CLAIMS

1. A method for controlling an environment in a storehouse (S) storing a stored item (15), the method comprising:

monitoring a monitoring target (16) with the stored item (15) and the monitoring target (16) stored in the storehouse (S); and

controlling the environment in the storehouse (S) based on a result of monitoring the monitoring target (16); and

before the monitoring step, determining, as the monitoring target (16), an item in which a disorder caused by the environment occurs earlier than in the stored item (15).

2. A method for controlling an environment in a storehouse (S) storing a stored item (15), the method comprising:

monitoring a monitoring target (16) with the stored item (15) and the monitoring target (16) stored in the storehouse (S); and

controlling the environment in the storehouse (S) based on a result of monitoring the monitoring target (16); and

before the monitoring step, determining, as the monitoring target (16), an item placed at a location having an environment in which a disorder is more likely to occur than at a location where the stored item (15) is placed.

3. The method for controlling an environment in a storehouse according to claim 1 or claim 2, wherein

the monitoring target (16) is of a different type from the stored item (15).

4. The method for controlling an environment in a storehouse according to claim 1 or claim 2, wherein

the monitoring target (16) suffers the disorder caused by the Maillard reaction.

5. The method for controlling an environment in a storehouse according to claim 1 or claim 2, wherein

the monitoring target (16) is one that was disordered in the past and then has been recovered from the disorder.

6. The method for controlling an environment in a storehouse according to claim 1 or claim 2, wherein

the monitoring target (16) is of a same type as the stored item (15).

7. The method for controlling an environment in a storehouse according to claim 1 or claim 2, wherein

the monitoring step includes

capturing an image (Z) of the monitoring target (16) and outputting a result of monitoring the monitoring target (16) based on the image (Z) of the monitoring target (16).

8. The method for controlling an environment in a storehouse according to claim 7, wherein

the image (Z) of the monitoring target (16) is a fluorescence image of fluorescence emitted from a surface of the monitoring target (16) by irradiating the monitoring target (16) with light.

9. The method for controlling an environment in a storehouse according to claim 1 or claim 2, comprising

performing a promotion process for promoting occurrence of a disorder of the monitoring target (16).

10. The method of for controlling an environment in a storehouse according to claim 9, wherein

the monitoring step includes monitoring the monitoring target (16) having undergone the promotion process.

11. The method for controlling an environment in a storehouse according to claim 9, wherein

the promotion process includes adding a pH-adjuster to the monitoring target (16).

12. The method for controlling an environment in a storehouse according to claim 9, wherein

the promotion process includes adding a fat, a sugar, or an amino acid to the monitoring target (16).

13. The method for controlling an environment in a storehouse according to claim 9, wherein

the promotion process includes a dehydration process for reducing moisture in the monitoring target (16).

14. The method for controlling an environment in a storehouse according to claim

9, wherein

the monitoring target (16) is a vegetable or a fruit, and

the promotion process includes adding a pH-adjuster having a higher pH than that of the monitoring target (16) to the monitoring target (16).

15. The method for controlling an environment in a storehouse according to claim 9, wherein

the promotion process includes irradiating the monitoring target (16) with light.

16. A management device for managing a plurality of stored items (15) stored in a storehouse (S), the management device comprising:

an imager (80); and

a controller (110) having a plurality of operation modes,

the plurality of operation modes includes

a first mode of determining, as the monitoring target (16), a stored item (15), among the plurality of stored items (15), in which a disorder has occurred earliest, based on an image (Z) of the plurality of stored items (15) captured by the imager (80).

17. The management device according to claim 16, wherein

the plurality of operation modes include

a second mode of recovering the monitoring target (16) from the disorder caused in the first mode by controlling the environment in the storehouse (S).

18. The management device according to claim 17, wherein

the plurality of operation modes include

a third mode of monitoring the monitoring target (16) based on the image (Z) of the monitoring target (16) captured by the imager (80), and controlling the environment in the storehouse (S) based on a result of monitoring the monitoring target (16).

19. The management device according to any one of claims 16 to 18, comprising

a promotion mechanism (120) configured to perform a promotion process for promoting occurrence of a disorder of the monitoring target (16).