CLAIMS

1. A logistics support method in a logistics support system including a logistics information system that performs communication with at least transportation depot terminals via a computer network, the transportation depot terminals being provided in transportation depots, comprising:

causing the logistics information system to store at least transportation information in a storage device, the transportation information being information in which at least package identification information that allows unique specification of a package, delivery destination identification information that allows unique identification of a delivery destination of the package, and transportation-related information about transportation of the package are associated with each other, sets of the transportation information being stored for respective packages; and

causing the logistics information system to:

compare the sets of transportation information so as to search for sets of transportation information for multiple packages that:

(i) have the same delivery destination identification information; and

(ii) stay in a same transportation depot at the same moment, or are expected to stay in the same transportation depot at the same moment, or are re-scheduled to stay, in response to an instruction received from a delivery destination terminal corresponding to the delivery destination identification information, in the same transportation depot within a predetermined duration calculated based on the same moment,

based on the transportation-related information, and

to transmit the pieces of the package identification information included in the searched-out sets of transportation information to the same transportation depot terminal provided in the same transportation depot in which the multiple packages stay at the same moment or are expected to stay at the same moment or are re-scheduled, in response to the instruction received from the delivery destination terminal, to stay at the same moment so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment.

2. The logistics support method according to claim 1, wherein, instead of the delivery destination identification information that allows unique identification of a delivery destination of the package, delivery destination area identification information that allows unique identification of a delivery destination area of the package is used.

3. The logistics support method according to claim 1 or 2, wherein due to the instruction received, for an earlier package and a later package of which their delivery destination identification information or their delivery destination area identification information are common and passing the same transportation depot, the logistics information system changes stay end time included in the transportation-related information of the earlier package such that both packages stay at the same time at the transportation depot.

4. A logistics support system, comprising a logistics information system that performs communication with at least transportation depot terminals via a computer network, the transportation depot terminals being provided in transportation depots, wherein

the logistics information system stores at least transportation information in a storage device, the transportation information being information in which at least package identification information that allows unique specification of a package, delivery destination identification information that allows unique identification of a delivery destination of the package, and transportation-related information about transportation of the package are associated with each other, sets of the transportation information being stored for respective packages, and

the logistics information system compares the sets of transportation information so as to search for sets of transportation information for multiple packages that:

(i) have the same delivery destination identification information; and

(ii) stay in a same transportation depot at the same moment, or are expected to stay in the same transportation depot at the same moment, or are re-scheduled to stay, in response to an instruction received from a delivery destination terminal corresponding to the delivery destination identification

information, in the same transportation depot within a predetermined duration calculated based on the same moment,

based on the transportation-related information, and

transmits the pieces of the package identification information included in the searched-out sets of transportation information to the same transportation depot terminal provided in the same transportation depot in which the multiple packages stay at the same moment or are expected to stay at the same moment or are re-scheduled, in response to the instruction received from the delivery destination terminal, to stay at the same moment so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment.

5. The logistics support system according to claim 4, wherein, instead of the delivery destination identification information that allows unique identification of a delivery destination of the package, delivery destination area identification information that allows unique identification of a delivery destination area of the package is used.

6. The logistics support system according to claim 4 or 5, wherein due to an instruction received, for an earlier package and a later package of which their delivery destination identification information or their delivery destination area identification information are common and passing the same transportation depot, the logistics information system changes stay end time included in the transportation-related information of the earlier package such that both packages stay at the same time at the transportation depot.

7. A logistics support program in a logistics support system including a logistics information system that performs communication with at least transportation depot terminals via a computer network, the transportation depot terminals being provided in each of transportation depots, the program causing the logistics information system to execute processing of:

storing at least transportation information in a storage device, the transportation information being information in which at least package identification information that allows unique specification of a package, delivery destination identification information that allows unique identification of a delivery destination of the package, and transportation-related information about transportation of the package are associated with each other, sets of the transportation information being stored for respective packages; and

comparing the sets of transportation information so as to search for sets of transportation information for packages that:

(i) have the same delivery destination identification information; and

(ii) stay in a same transportation depot at the same moment, or are expected to stay in the same transportation depot at the same moment, or are re-scheduled to stay, in response to an instruction received from a delivery destination terminal corresponding to the delivery destination identification information, in the same transportation depot within a predetermined duration calculated based on the same moment,

based on the transportation-related information, and

transmitting the pieces of the package identification information included in the searched-out sets of transportation information to the same transportation depot terminal provided in the same transportation depot in which the multiple packages stay at the same moment or are expected to stay at the same moment or are re-scheduled, in response to the instruction received from the delivery destination terminal, to stay at the same moment so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment.

8. The logistics support program according to claim 7, wherein, instead of the delivery destination identification information that allows unique identification of a delivery destination of the package, delivery destination area identification information that allows unique identification of a delivery destination area of the package is used.

9. The logistics support program according to claim 7 or 8, wherein due to an instruction received, for an earlier package and a later package of which their delivery destination identification information or their delivery destination area identification

information are common and passing the same transportation depot, the logistics information system changes stay end time included in the transportation-related information of the earlier package such that both packages stay at the same time at the transportation depot.

LOGISTICS SUPPORT METHOD, SYSTEM, AND PROGRAM

[Abstract]
[Object]

An object is to provide a new form of distribution that can more reduce the cost of acquiring products even in a case of buying a small amount of low-price products from direct sales, for example, than in a case of busing via intermediary distribution.

[Solving Means]

A logistics information system (1) stores transportation information. The transportation information includes package identification information, delivery destination identification information of the package, and transportation-related information of the package. The logistics information system (1) compares sets of the transportation information so as to search for sets of transportation information for packages that: have the same delivery destination identification information; and stay in the same transportation depot at the same moment or are expected to stay in the same transportation depot at the same moment, based on the transportation-related information. Then, the logistics information system (1) transmits the pieces of the package identification information to a transportation depot terminal (4) so as to consolidate the packages specified by the searched-out sets of transportation information in one consignment.

[Fig. 1]