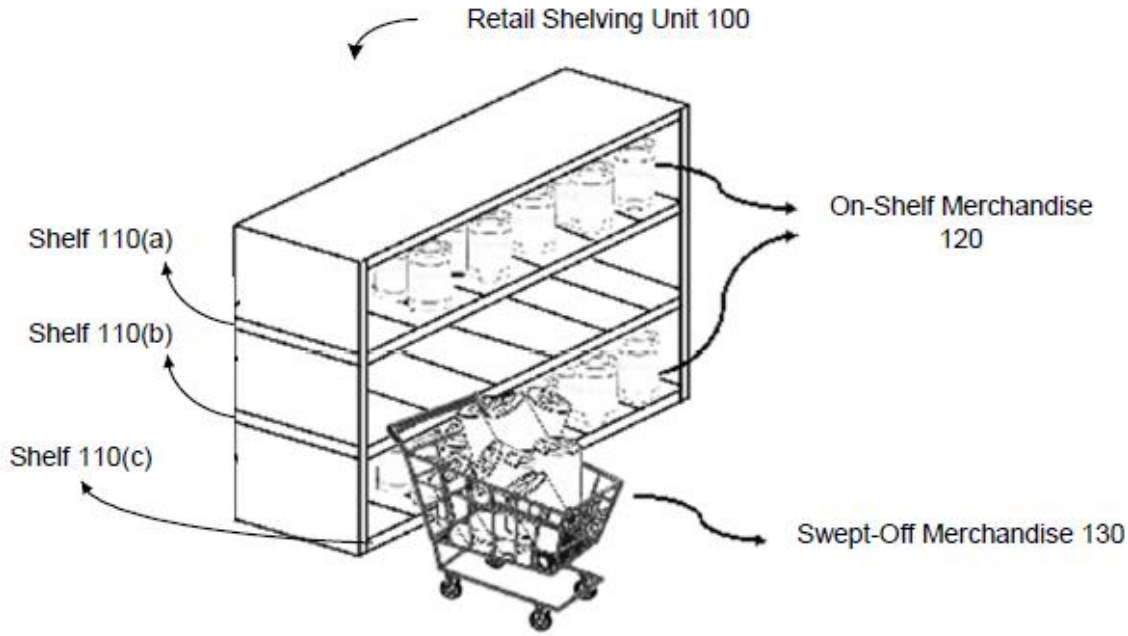

Retail Shelving Unit 100
On-Shelf Merchandise 120
Shelf 110(a)
Shelf 110(b)
Shelf 110(c)
Swept-Off Merchandise 130

Fig. 1

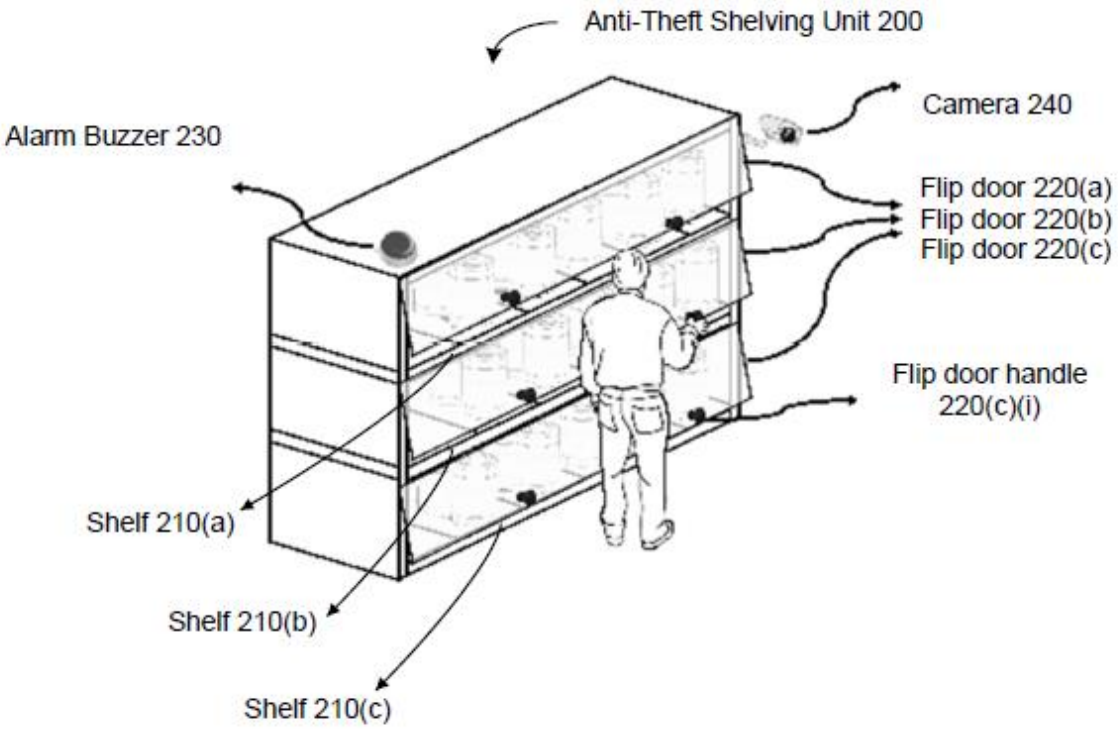

Anti-Theft Shelving Unit 200
Camera 240
Alarm Buzzer 230
Flip door 220(a)
Flip door 220(b)
Flip door 220(c)
Flip door handle 220(c)(i)
Shelf 210(a)
Shelf 210(b)
Shelf 210(c)

Fig. 2

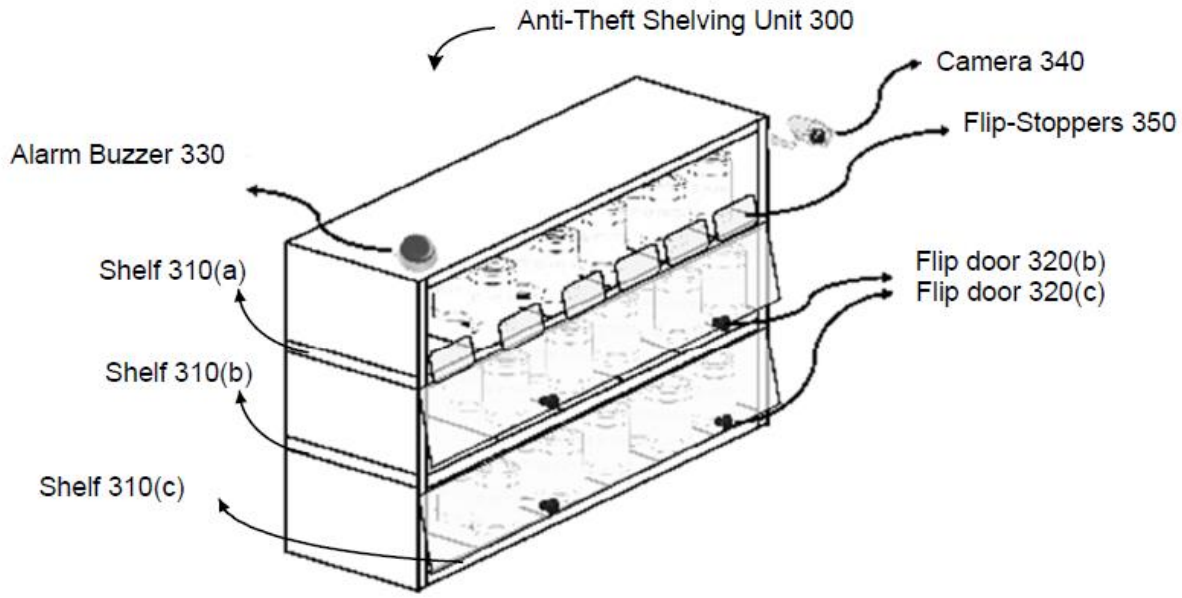

Anti-Theft Shelving Unit 300
Camera 340
Flip-Stoppers 350
Alarm Buzzer 330
Shelf 310(a)
Flip door 320(b)
Flip door 320(c)
Shelf 310(b)
Shelf 310(c)

Fig. 3

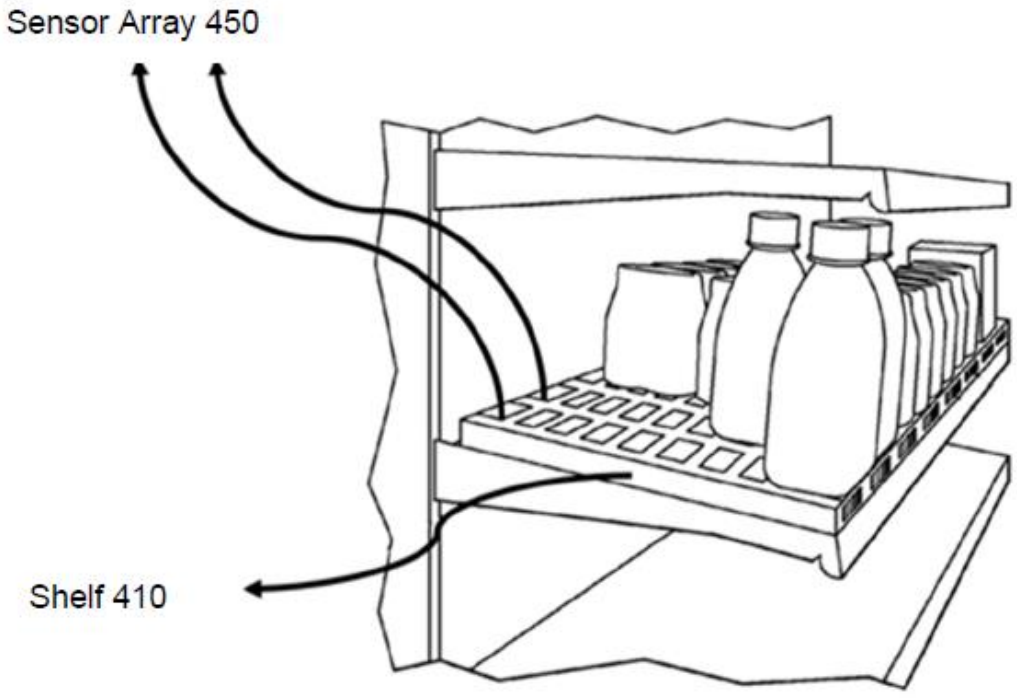

Sensor Array 450
Shelf 410

Fig. 4

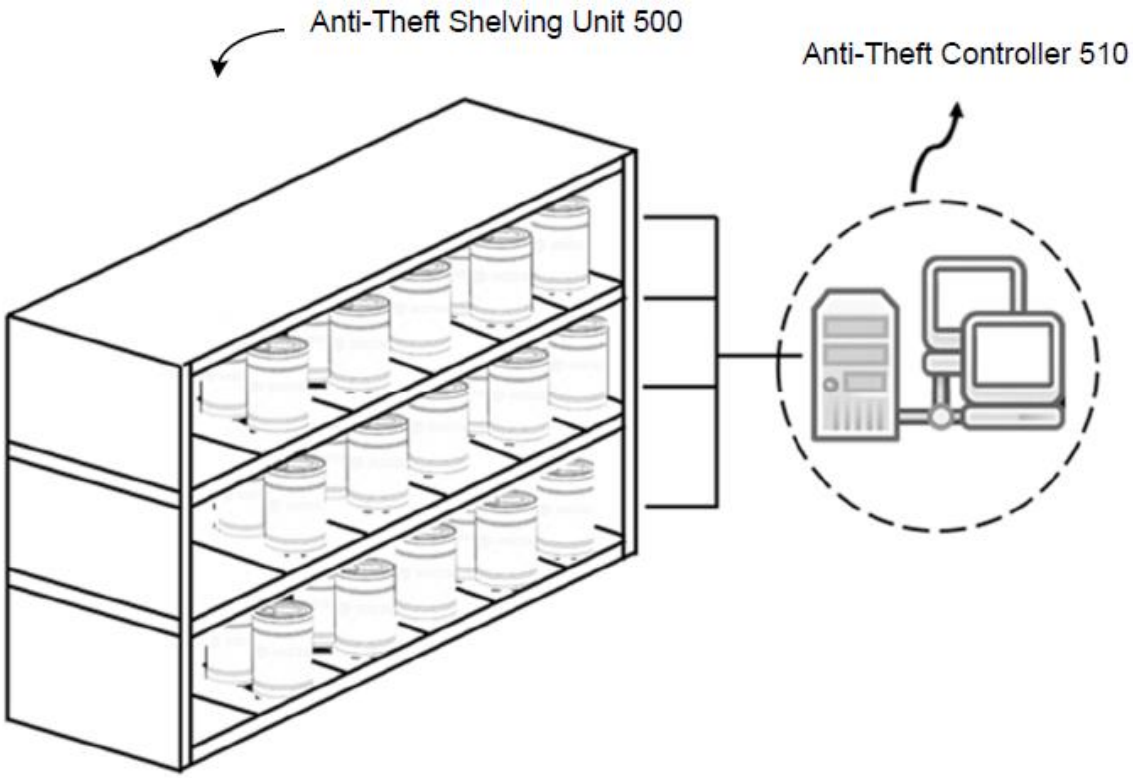

Anti-Theft Shelving Unit 500
Anti-Theft Controller 510

Fig. 5

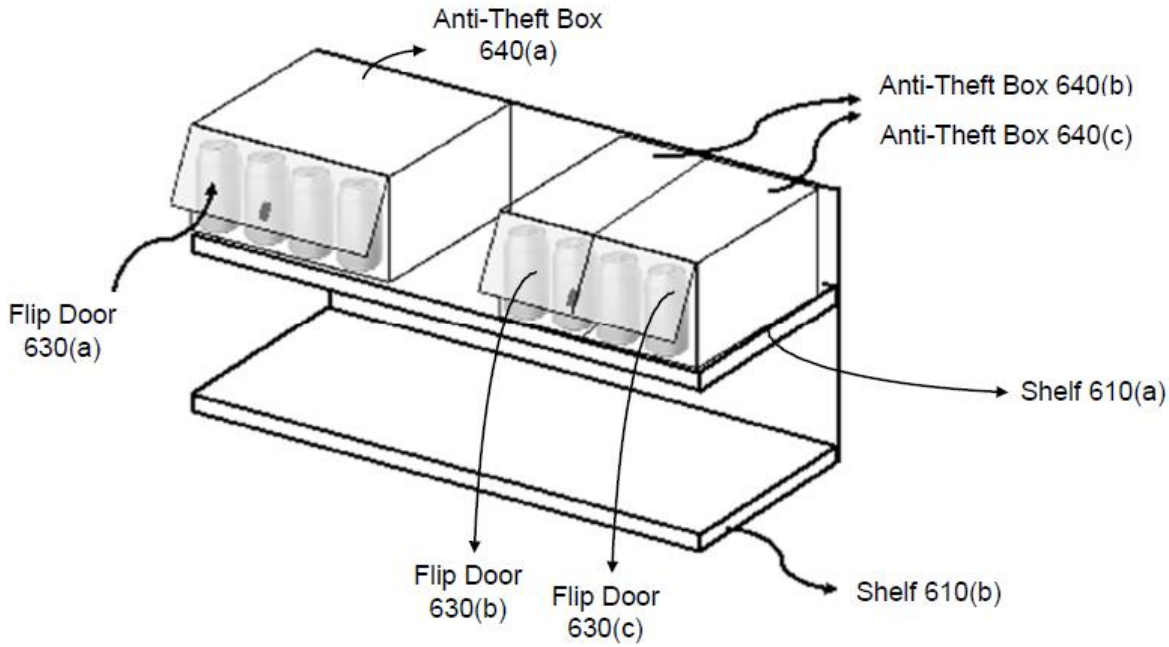

Anti-Theft Box
640(a)
Anti-Theft Box 640(b)
Anti-Theft Box 640(c)
Flip Door
630(a)
Shelf 610(a)
Flip Door
630(b)
Flip Door
630(c)
Shelf 610(b)

Fig. 6

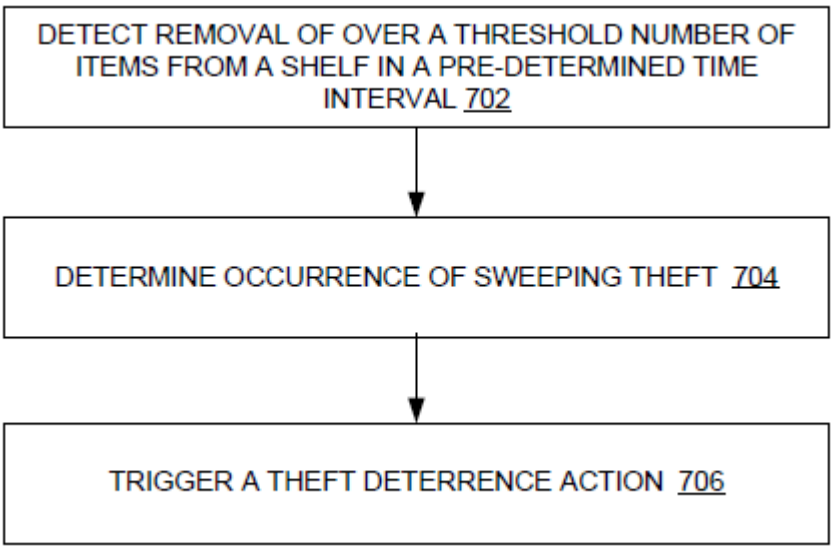

DETECT REMOVAL OF OVER A THRESHOLD NUMBER OF ITEMS FROM A SHELF IN A PRE-DETERMINED TIME INTERVAL 702
DETERMINE OCCURRENCE OF SWEEPING THEFT 704
TRIGGER A THEFT DETERRENCE ACTION 706

Fig. 7

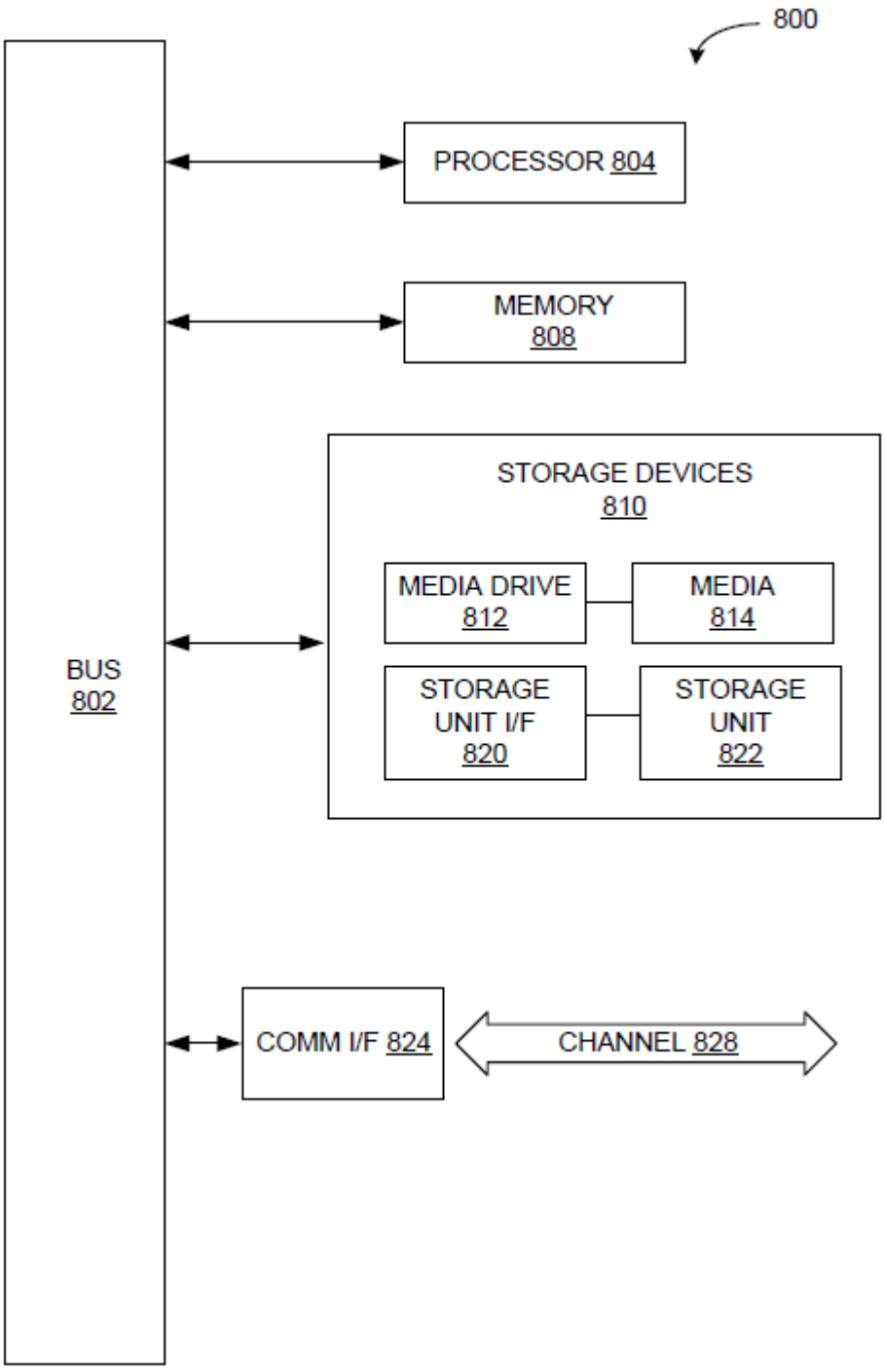

800
PROCESSOR 804
MEMORY
808
STORAGE DEVICES
810
MEDIA DRIVE
812
MEDIA
814
STORAGE
UNIT I/F
820
STORAGE
UNIT
822
BUS
802
COMM I/F 824
CHANNEL 828

Fig. 8