CLAIMS

1. A distribution container management system for managing distribution containers shipped and received between a plurality of sites, comprising:

inventory storage means for storing an asset inventory indicating a total number of the distribution containers serving as management objects, a site inventory indicating a number of the distribution containers which exist for the respective sites, and an adjustment inventory indicating a gap quantity between a shipping quantity and a receiving quantity of the distribution containers for each shipment-and-receipt;

shipment-and-receipt information acquisition means for acquiring shipment information which associates information indicating a shipping site with information indicating the shipping quantity of the distribution containers or receipt information which associates information indicating a receiving site with information indicating the receiving quantity of the distribution containers;

shipment-and-receipt-specific information acquisition means for acquiring shipment-and-receipt-specific information which specifies shipment-and-receipt associated with the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means;

inventory update means for updating the site inventory of the shipping site or the receiving site based on the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means; and

adjustment inventory calculation means for calculating the adjustment inventory about the shipment-and-receipt specified by the shipment-and-receipt-specific information acquired by the shipment-and-receipt-specific information acquisition means based on the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means, and for storing the adjustment inventory in the inventory storage means, wherein

the adjustment inventory calculation means calculates the adjustment inventory by regarding the shipping quantity as “0” if the shipment information has not been acquired at the time of calculating the adjustment inventory and regarding the receiving quantity as “0” if the receipt information has not been acquired at the time of calculating the adjustment inventory,

the shipment-and-receipt-specific information includes section information indicating a section of the shipment-and-receipt,

the section information is any of a movement section indicating that the asset inventory is not changed, an asset input section indicating that the asset inventory is increased by the receiving quantity of the distribution containers associated with the receipt information, and an asset exclusion section indicating that the asset inventory is decreased by the shipping quantity of the distribution containers associated with the shipment information, and

the inventory update means refers to the section information included in the shipment-and-receipt-specific information, and in a case where the section information is the asset input section or the asset exclusion section, the inventory update means increases or decreases the

asset inventory according to the section information.

2. The distribution container management system according to claim 1, wherein

the shipment-and-receipt-specific information includes information indicating a scheduled receipt point in time about the shipment-and-receipt, and

in a case where the shipment information is acquired and the receipt information is not acquired by the shipment-and-receipt information acquisition means, the adjustment inventory calculation means acquires information indicating a present point in time and compares the present point in time and the scheduled receipt point in time included in the shipment-and-receipt-specific information, and in a case where the present point in time is prior to the scheduled receipt point in time, the adjustment inventory calculation means associates information indicating that the distribution containers are being moved with the adjustment inventory about the shipment-and-receipt specified by the shipment-and-receipt-specific information.

3. The distribution container management system according to claim 1 or 2, wherein the adjustment inventory calculation means refers to the section information included in the shipment-and-receipt-specific information, and determines whether to calculate the adjustment inventory based on the section information.

4. A distribution container management method executed by a

distribution container management system for managing distribution containers shipped and received between a plurality of sites, the distribution container management system including inventory storage means for storing an asset inventory indicating a total number of the distribution containers serving as management objects, a site inventory indicating a number of the distribution containers which exist for the respective sites, and an adjustment inventory indicating a gap quantity between a shipping quantity and a receiving quantity of the distribution containers for each shipment-and-receipt, comprising:

a shipment-and-receipt information acquisition step of acquiring shipment information which associates information indicating a shipping site with information indicating the shipping quantity of the distribution containers or receipt information which associates information indicating a receiving site with information indicating the receiving quantity of the distribution containers;

a shipment-and-receipt-specific information acquisition step of acquiring shipment-and-receipt-specific information which specifies shipment-and-receipt associated with the shipment information or the receipt information acquired in the shipment-and-receipt information acquisition step;

an inventory update step of updating the site inventory of the shipping site or the receiving site based on the shipment information or the receipt information acquired in the shipment-and-receipt information acquisition step; and

an adjustment inventory calculation step of calculating the adjustment inventory about the shipment-and-receipt specified by the

shipment-and-receipt-specific information acquired in the shipment-and-receipt-specific information acquisition step based on the shipment information or the receipt information acquired in the shipment-and-receipt information acquisition step, and of storing the adjustment inventory in the inventory storage means, wherein

in the adjustment inventory calculation step, the adjustment inventory is calculated by regarding the shipping quantity as "0" if the shipment information has not been acquired at the time of calculating the adjustment inventory and regarding the receiving quantity as "0" if the receipt information has not been acquired at the time of calculating the adjustment inventory,

the shipment-and-receipt-specific information includes section information indicating a section of the shipment-and-receipt,

the section information is any of a movement section indicating that the asset inventory is not changed, an asset input section indicating that the asset inventory is increased by the receiving quantity of the distribution containers associated with the receipt information, and an asset exclusion section indicating that the asset inventory is decreased by the shipping quantity of the distribution containers associated with the shipment information, and

in the inventory update step, the section information included in the shipment-and-receipt-specific information is referred to, and in a case where the section information is the asset input section or the asset exclusion section, the asset inventory is increased or decreased according to the section information.

5. A distribution container management program for causing a computer to function as:

inventory storage means for storing an asset inventory indicating a total number of the distribution containers serving as management objects, a site inventory indicating a number of the distribution containers which exist for the respective sites, and an adjustment inventory indicating a gap quantity between a shipping quantity and a receiving quantity of the distribution containers for each shipment-and-receipt;

shipment-and-receipt information acquisition means for acquiring shipment information which associates information indicating a shipping site with information indicating the shipping quantity of the distribution containers or receipt information which associates information indicating a receiving site with information indicating the receiving quantity of the distribution containers;

shipment-and-receipt-specific information acquisition means for acquiring shipment-and-receipt-specific information which specifies shipment-and-receipt associated with the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means;

inventory update means for updating the site inventory of the shipping site or the receiving site based on the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means; and

adjustment inventory calculation means for calculating the adjustment inventory about the shipment-and-receipt specified by the

shipment-and-receipt-specific information acquired by the shipment-and-receipt-specific information acquisition means based on the shipment information or the receipt information acquired by the shipment-and-receipt information acquisition means, and for storing the adjustment inventory in the inventory storage means, wherein

the adjustment inventory calculation means calculates the adjustment inventory by regarding the shipping quantity as "0" if the shipment information has not been acquired at the time of calculating the adjustment inventory and regarding the receiving quantity as "0" if the receipt information has not been acquired at the time of calculating the adjustment inventory,

the shipment-and-receipt-specific information includes section information indicating a section of the shipment-and-receipt,

the section information is any of a movement section indicating that the asset inventory is not changed, an asset input section indicating that the asset inventory is increased by the receiving quantity of the distribution containers associated with the receipt information, and an asset exclusion section indicating that the asset inventory is decreased by the shipping quantity of the distribution containers associated with the shipment information, and

the inventory update means refers to the section information included in the shipment-and-receipt-specific information, and in a case where the section information is the asset input section or the asset exclusion section, the inventory update means increases or decreases the asset inventory according to the section information.