Method for collaborative supply chain management using a network based automated collection and retail system

Abstract:

The invention relates to a method for collaborative supply chain management using a network based automated collection and retail system.

The method includes an automated distribution system, comprising of one or more product dispensing machines, which can sell products directly to consumers, in addition to retrieve information from a network which allows customers to collect products ordered in earlier transactions from one or more specific product suppliers.

The method further includes a score computation system which will be used to rank a specific product as a derived computation of supply chain demand based on the summation of the “collection demand” and “retail demand” measured from the actions of the customers.

By using this invention to share resources, combine and collaboratively manage supply chain demand of multiple suppliers simultaneously, the stock inventory, delivery flow and logistics efficiency of products will be significantly improved, resulting in lower costs for the consumers.

FIG. 1, FIG. 2, FIG. 3