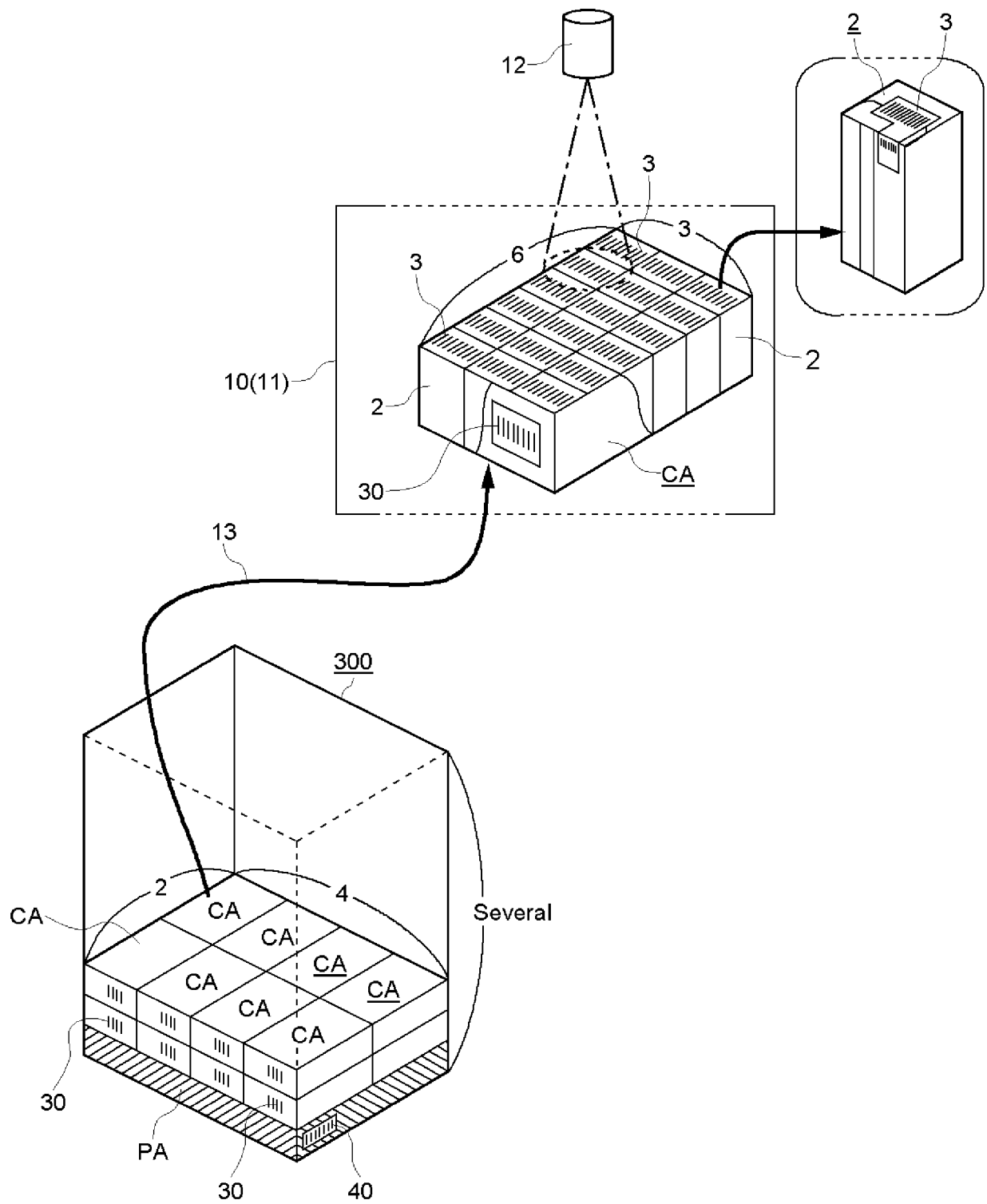
[Fig. 1]



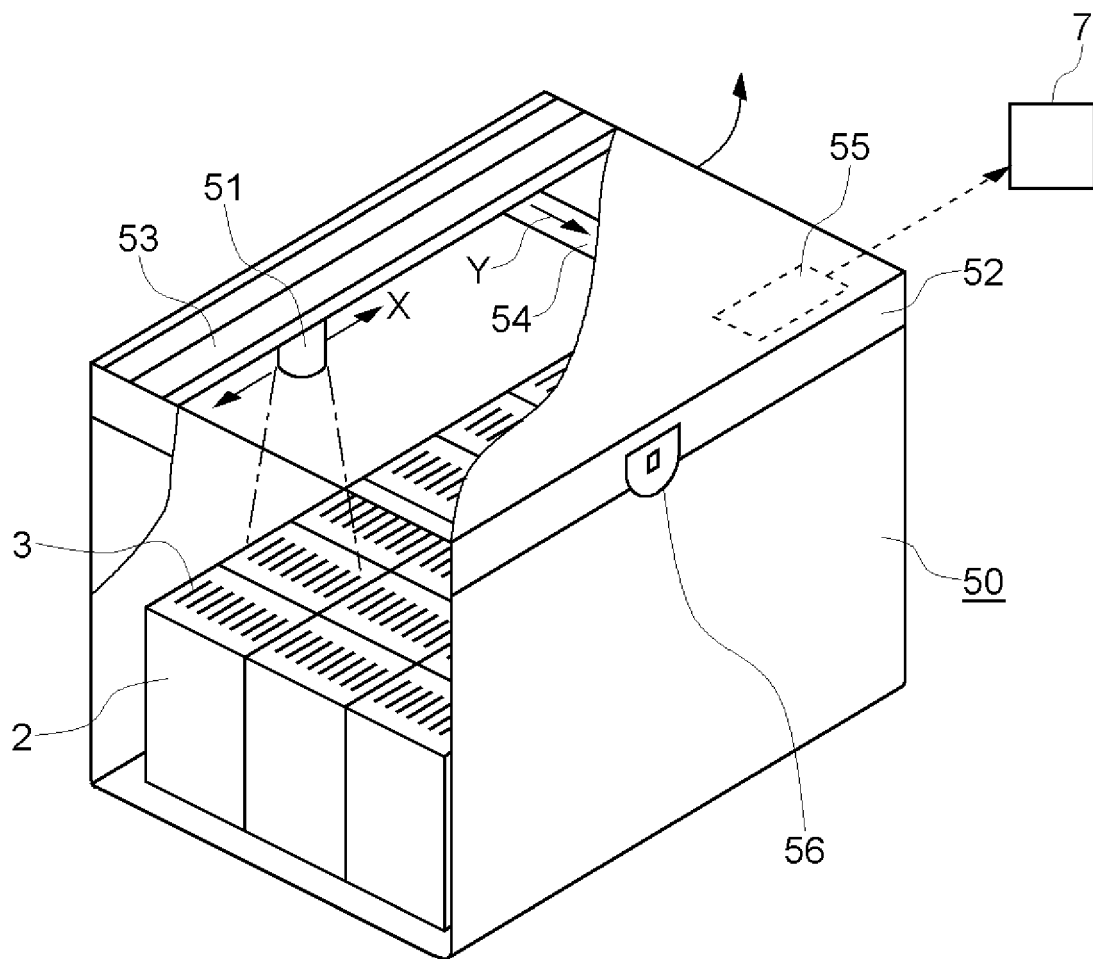
[Fig. 2]



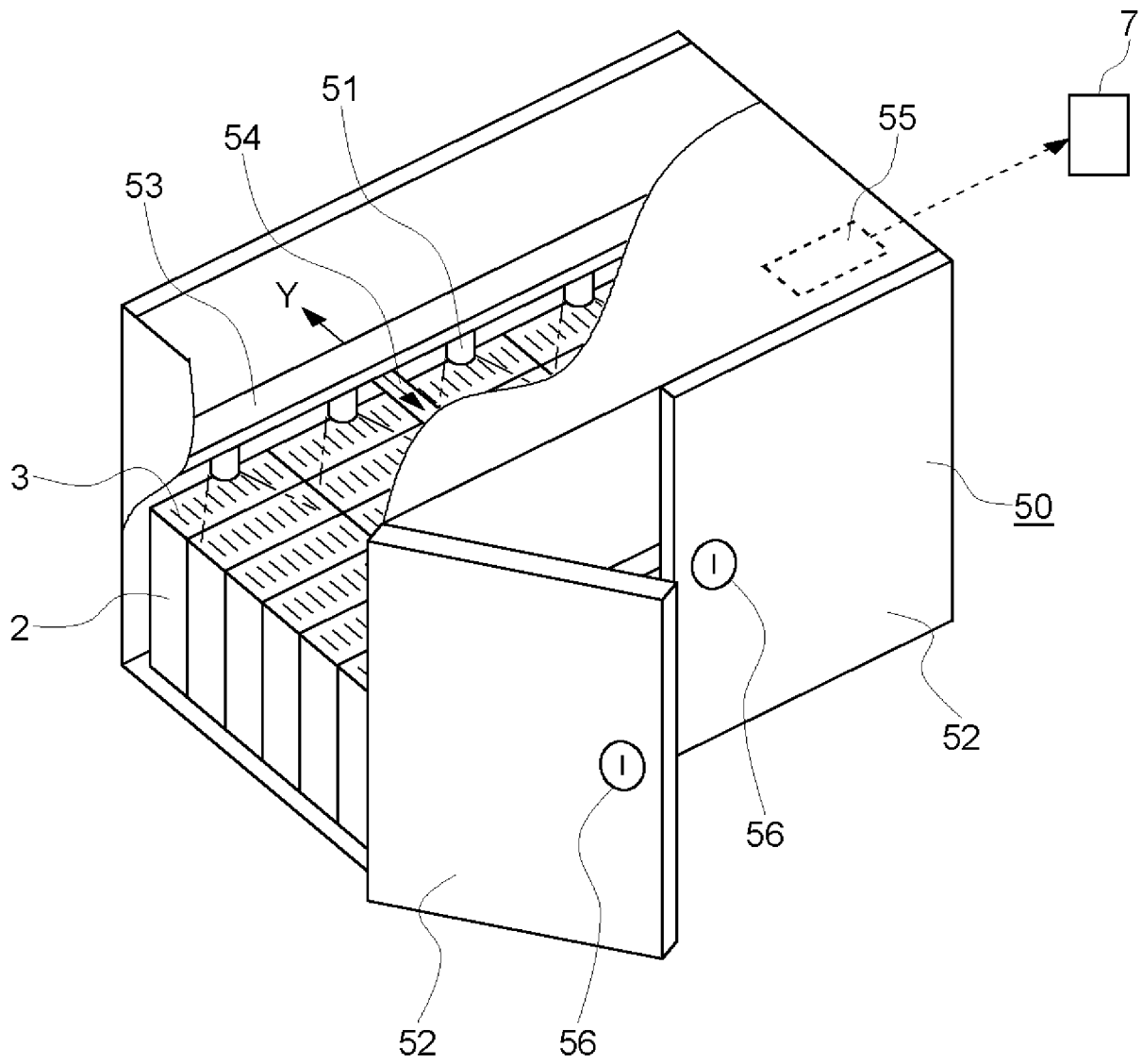
[Fig. 3]



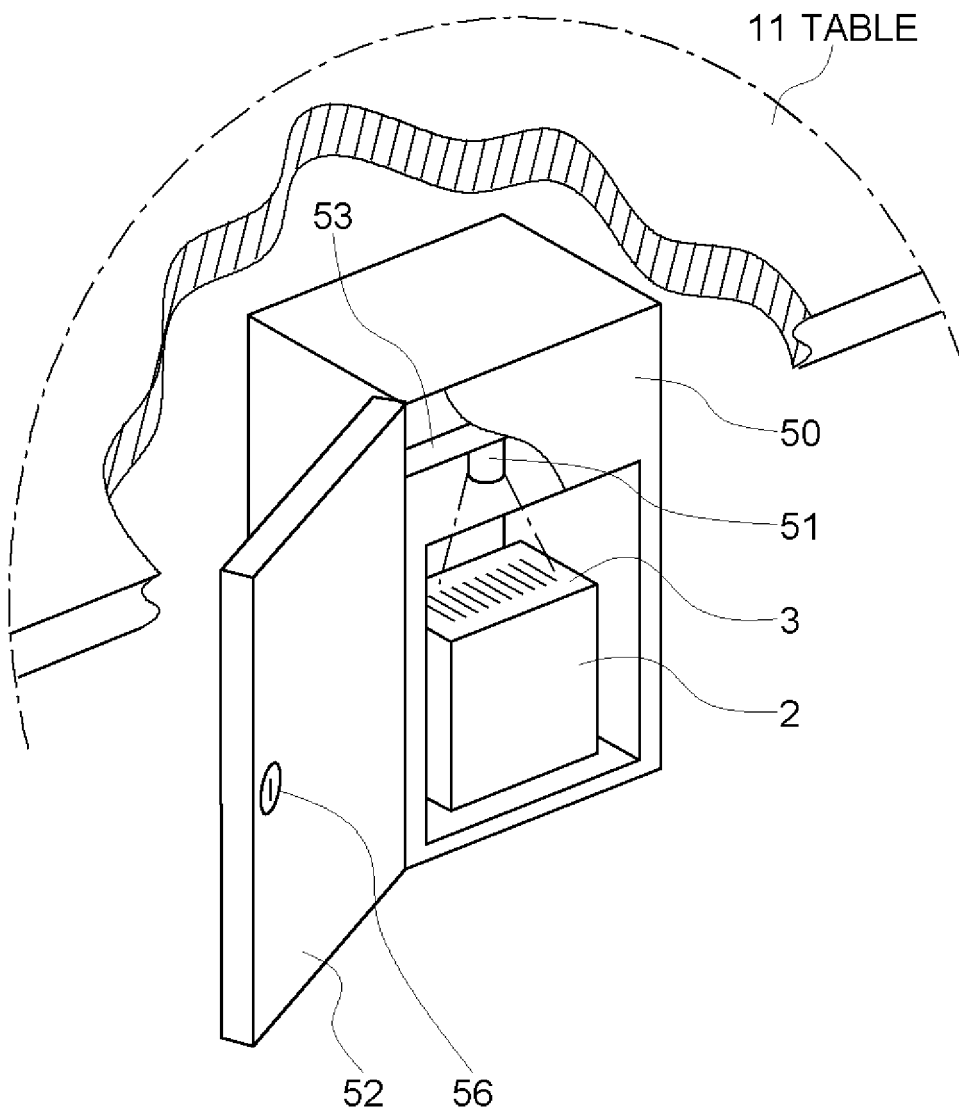
[Fig. 4A]



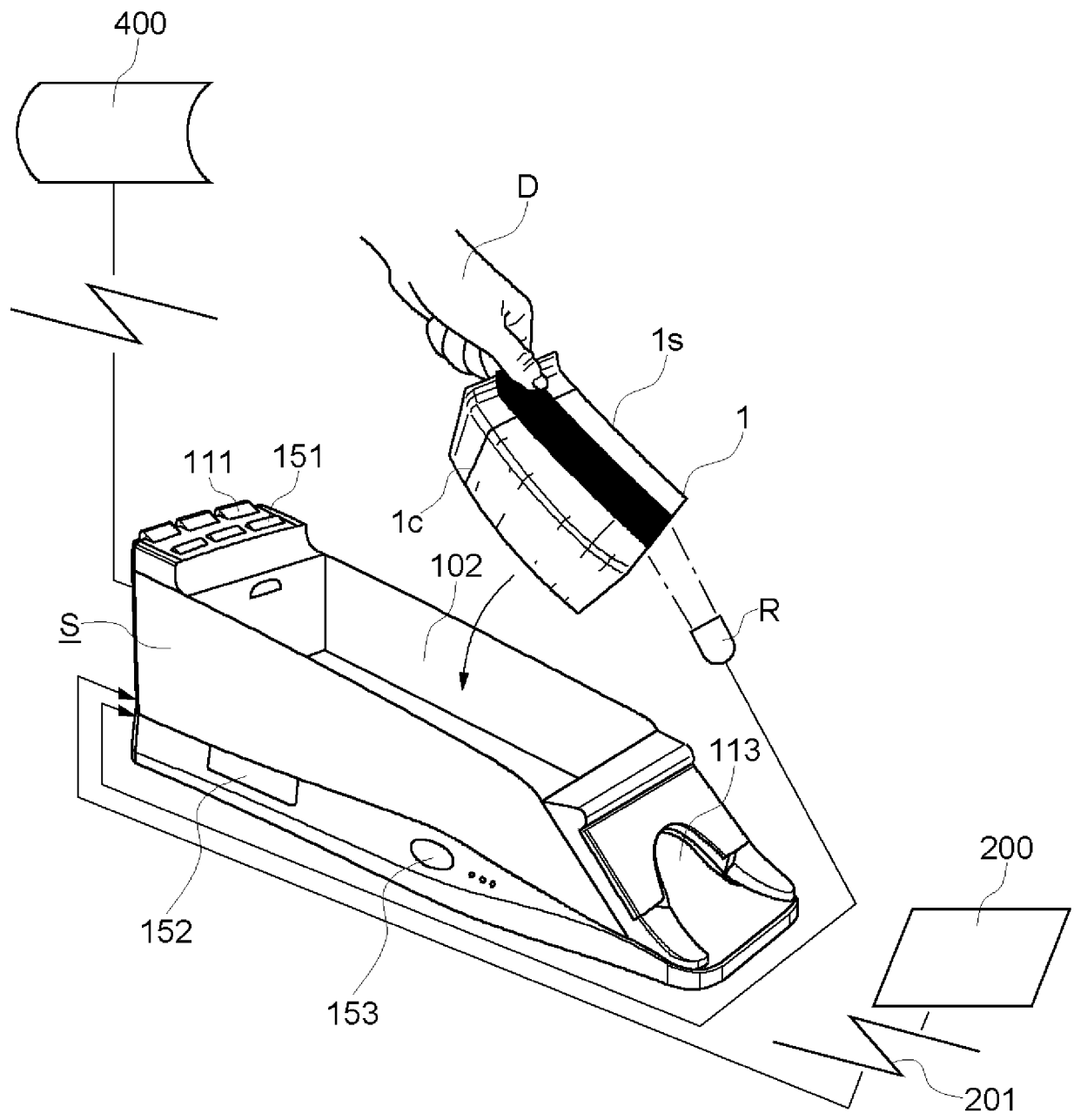
[Fig. 4B]



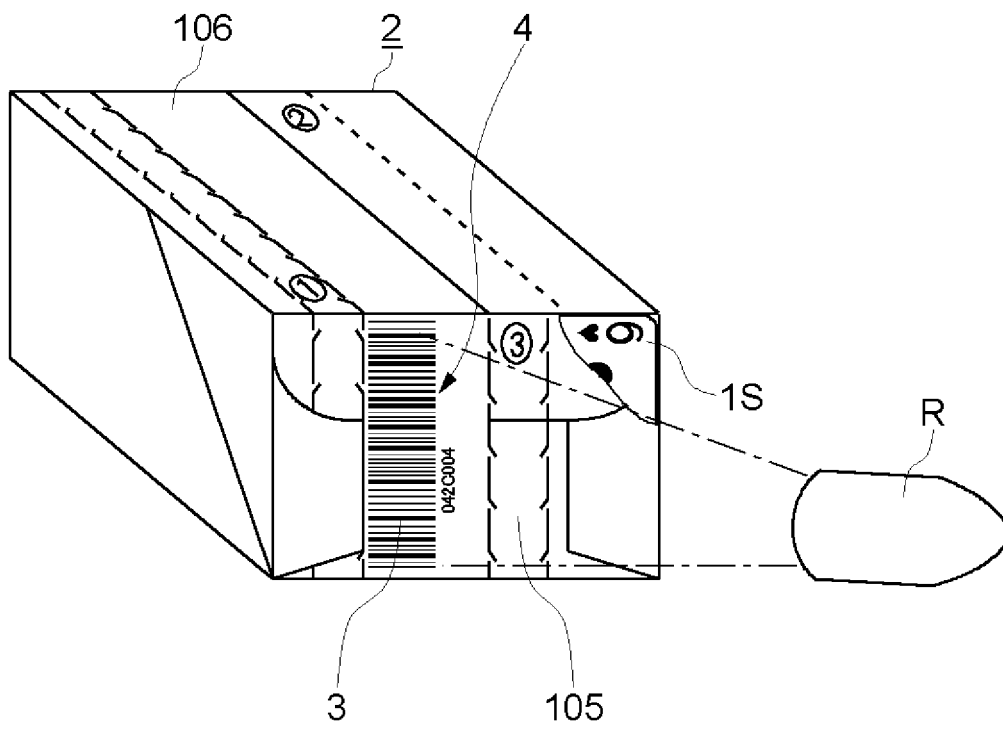
[Fig. 4C]



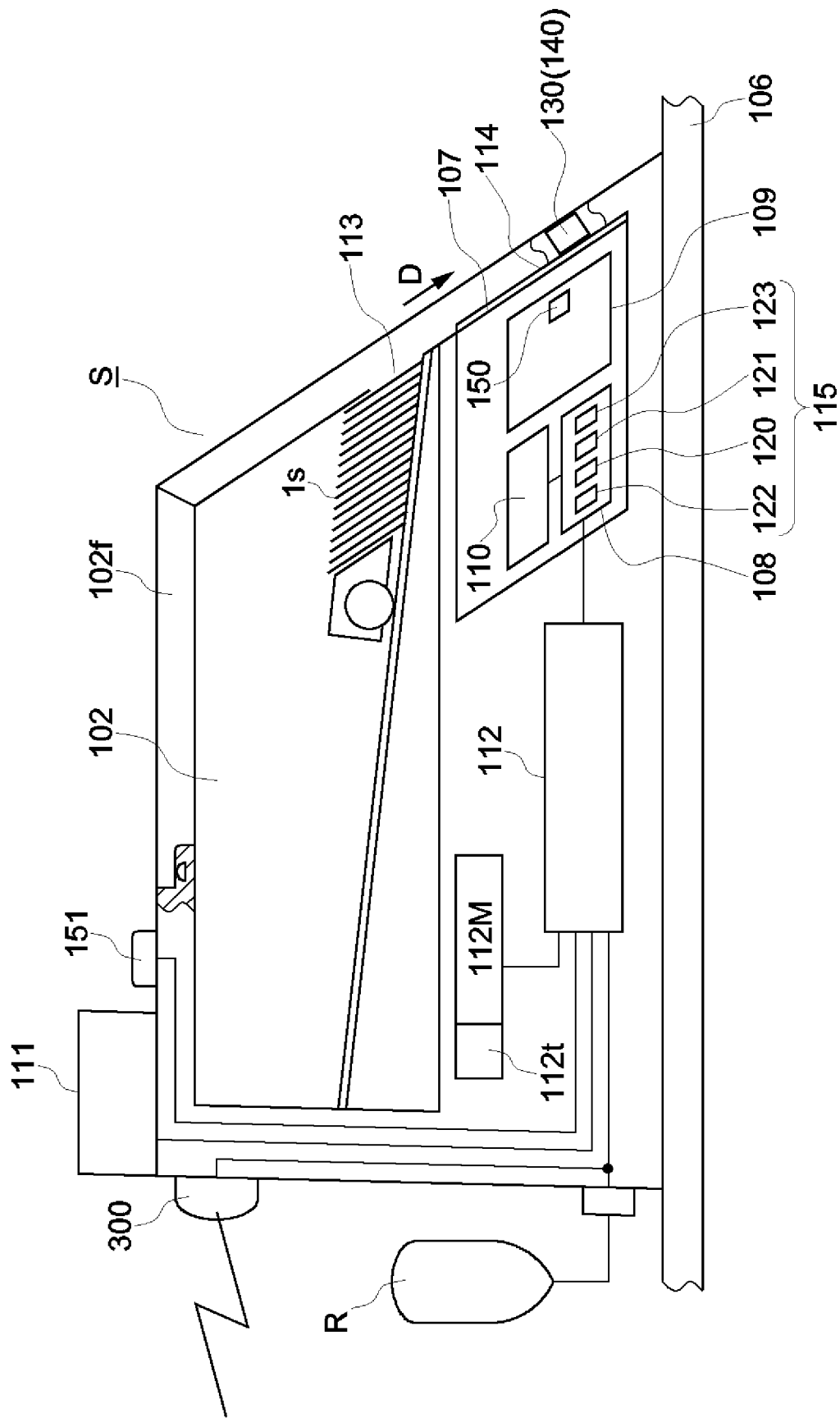
[Fig. 5]



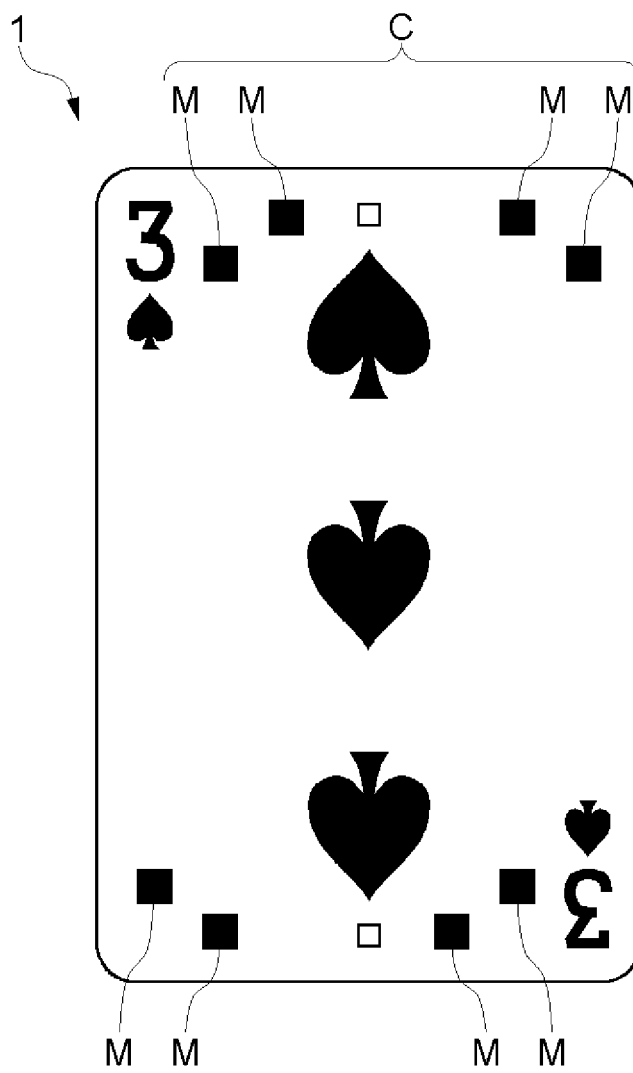
[Fig. 6]



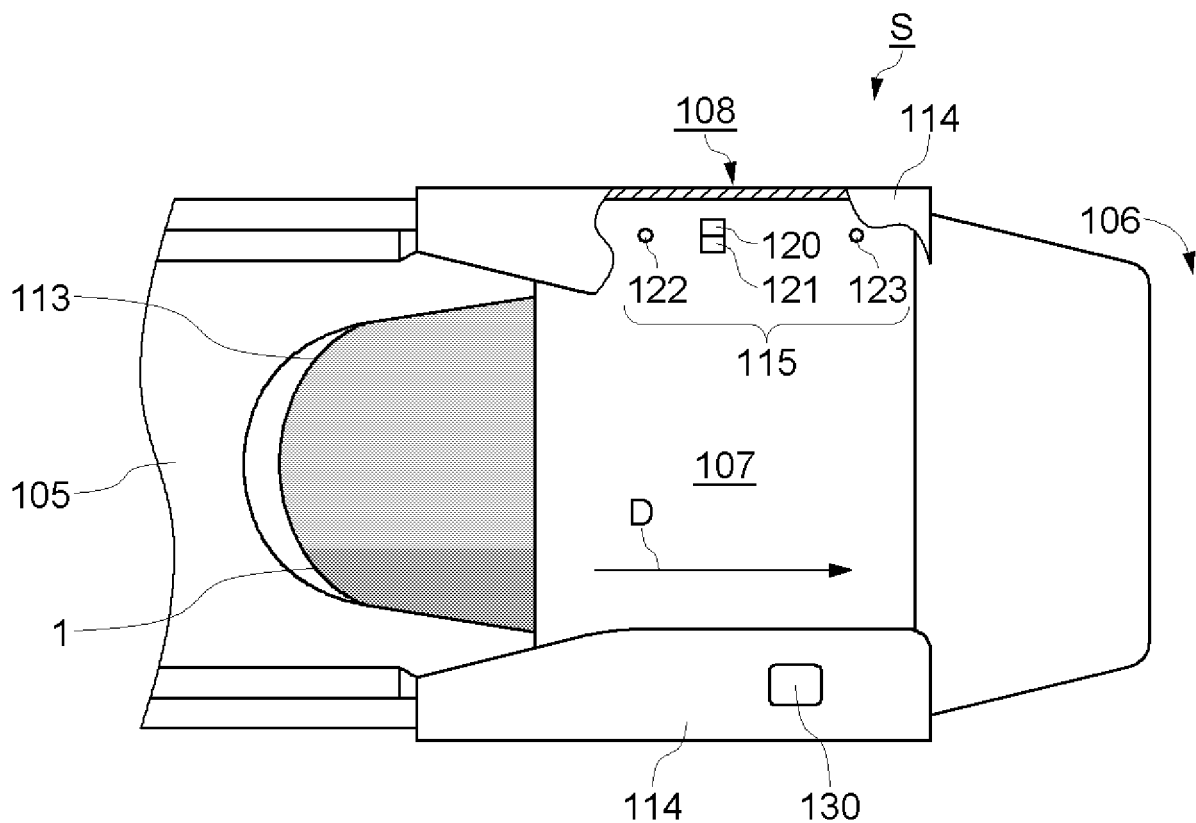
[Fig. 7]



[Fig. 8]



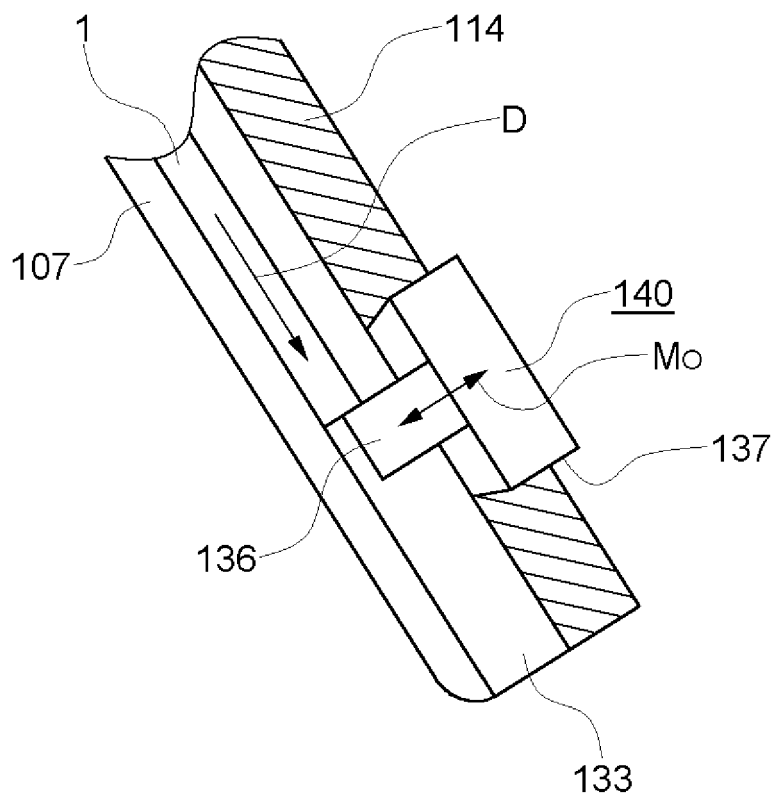
[Fig. 9]



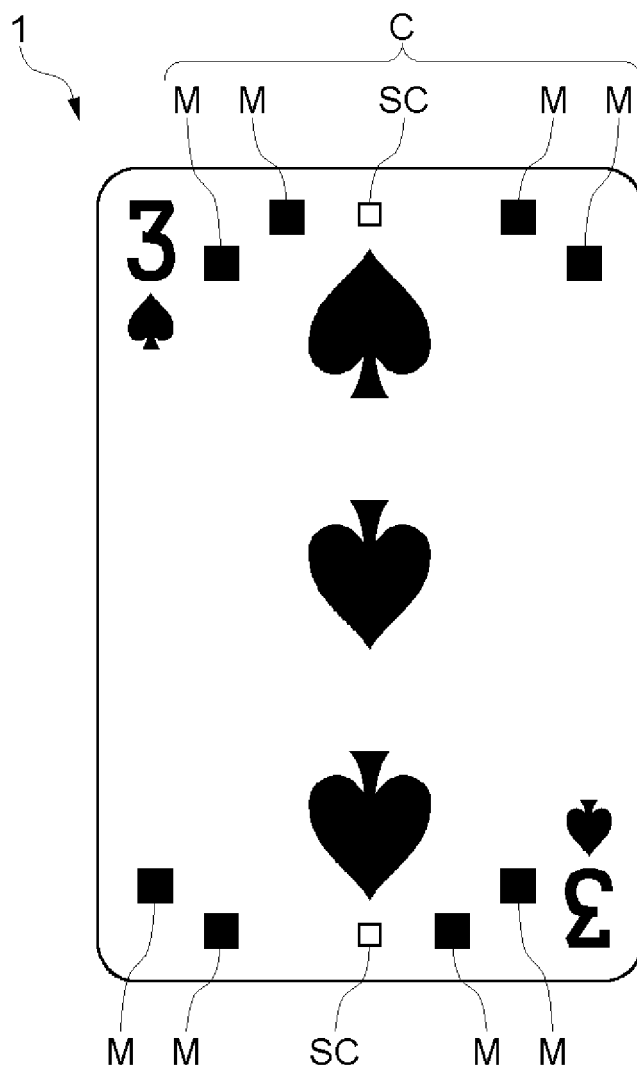
[Fig. 10]

Combination	Arrangement of marking	Outputs of sensors
1	Blank Blank	OFF OFF
2	Blank M	OFF ON OFF
3	M Blank	ON OFF OFF OFF
4	M M	ON OFF ON OFF

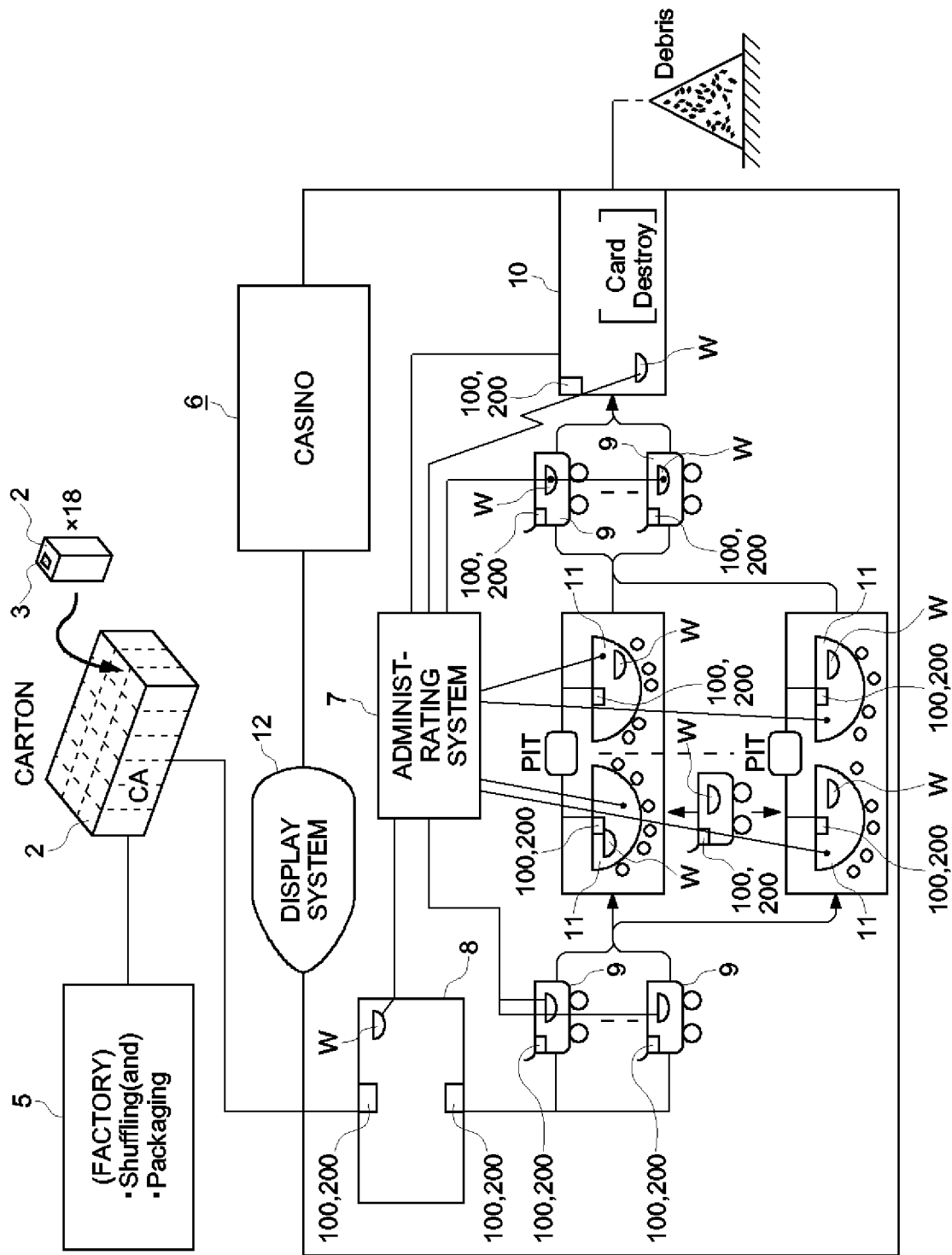
(a)



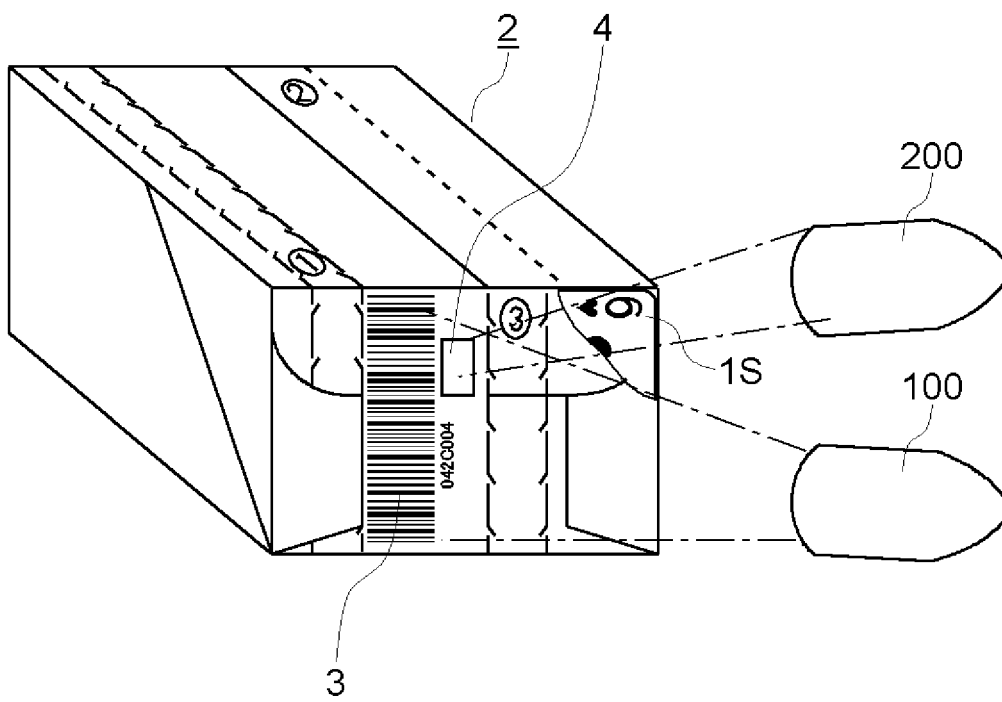
[Fig. 12]



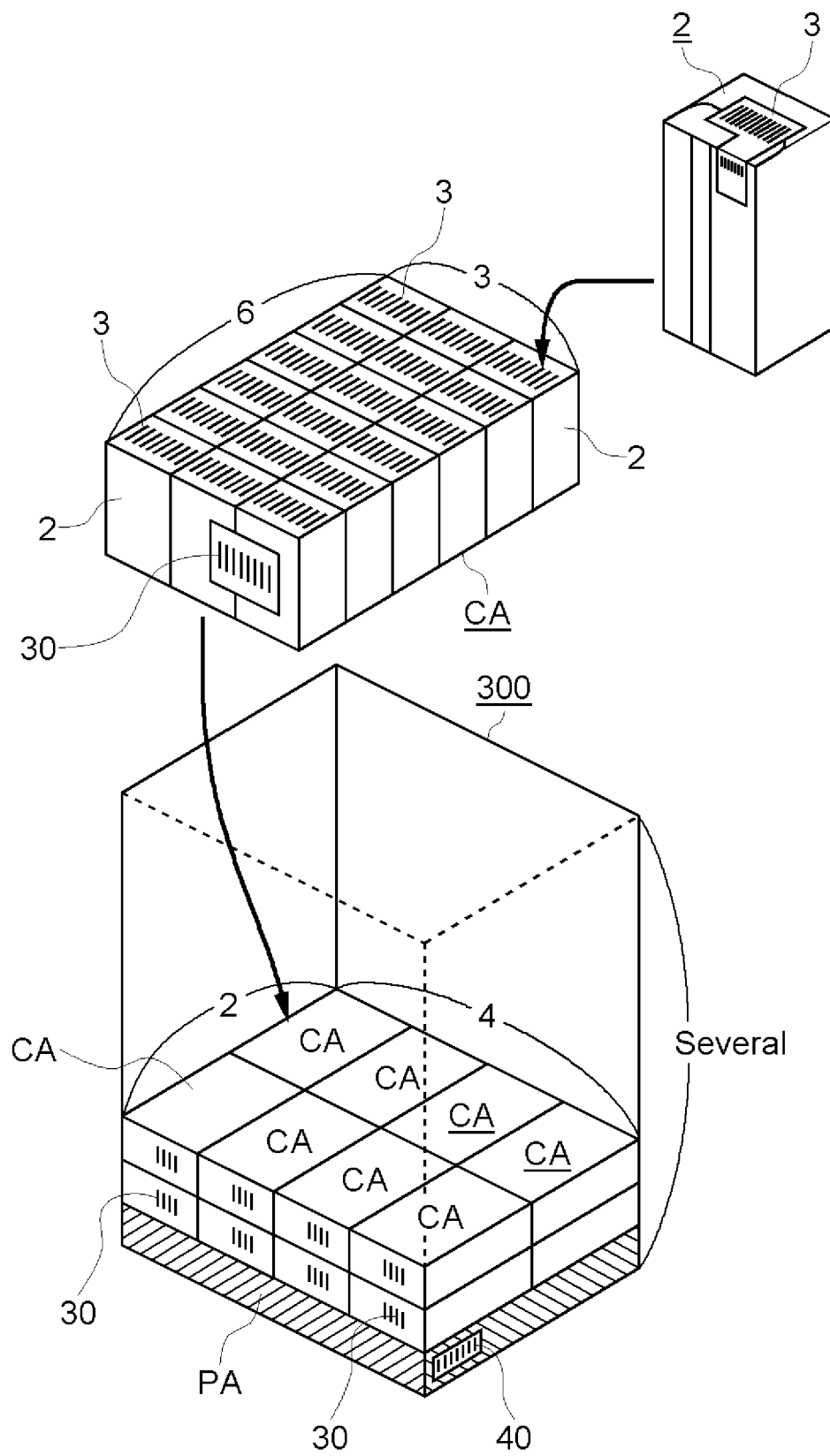
[Fig. 14]



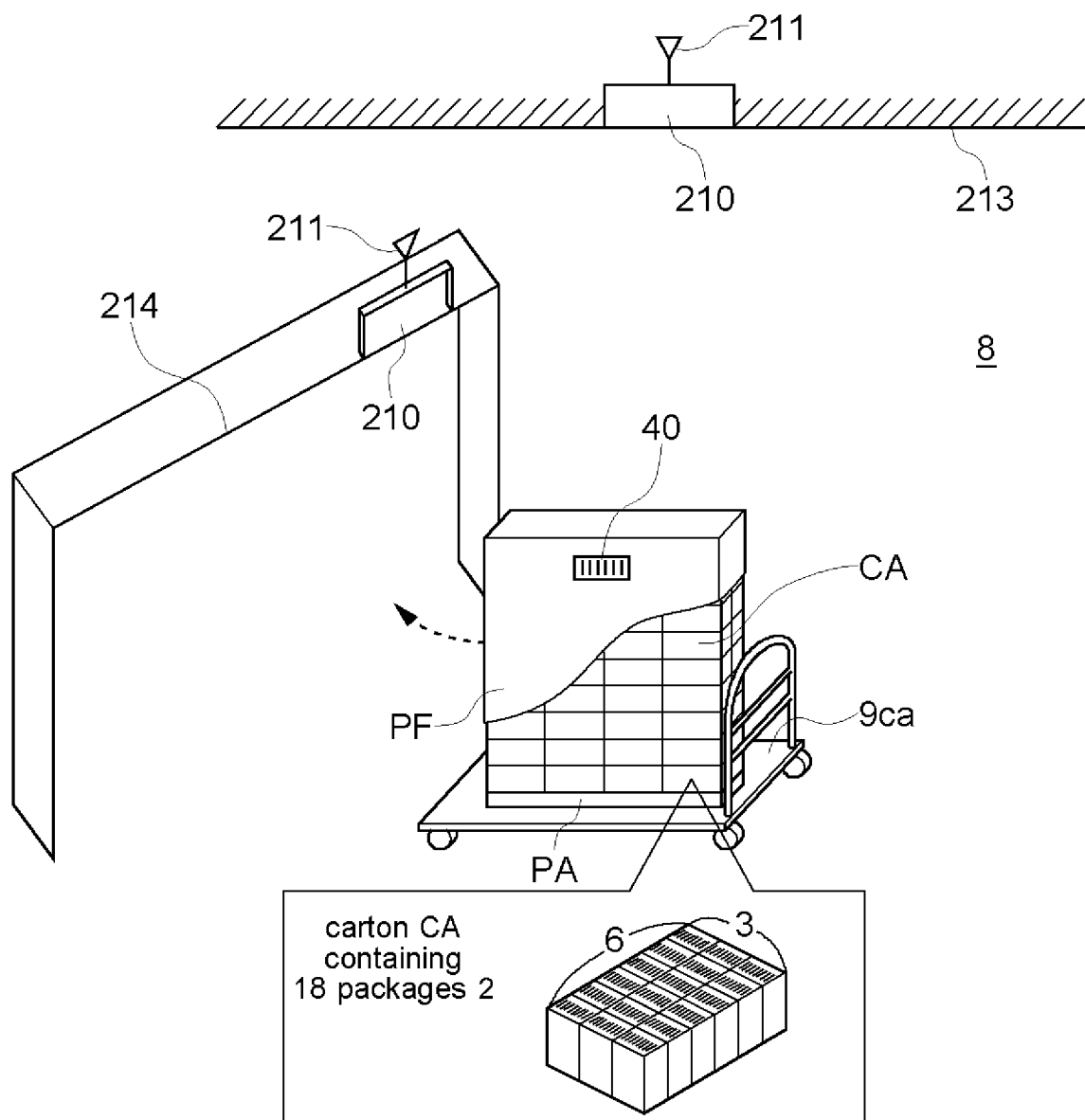
[Fig. 15]



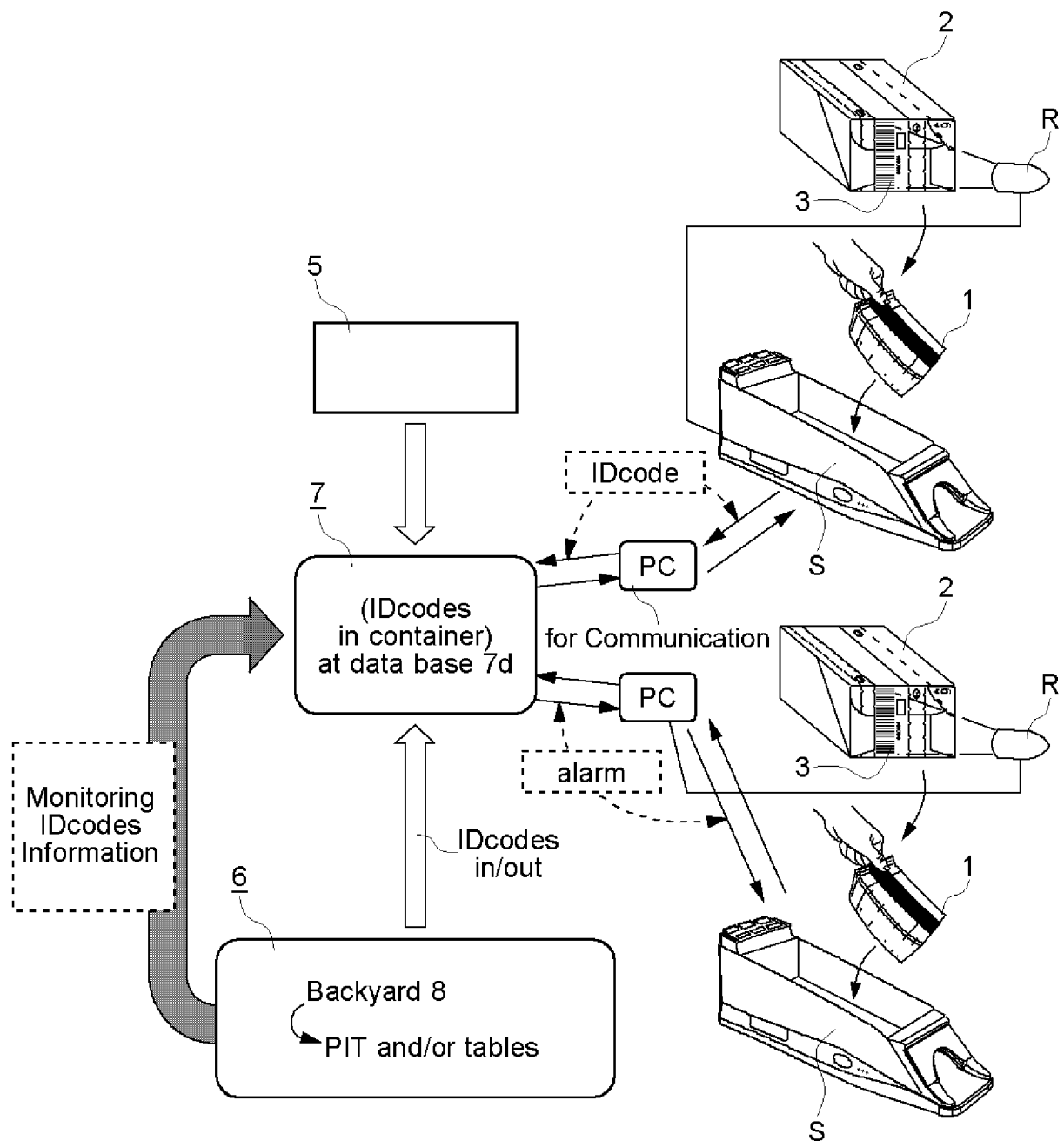
[Fig. 16]



[Fig. 17]



[Fig. 18]



[Fig. 19]

