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, based on the transportation-related 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;

when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment,

re-schedule at least one of the multiple packages 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; and

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 so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment,

wherein the re-scheduling comprises changing a stay end time included in the transportation-related information of an earlier package such that the earlier package is rescheduled to stay at the same time at the same transportation depot as a later package.

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, when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment and the difference between the stay end time of the earlier package and the stay start time of the later package is within a predetermined option term, the logistics information system is caused to transmit an inquiry message to the delivery destination terminal and to receive, as the instruction, a response indicating whether to postpone the stay end time.

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 based on the transportation-related 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;

when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment,

the logistics information system re-schedules at least one of the multiple packages 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; 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 so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment,

wherein logistics information system reschedules at least one of the multiple packages by changing a stay end time included in the transportation-related information of an earlier package such that the earlier package is rescheduled to stay at the same time at the same transportation depot as a later package.

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, when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment and the difference between the stay end time of the earlier package and the stay start time of the later package is within a predetermined option term, the logistics information system transmits an inquiry message to the delivery destination terminal and receives, as the instruction, a response indicating whether to postpone the stay end time.

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, based on the transportation-related 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;

when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment,

re-scheduling at least one of the multiple packages 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; 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 so as to consolidate the multiple packages specified by the searched-out sets of transportation information in one consignment,

wherein the re-scheduling comprises changing a stay end time included in the transportation-related information of an earlier package such that the earlier package is rescheduled to stay at the same time at the same transportation depot as a later package.

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, when the multiple packages do not stay or are not expected to stay in the same transportation depot at the same moment and the difference between the stay end time of the earlier package and the stay start time of the later package is within a predetermined option term, the logistics support program causes the logistics information system to transmit an inquiry message to the delivery destination terminal and to receive, as the instruction, a response indicating whether to postpone the stay end time.