

CLAIMS

1. An operation method of an electronic apparatus for stock management, the method comprising:

recognizing an item as a removal target based on expiration date-related information of the item;

transmitting information on the removal target to a terminal;

acquiring, from the terminal, information on a removal quantity to be removed from stock among an actual quantity of the removal target and information on a remaining quantity other than the removal quantity among the actual quantity of the removal target; and

updating information on the stock based on the information on the removal quantity and the information on the remaining quantity,

wherein the recognizing comprises determining whether each item in the stock is the removal target in at least one of a case in which a management type of the item is changed, a case in which expiration date-related information of the item is changed, a case in which a placement location of the item is changed, and a case in which a release or stock transfer allocation of the item is canceled.

2. The operation method of claim 1, wherein the acquiring comprises acquiring expiration date-related information corresponding to the remaining quantity from the terminal, and

the updating comprises updating the information on the stock based on the expiration date-related information corresponding to the remaining quantity.

3. The operation method of claim 1, wherein the terminal is configured to:

provide the information on the removal target to an operator; and

receive the information on the removal quantity and the information on the remaining quantity from the operator through a graphical user interface (GUI).

4. The operation method of claim 3, wherein the terminal is configured to receive expiration date-related information corresponding to the remaining quantity from the operator through the GUI,

when the removal target is an item managed by expiration date, the expiration date-

related information corresponding to the remaining quantity includes an earliest expiration date among expiration dates of items of the remaining quantity, and

when the removal target is an item managed by manufactured date, the expiration date-related information corresponding to the remaining quantity includes an earliest manufactured date among manufactured dates of items of the remaining quantity.

5. The operation method of claim 1, wherein when a quantity-on-data of the removal target does not match the actual quantity, the updating comprises adjusting the quantity-on-data based on the actual quantity.

6. The operation method of claim 5, wherein when the quantity-on-data is greater than the actual quantity by a first quantity, the updating comprises allocating the first quantity among the quantity-on-data to be stock of a predetermined location, and

when the quantity-on-data is less than the actual quantity by a second quantity, the updating comprises allocating a third quantity allocated to the stock of the predetermined location, to the quantity-on-data of the removal target.

7. The operation method of claim 6, wherein when the third quantity is less than the second quantity, the updating comprises additionally allocating a quantity corresponding to a difference between the second quantity and the third quantity to the quantity-on-data of the removal target.

8. The operation method of claim 1, wherein when the item is an item managed by expiration date, the recognizing comprises determining whether the item is the removal target based on an expiration date and a shelf life of the item, and

when the item is an item managed by manufactured date, the recognizing comprises determining whether the item is the removal target based on a manufactured date and the shelf life of the item.

9. The operation method of claim 1, wherein when the expiration date-related information of the item is absent, the recognizing comprises recognizing the item as the removal target.

10. The operation method of claim 1, further comprising:
providing at least one of expiration date-related information, position information, information on a removal quantity and a remaining quantity, and information on an operator of each removal target.
11. The operation method of claim 1, wherein the information on the removal target comprises at least one of position information, identification information, and removal criterion information of the removal target.
12. An operation method of a terminal for stock management, the method comprising:
outputting information on an item corresponding to a removal target;
acquiring, information on a removal quantity to be removed from stock among an actual quantity of the removal target, and information on a remaining quantity other than the removal quantity among the actual quantity of the removal target; and
outputting the information on the removal quantity and the information on the remaining quantity,
wherein the item corresponding to the removal target is recognized by determining whether each item in the stock is the removal target in at least one of a case in which a management type of the item is changed, a case in which expiration date-related information of the item is changed, a case in which a placement location of the item is changed, and a case in which a release or stock transfer allocation of the item is canceled.
13. A non-transitory computer readable recording medium comprising a computer program for performing the operation method of claim 1.
14. An electronic apparatus for stock management, the apparatus comprising:
a communication device; and
a controller,
wherein the controller is configured to:
recognize an item as a removal target based on expiration date-related information of the item;
transmit information on the removal target through the communication device to a terminal;

acquire information on a removal quantity to be removed from stock among an actual quantity of the removal target and information on a remaining quantity other than the removal quantity among the actual quantity of the removal target, from the terminal through the communication device; and

update information on the stock based on the information on the removal quantity and the information on the remaining quantity,

wherein the controller is configured to recognize the item as the removal target by determining whether each item in the stock is the removal target in at least one of a case in which a management type of the item is changed, a case in which expiration date-related information of the item is changed, a case in which a placement location of the item is changed, and a case in which a release or stock transfer allocation of the item is canceled.