

ABSTRACT

PRODUCT DISPENSING SYSTEM

5 In a product dispensing system 20 in which product
discharging devices 20a and 20b regulating downward
movement of products stored in product storage passages 13a
and 13b in a standby state and discharging a lowest product
stored in the product storage passages 13a and 13b downward
10 in an activated state are coupled to each other back to
back, the product discharging device 20a includes a motor
43 serving as a drive source for the product discharging
device and the other product discharging device 20b, a
driving force applying unit configured to alternatively
15 select the product discharging device and the other product
discharging device 20b in accordance with a discharge
command and to apply a driving force from the motor 43 to
the selected product discharging device when the discharge
command is issued, and a control unit configured to perform
20 sold-out processing of considering that only the product
discharging device which is alternatively selected by the
driving force applying unit is out of order and determining
that the products of the product storage passage of the
product discharging device is sold out when the driving
25 force applying unit does not complete its operation.

(Fig. 5)