WHAT IS CLAIMED IS:

1. A freight container module used for an unmanned handling unit for a reconfigurable decentralized shipping system, the freight container module having identity identifying means, wherein the freight container module is available for at least one shipper to pre-pack at least one shipment, and after the identity identifying means identifies the freight container module, the freight container module is shipped by the reconfigurable decentralized shipping system to one predetermined target; wherein the freight container module is of a size selected from a plurality of predetermined sizes; wherein the reconfigurable decentralized shipping system comprises a plurality of paired lock bars and at least one receiving means; wherein the freight container module comprises:

a body configured to receive the shipment; and

a pair of pivotal lock bars, disposed pairwise on the body corresponding to the paired lock bars, the pair of pivotal lock bars being configured for mutually locking with the lock bars to receive the freight container module into the receiving means and for mutually detaching from the lock bars to take out the freight container module with the shipment packed from the receiving means, each of the pivotal lock bars having at least one elastomer element, the elastomer element being configured for providing elasticity after the pivotal lock bars are mutually locked with the lock bars to thereby securely store the freight container module in one of the receiving means.

2. The freight container module according to claim 1, wherein the pivotal lock bar is a hooking member.

3. The freight container module according to claim 1, wherein the pivotal lock bar is a T-shape buckle.

4. The freight container module according to claim 1, wherein the predetermined target refers to a recipient, a truck, or a freight collection location.

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