**WHAT IS CLAIMED IS:**

1. A semiconductor package loading apparatus comprising:

at least one transfer picker for picking up a semiconductor package and transferring the semiconductor package in one direction; a transfer block having a package seating part where the semiconductor package picked up by the transfer picker is seated and at least one return space formed on an upper portion thereof, and orthogonally movable with respect to a transfer direction of the transfer picker; and a pusher loading the semiconductor package seated in the transfer block into a tube and linearly reciprocating,

wherein the return space is a recessed part formed in an upper surface of the transfer block or a stepped part formed in the upper surface of the transfer block such that the pusher moves therein, and the pusher loads the semiconductor package into the tube through the package seating part and moves backward through the return space as the transfer block moves after the semiconductor package is loaded into the tube.

2. A semiconductor package loading apparatus comprising:

a vision device inspecting the quality of a semiconductor package according to certain quality criteria;

at least one transfer picker for picking up a semiconductor package and transferring the semiconductor package in one direction according to an inspection result;

a transfer block having a package seating part where the semiconductor package picked up by the transfer picker is seated and at least one return space formed on an upper portion thereof, and orthogonally movable with respect to a transfer direction of the transfer picker;

6. The semiconductor package loading apparatus of claim 1 or 2, further comprising a clamp that selectively opens and closes all or a part of an upper portion of the semiconductor package seated in the package seating part of the transfer block to prevent the semiconductor package seated in the package seating part from being separated therefrom.

7. The semiconductor package loading apparatus of claim 2, wherein a semiconductor package loaded into the tube is a good product, and a semiconductor package to be reworked is temporarily loaded into the tray.

8. The semiconductor package loading apparatus of claim 1 or 2, wherein the return space is formed parallel to a longitudinal direction of the package seating part at one or both sides of the package seating part.

9. The semiconductor package loading apparatus of claim 1 or 2, wherein the return space is a recessed part or a stepped part formed in an upper surface of the transfer block such that the pusher moves therethrough.

10. A semiconductor package loading method comprising:
seating a semiconductor package picked up by one transfer picker in a package seating part of a transfer block having at least one return space;
moving the transfer block in which the semiconductor package is seated to a loading position;

12. The semiconductor package loading method of claim 10 or 11, wherein while the pusher is moving backward through the return space, an incoming semiconductor package picked up by the other transfer picker is seated in the package seating part that is vacant.

13. The semiconductor package loading method of claim 10 or 11, wherein the return space is formed parallel to a longitudinal direction of the package seating part at one side or both sides of the package seating part.

14. The semiconductor package loading method of claim 10 or 11, wherein a distance(d1) between the package seating part and the return space is equal to or smaller than a distance(d2) between the respective transfer picker and the pusher.

15. The semiconductor package loading method of claim 11, wherein the semiconductor package loaded to the tray is a rework product, and the rest of the semiconductor packages loaded into the tube are good products.

16. The semiconductor package loading method of claim 10 or 11, wherein the return space is a recessed part formed in an upper surface of the transfer block or a stepped part formed in ~~an~~ the upper surface of the transfer block such that the pusher moves therein.