What is claimed is:

1. A lockset, comprising:

a connection pin, wherein a first end of the connection pin is for being fixed to a first connection, and a notch is provided on a sidewall of a second end of the connection pin;

a lock bracket for being fixed to a second connection; and

a lock rod, which is rotatablely provided within the lock bracket such that the lock rod has an open position and a closed position, wherein a groove is provided on a sidewall of a first end of the lock rod,

wherein, only the lock rod is inserted into the lock bracket, but the connection pin is not, and in an assembled state, the groove of the first end of the lock rod can accommodate the second end of the connection pin passing through the second connection when the lock rod is at the open position, such that the connection pin is moveable in an axial direction; and the first end of the lock rod is accommodated within the notch of the second end of the connection pin passing through the second connection when the lock rod is at the closed position so as to prevent the connection pin from moving axially.

2. The lockset according to claim 1, wherein a handle is disposed on a second end of the lock rod for driving the lock rod to rotate.

3. The lockset according to claim 2, wherein the lock bracket has a locking component provided thereon to lock the handle when the lock rod rotates to the closed position.

4. The lockset according to claim 1, wherein the lock rod is provided within the lock bracket with the lock rod immovable in both axial and radial directions.

5. The lockset according to claim 4, wherein the lock bracket is provided with an oblong through-hole encompassing the lock rod, and a handle is disposed at a second end of the lock rod, wherein a first end of the handle passes through the oblong through-hole to connect to the lock rod, with the size of the first end of the handle matching with the width of the oblong through-hole so as to restrain the lock rod from moving in its axial direction, and wherein the first end of the handle is moveable in the oblong through-hole along its length direction.

6. The lockset according to claim 5, wherein the groove is located in such a position as to accommodate the second end of the connection pin when the first end of the handle moves to one end of the oblong through-hole.

7. The lockset according to claim 5, wherein an accommodating hole is arranged on the lock rod at a position connected to the first end of the handle, and the first end of the handle is accommodated within the accommodating hole in which the first end of the handle is connected to the lock rod.

8. The lockset according to claim 5, wherein the handle is U-shaped, and a second end of the handle is connected to the lock rod outside the lock bracket.

9. The lockset according to claim 8, wherein an opening direction of the groove is perpendicular to a plane on which the handle is located.

10. The lockset according to claim 4, wherein the lock bracket is provided with an arc groove extending along the axial direction of the lock rod, and the lock rod is accommodated within the arc groove and matches with the arc groove so as to cooperate with the second connection in restraining the lock rod from moving in the radial direction.

11. The lockset according to claim 1, wherein the connection pin is cylindrical, and the groove is semicircular for matching with the connection pin.

12. The lockset according to claim 1, wherein the lock rod is cylindrical, and the notch is semicircular for matching with the lock rod.

13. A detachable pallet container, comprising a base, a pair of sidewall detachablely connected to one pair of opposite edges of the base, and a pair of end walls detachablely connected to the other pair of opposite edges, wherein the detachable pallet container also comprises a lockset as claimed in any one of claims 1-12, wherein the connection pin is perpendicularly fixed to an end face of the sidewall, the lock bracket is fixed on an exterior side of the end wall to which the lock rod is parallel, and a through-hole for the connection pin passing therethrough is arranged on the end wall at a position corresponding to the connection pin, wherein in the assembled state, the second end of the connection pin passes through the through-hole on the end wall to cooperate with the lock rod, so as to enable the side wall and the end wall to interlock with each

other.

14. The detachable pallet container according to claim 13, wherein an opening direction of the notch is upward.

15. The detachable pallet container according to claim 14, wherein a press plate is disposed on the end wall over the through-hole, and the space formed between the notch and the press plate fits with the lock rod after the connection pin passes through the through-hole.