[Claim 1]

A warehousing and shipping operation support system comprising:

memory means configured to store first coded information contained in an optical recognition code attached to each of a plurality of objects;

coded information acquiring means configured to acquire the first coded information contained in the optical recognition code attached to a target object out of the plurality of objects;

location information acquiring means configured to automatically acquire location information of an operator based on a communication with a communication tag attached to the operator; and

processing means configured to associate the first coded information stored in the memory means with the location information of the operator acquired by the location information acquiring means.

[Claim 2]

The warehousing and shipping operation support system according to claim 1, wherein

the processing means associates the location information of the operator acquired when the coded information acquiring means acquires the first coded information with the first coded information corresponding to the optical recognition code attached to the target object out of the first coded information stored in the memory means.

[Claim 3]

The warehousing and shipping operation support system according to claim 1 or 2, further comprising

work instruction generating means configured to generate a work instruction on the basis of the first coded information and the location information of the operator associated with each other by the processing

means.

[Claim 4]

The warehousing and shipping operation support system according to any one of claims 1 to 3, further comprising:

specifying means configured to specify an object for a next operation out of the plurality of objects; and

determining means configured to determine a work status on the basis of the first coded information corresponding to the object specified by the specifying means, the first coded information acquired by the coded information acquiring means, and the location information of the operator acquired when the coded information acquiring means acquires the first coded information.

[Claim 5]

The warehousing and shipping operation support system according to any one of claims 1 to 3, further comprising

determining means configured to specify a storage space where the target object is stored in a warehousing operation on the basis of the location information of the operator acquired when the coded information acquiring means acquires the first coded information.

[Claim 6]

The warehousing and shipping operation support system according to any one of claims 1 to 3, further comprising:

signal input means configured to input a specific signal; and

determining means configured to specify a storage space where the target object is stored in a warehousing operation on the basis of the location information of the operator acquired when the specific signal is input from the signal input means after the coded information acquiring

means acquires the first coded information.

[Claim 7]

The warehousing and shipping operation support system according to any one of claims 1 to 3, further comprising

determining means configured to determine that the target object is shipped when the coded information acquiring means acquires the first coded information in a shipping operation.

[Claim 8]

The warehousing and shipping operation support system according to claim 4, wherein

the memory means stores second coded information contained in an identification signal transmitted from an object radio communication terminal installed in each of the plurality of objects within a predetermined range,

the warehousing and shipping operation support system further comprises signal acquiring means configured to automatically acquire the identification signal received by a receiver unit when the receiver unit enters the predetermined range, the receiver unit being configured to receive the identification signal, and

the determining means determines a work status in a shipping operation on the basis of the second coded information corresponding to the object specified by the specifying means, the second coded information contained in the identification signal acquired by the signal acquiring means, and the location information of the operator acquired when the signal acquiring means acquires the identification signal.

[Claim 9]

The warehousing and shipping operation support system according

to claim 8, wherein

the location information acquiring means automatically acquires the location information of the object radio communication terminal, and

the warehousing and shipping operation support system further comprises transmitter means configured to transmit an operation instruction signal for performing a viewable specific operation on the object radio communication terminal attached to the object specified by the specifying means as the operator approaches within a predetermined distance during a shipping operation.

[Claim 10]

The warehousing and shipping operation support system according to claim 9, wherein

the object radio communication terminal includes a lamp, and

the viewable specific operation is a lighting, a flickering, and a combination of the lighting and the flickering of the lamp.

[Claim 11]

The warehousing and shipping operation support system according to any one of claims 1 to 10, further comprising

notifying means configured to notify an area for a next operation out of a plurality of areas obtained by dividing an inner space of a warehouse to the operator.

[Claim 12]

The warehousing and shipping operation support system according to any one of claims 1 to 11, wherein

the processing means associates the first coded information with the location information of the operator regardless of the location of the operator.

[Claim 13]

A warehousing and shipping operation support method executed by a computer of a warehousing and shipping operation support system, comprising:

storing first coded information contained in an optical recognition code attached to each of a plurality of objects;

acquiring the first coded information contained in the optical recognition code attached to a target object out of the plurality of objects;

automatically acquiring location information of an operator based on a communication with a communication tag attached to the operator; and

associating the stored first coded information with the acquired location information of the operator.

[Claim 14]

The warehousing and shipping operation support method according to claim 13, further comprising:

specifying an object for a next operation out of the plurality of objects; and

determining a work status on the basis of the first coded information corresponding to the specified object, the acquired first coded information, and the location information of the operator acquired when the first coded information is acquired.

[Claim 15]

A program executable by a computer of a warehousing and shipping operation support system, the program causing the computer to execute:

storing first coded information contained in an optical recognition code attached to each of a plurality of objects;

acquiring the first coded information contained in the optical

recognition code attached to a target object out of the plurality of objects;

automatically acquiring location information of an operator based on a communication with a communication tag attached to the operator; and

associating the stored first coded information with the acquired location information of the operator.

[Claim 16]

The program according to claim 15, the program causing the computer to further execute:

specifying an object for a next operation out of the plurality of objects; and

determining a work status on the basis of the first coded information corresponding to the specified object, the acquired first coded information, and the location information of the operator acquired when the first coded information is acquired.

[Claim 17]

A warehousing and shipping operation support device comprising:

a memory unit configured to store first coded information contained in an optical recognition code attached to each of a plurality of objects;

a coded information acquiring unit configured to externally acquire the first coded information contained in the optical recognition code attached to a target object out of the plurality of objects;

an location information specifying unit configured to automatically specify location information of an operator based on a communication with a communication tag attached to the operator; and

a processing unit configured to associate the first coded information stored in the memory unit with the location information of the operator specified by the location information specifying unit.

[Claim 18]

The warehousing and shipping operation support device according to claim 17, wherein

the processing unit specifies an object for a next operation out of the plurality of objects; and determines a work status on the basis of the first coded information corresponding to the object specified by the processing unit, the first coded information acquired by the coded information acquiring unit, and the location information of the operator acquired when the coded information acquiring unit acquires the first coded information.