Claims:

1. A sliced assembly type container, characterized in that the sliced assembly type container is in consistent with ISO requirements about a general cargo container, and comprises a bottom finished module, two lateral finished modules, two door finished modules respectively hinged to door ends of lateral bodies of the two lateral finished modules, a top finished module, and a front finished module, and

the bottom finished module comprises: a bottom body, comprising two sets of door end bottom corner fittings, bottom longitudinal beams and front end bottom corner fittings, respectively disposed on both sides thereof; two bottom lateral connecting parts, respectively disposed on both sides of the bottom body, to fixedly connect the two lateral finished modules, each of the bottom lateral connecting parts comprises a lateral connecting element, a first corner connecting element at the door end of the lateral connecting element, and a second corner connecting element at a front end of the lateral connecting element; and a bottom front connecting part, disposed at a front end of the bottom body, to connect the front finished module;

the lateral finished module comprises: a lateral body, comprising a lateral wall, a front end corner pillar connected to a front end of the lateral wall, and a door end corner pillar connected to a door end of the lateral wall; lateral bottom connecting parts, disposed on a bottom side of the lateral body, to fixedly connect the bottom finished module, each of the lateral bottom connecting parts comprises a lateral connecting element, a first corner connecting element at a door end of the lateral connecting element, and a second corner connecting element at a front end of the lateral connecting element; lateral top connecting parts, disposed on a top side of the lateral body, to fixedly connect the top finished module, each of the lateral top connecting parts

comprises a lateral connecting element, a first corner connecting element at a door end of the lateral connecting element, and a second corner connecting element at a front end of the lateral connecting element; and a lateral front connecting part, disposed at a front end of the lateral body, to connect the front finished module;

the top finished module comprises: a top body, comprising two sets of door end top corner fittings, top longitudinal beams, and front end top corner fittings positioned on both sides thereof; two top lateral connecting parts, respectively disposed on both sides of the top body, to fixedly connect the two lateral finished modules, each of the top lateral connecting parts comprises a lateral connecting element, a first corner connecting element at a door end of the lateral connecting element, and a second corner connecting element at a front end of the lateral connecting element; and a top front connecting part, disposed at the front end of the top body, to connect the front finished module;

the front finished module comprises: a front body; a front bottom connecting part, disposed on a bottom side of the front body, to connect the bottom finished module; two front lateral connecting parts, respectively disposed on both sides of the front body, to connect the two lateral finished modules; and a front top connecting part, disposed on a top side of the front body, to connect the top finished module;

wherein between the bottom finished module and the lateral finished modules as well as between the lateral finished modules and the top finished module, there are totally four pairs of the lateral connecting elements being able to be fixedly connected together via a connecting piece and/or a structural adhesive, and the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place.

2. The sliced assembly type container according to claim 1, characterized in that the door finished module and the lateral finished module are one integrated finished module; or, the door finished modules and the lateral finished module are two finished modules separated from each other.

3. The sliced assembly type container according to claim 1, characterized in that the bottom body further comprises a front end bottom beam connected between the two front end bottom corner fittings, a doorsill connected between of the two door end bottom corner fittings, bottom crossbeams each connected between the two bottom longitudinal beams, and a floor; the first corner connecting element of the bottom lateral connecting parts is disposed on a top of the door end bottom corner par, the second corner connecting element is disposed on a top of the front en.d bottom corner fitting, and the lateral connecting elements are disposed on a top of the bottom longitudinal beam; the first corner connecting element of the lateral bottom connecting part is disposed on a bottom of the door end corner pillar, the second corner connecting element is disposed on a bottom of the front end corner pillar, the lateral connecting elements are disposed on a bottom of the lateral wall; and wherein the corresponding lateral connecting elements are able to be fixedly connected together via a connecting piece.

4. The sliced assembly type container according to claim 3, characterized in that one of the two first corner connecting element comprises a vertically extending protrusion; the other of the two first corner connecting elements comprises a receiving cavity correspondingly for insertion of the protrusion; and the two first corner connecting elements are able to be fixedly connected together by a connecting piece in

cooperation with the protrusion and the receiving cavity.

5. The sliced assembly type container according to claim 4, characterized in that a connection structure of the two first corner connecting elements is selected from any one of the plug-in structures below:

a first plug-in structure: the first corner connecting element of the bottom lateral connecting part comprises a upwardly protruding protrusion, and a first connecting hole and first mounting holes around the first connecting hole are horizontally disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at a bottom of the door end corner pillar, and a second connecting hole and second mounting holes surrounding the second connecting hole are horizontally disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the connecting piece comprises a connecting pin and a fastener, the connecting pin is disposed to penetrate through the first and second connecting holes and has a locking effect and has third mounting holes disposed therein, and the fastener is disposed to penetrate into the first to third mounting holes;

a second plug-in structure: the first corner connecting element of the bottom lateral connecting part comprises a upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of the door end corner pillar, and a connecting hole is disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the connecting pieces are disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a third plug-in structure: the first corner connecting element of the bottom lateral

connecting part comprises a upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of the door end corner pillar, and a connecting hole is disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the door end corner pillar comprises a first corner pillar part, a second corner pillar part and a reinforcing part, which all are welded together, the reinforcing part is correspondingly welded in the bottom of the first corner pillar part/the second corner pillar part and located between the first corner pillar part and the second corner pillar part, the connecting hole in the bottom of the door end corner pillar comprises holes formed in the first corner pillar part, the reinforcing part and the second corner pillar part, respectively; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having a locking effect may be selected;

a fourth plug-in structure: the first corner connecting element of the bottom lateral connecting part comprises an upwardly protruding protrusion, and two connecting holes and a mounting hole positioned on a side of each of the connecting holes and communicating with the connecting holes are disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of the door end corner pillar, and two connecting holes and a mounting hole positioned on a side of each of the connecting holes and communicating with the connecting holes are horizontally disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the connecting piece comprises two connecting pins and a fastener, the connecting pins are correspondingly disposed to penetrate into the connecting holes and have locking effect, and the fastener is correspondingly disposed to penetrate into the mounting holes;

a fifth plug-in structure: the first corner connecting element of the bottom lateral connecting parts comprises a upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of the door end corner pillar, a connecting hole is disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the connecting piece comprises a bolt having a locking effect and a tail cone and being correspondingly disposed to penetrate into the connecting holes.

a sixth plug-in structure: the first corner connecting element of the bottom lateral connecting part comprises a connecting block having a downwardly depressed receiving cavity, the connecting block has a horizontally traversing connecting hole disposed therein; the first corner connecting element of the lateral bottom connecting part comprises a downwardly protruding protrusion, and a connecting hole is disposed in the protrusion to horizontally pass therethrough; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a seventh plug-in structure: the first corner connecting element of the bottom lateral connecting parts comprises a vertically extending protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity for insertion of the protrusion; the connecting piece is formed by solidification of a filler injected into the receiving cavity;

an eighth plug-in structure: the first corner connecting element of the lateral bottom connecting part comprises a vertically extending protrusion; the first corner connecting element of the bottom lateral connecting part comprises a receiving cavity for insertion of the protrusion; the connecting piece is formed by solidification of a

filler injected into the receiving cavity.

6. The sliced assembly type container according to claim 5, characterized in that the connecting piece having locking effect is a rivet.

7. The sliced assembly type container according to claim 3, characterized in that the first corner connecting element of the bottom lateral connecting parts comprises a first overlapping piece; the first corner connecting element of the lateral bottom connecting part comprises a second overlapping piece, and the two first corner connecting elements are able to be fixedly connected together by a connecting piece in cooperation with the two overlapping pieces.

8. The sliced assembly type container according to claim 7, characterized in that a connection structure of the two first corner connecting element is selected from any of the overlapped structures below:

a first overlapped structure: the first overlapping piece has a horizontally overlapping surface with a connecting hole disposed therein; the second overlapping piece has a horizontally overlapping surface with a connecting hole disposed therein; the connecting piece is selected to be a fastener correspondingly to penetrate into the connecting holes;

a second overlapped structure: the first overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the second overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a third overlapped structure: the first overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the second overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; wherein one of the two overlapping pieces has an overlapping surface with a clasp slot depressed therein, and the other of the two overlapping pieces has an overlapping surface with a clasp block protruded therein, the clasp block is in cooperation with the clasp slot; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected.

9. The sliced assembly type container according to claim 8, characterized in that the connecting piece having locking effect is a rivet.

10. The sliced assembly type container according to claim 3, characterized in that the second corner connecting element of the bottom lateral connecting part comprises a first overlapping piece; the second corner connecting element of the lateral bottom connecting part comprises a second overlapping piece, the two second corner connecting elements are able to be fixedly connected together by a connecting piece in cooperation with the two overlapping pieces.

11. The sliced assembly type container according to claim 10, characterized in that a connection structure of the two second corner connecting element is selected from any of the overlapped structures below:

a first overlapped structure: the first overlapping piece has a horizontally overlapping surface with a connecting hole disposed therein; the second overlapping piece has a horizontally overlapping surface with a connecting hole disposed therein;

the connecting piece is chosen to be a fastener correspondingly to penetrate into the connecting holes;

a second overlapped structure: the first overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the second overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a third overlapped structure: the first overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; the second overlapping piece has a vertically overlapping surface with a connecting hole disposed therein; wherein one of the two overlapping pieces has an overlapping surface with a clasp slot depressed therein, and the other of the two overlapping pieces has an overlapping surface with a clasp block protruded therein, the clasp block is in cooperation with the clasp slot; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a fourth overlapped structure: the first overlapping piece comprises a first part having a vertically overlapping surface with a connecting hole disposed therein, and a second part having a horizontally overlapping surface with a connecting hole disposed therein; the second overlapping piece comprises a first part having a vertically overlapping surface with a connecting hole disposed therein, and a second part having a horizontally overlapping surface with a connecting hole disposed therein; the connecting pieces are disposed to horizontally penetrate into the connecting holes and disposed to vertically penetrate into the connecting holes, wherein the connecting piece disposed to horizontally penetrate into the connecting holes is selected to be a connecting piece having locking effect, and the connecting piece disposed to vertically

penetrate into the connecting holes is a fastener.

12. The sliced assembly type container according to claim 11, characterized in that in any of the overlapped structures, the first overlapping piece has a shape of L; and the second overlapping piece has a shape of L.

13. The sliced assembly type container according to claim 11, characterized in that the connecting piece having locking effect is a rivet.

14. The sliced assembly type container according to claim 3, characterized in that one of the two second corner connecting elements comprises a vertically extending protrusion; the other of the two second corner connecting elements comprises a receiving cavity for insertion of the protrusion; the two second corner connecting elements are able to be fixedly connected together by a connecting piece in cooperation with the two overlapping pieces.

15. The sliced assembly type container according to claim 14, characterized in that a connection structure of the two second corner connecting element is selected from any one of the plug-in structures below:

a first plug-in structure: the second corner connecting element of the bottom lateral connecting part comprises upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the second corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of front end corner pillar, the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a second plug-in structure: the second corner connecting element of the bottom lateral connecting part comprises upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the second corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at the bottom of the front end corner pillar, a connecting hole is disposed in the protrusion in the bottom of the front end corner pillar at a position corresponding to the receiving cavity; the front end corner pillar comprises a first corner pillar part, a second corner pillar part and a reinforcing part, which all are welded together, the reinforcing part is correspondingly welded in the bottom of the first corner pillar part/the second corner pillar part and located between the first corner pillar part and the second corner pillar part, the connecting hole in the bottom of the front end corner pillar comprises holes formed in the first corner pillar part, the reinforcing part and the second corner pillar part, respectively; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected;

a third plug-in structure: the second corner connecting element of the bottom lateral connecting part comprises a connecting block having a downwardly depressed receiving cavity, the connecting block has a connecting hole disposed therein; the second corner connecting element of the lateral bottom connecting part comprises a downwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the connecting piece is disposed to penetrate into the connecting holes, and the connecting piece having locking effect may be selected.

a fourth plug-in structure: the second corner connecting element of the bottom lateral connecting part comprises a vertically extending protrusion; the second corner connecting element of the lateral bottom connecting part comprises a receiving cavity for insertion of the protrusion; the connecting piece is formed by solidification of a

filler injected into the receiving cavity;

a fifth plug-in structure: the second corner connecting element of the lateral bottom connecting part comprises a vertically extending protrusion; the second corner connecting element of the bottom lateral connecting part comprises a receiving cavity for insertion of the protrusion; the connecting piece is formed by solidification of a filler injected into the receiving cavity.

16. The sliced assembly type container according to claim 15, characterized in that the connecting piece having locking effect is a rivet.

17. The sliced assembly type container according to claim 3, characterized in that the first corner connecting element of the bottom lateral connecting parts comprises a upwardly protruding protrusion, and a connecting hole is disposed in the protrusion; the first corner connecting element of the lateral bottom connecting part comprises a receiving cavity formed at a bottom of the door end corner pillar, a connecting hole is disposed in the bottom of the door end corner pillar at a position corresponding to the receiving cavity; the connecting piece to fixedly connecting the two first corner connecting elements is disposed correspondingly penetrate into the connecting holes, and the connecting piece having locking effect may be selected; the second corner connecting element of the bottom lateral connecting part comprises a first overlapping piece, the second corner connecting element of the lateral bottom connecting part comprises a second overlapping piece, the connecting piece to fixedly connecting the two second corner connecting elements is disposed correspondingly penetrate into the connecting holes, and if the two overlapping pieces are horizontally overlapped, the connecting piece is a fastener, if the two overlapping pieces are vertically overlapped,

then the connecting piece having locking effect may be selected.

18. The sliced assembly type container according to claim 17, characterized in that the connecting piece having locking effect is a rivet.

19. The sliced assembly type container according to claim 3, characterized in that the lateral connecting element of the bottom lateral connecting part comprises a first abutting wall extending horizontally, and a connecting hole is disposed in the abutting wall;

the lateral connecting element of the lateral bottom connecting part comprises a second abutting wall extending horizontally, and a connecting hole is disposed in the abutting wall;

the connecting piece to fixedly connect the corresponding two lateral connecting elements is a fastener disposed correspondingly to penetrate into the two connecting holes.

20. The sliced assembly type container according to claim 19, characterized in that the second abutting wall has an outer side edge protruding downwardly from an outer side thereof, and the outer side edge is positioned corresponding to an outer side of the first abutting wall;

or, the second abutting wall has an outer side edge protruding downwardly from an outer side thereof, and the outer side edge is positioned corresponding to an outer side of the first abutting wall, further, the second abutting wall has an inner side edge protruding downwardly from an inner side thereof, and the inner side edge is positioned corresponding to an inner side of the first abutting wall.

21. The sliced assembly type container according to claim 3, characterized in that the lateral connecting element of the bottom lateral connecting part comprises a first abutting wall extending vertically, and a connecting hole is disposed in the abutting wall;

the lateral connecting element of the lateral bottom connecting part comprises a second abutting wall extending vertically, and a connecting hole is disposed in the abutting wall;

the second abutting wall is correspondingly positioned on an outer side of the first abutting wall, or, the first abutting wall is correspondingly positioned on an outer side of the second abutting wall;

the connecting piece to fixedly connect the corresponding two lateral connecting elements is a fastener disposed correspondingly to penetrate into the two connecting holes.

22. The sliced assembly type container according to claim 1, characterized in that the bottom body further comprises a front end bottom beam connected between the two front end bottom corner fittings, a doorsill connected between the two door end bottom corner fittings, a crossbeam connected between the two bottom longitudinal beams, and a floor; the bottom front connecting part is disposed on the front end bottom beam of the bottom body; the front bottom connecting part and the bottom front connecting part are fixedly connected together via a connecting piece.

23. The sliced assembly type container according to claim 22, characterized in that the front bottom connecting part comprises a first abutting wall extending horizontally,

and a connecting hole is disposed in the abutting wall; the bottom front connecting part comprises a second abutting wall extending horizontally, and a connecting hole is disposed in the abutting wall; the connecting piece for fixing the corresponding two side connections is a fastener correspondingly disposed to penetrate into the two connecting holes.

24. The sliced assembly type container according to claim 23, characterized in that the first abutting wall has an outer side edge protruding downwardly from an outer side thereof, and the outer side edge is correspondingly positioned on an outer side of the second abutting wall; and/or, the first abutting wall has an inner side edge protruding downwardly from an inner side thereof, and the inner side edge is correspondingly positioned on an inner side of the second abutting wall.

25. The sliced assembly type container according to claim 1, characterized in that the top body further comprises a front end top beam connected between two of the front end top corner fittings, a lintel connected between the two door end top corner fittings, and a top plate; the top front connecting part is disposed on the front end top beam of the top body; and the front top connecting part and the top front connecting part are fixedly connected together via a connecting piece.

26. The sliced assembly type container according to claim 25, characterized in that the front top connecting part comprises a first abutting wall extending vertically, and a connecting hole is disposed in the abutting wall; the top front connecting part comprises a second abutting wall extending vertically, and a connecting hole is disposed in the abutting wall; wherein the second abutting wall is positioned on an outer side of the

first abutting wall, or, the first abutting wall is positioned on an outer side of the second abutting wall; the connecting piece for fixing the corresponding two side connections is a fastener correspondingly disposed to penetrate into the two connecting holes.

27. The sliced assembly type container according to claim 1, characterized in that the lateral front connecting part of the lateral finished module is disposed on the front end corner pillar of the lateral body; the front lateral connecting part and the lateral front connecting part are fixedly connected together via a connecting piece.

28. The sliced assembly type container according to claim 27, characterized in that the front lateral connecting part comprises a first abutting wall extending vertically, and a connecting hole is disposed in the abutting wall; the lateral front connecting part comprises a second abutting wall extending vertically, and a connecting hole is disposed in the abutting wall; wherein the second abutting wall is positioned on an outer side of the first abutting wall, or, the first abutting wall is positioned on an outer side of the second abutting wall; the connecting piece for fixing the corresponding two side connections is a fastener correspondingly disposed to penetrate into the two connecting holes.

29. The sliced assembly type container according to claim 27, characterized in that the front lateral connecting part comprises a first abutting wall extending vertically; the lateral front connecting part of the lateral finished module comprises a second abutting wall extending vertically; the connecting piece for fixing the two corresponding side connections has a shape of H, and comprises a first clasp slot for clamping the first abutting wall and a second clasp slot for clamping the second abutting wall.

30. The sliced assembly type container according to claim 1, characterized in that between the bottom finished module and the front finished module, between the top finished module and the front finished module, as well as between the two lateral finished modules and the front finished module, there are totally four pairs of side connections each being able to be fixedly connected together via a connecting piece and/or a structural adhesive, and the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place;

between the bottom finished module and the lateral finished modules as well as between the lateral finished modules and the top finished module, there are totally eight pairs of the corner connection elements being able to be fixedly connected together via a connecting piece, and the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place;

or, between the bottom finished module and the lateral finished modules as well as between the lateral finished modules and the top finished module, at least one of total eight pairs of the corner connection elements is able to be fixedly connected together via welding and the rest of them are able to be fixedly connected together via a connecting piece and/or welding.

31. The sliced assembly type container according to claim 1, characterized in that the front finished module is hinged to one module of the two lateral finished modules, the bottom finished module, and the top finished module, and the front finished module is being able to be fixedly connected to each of the remaining modules of the two lateral

finished modules, the bottom finished module, and the top finished module via a connecting piece and/or a structural adhesive, and the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place;

between the bottom finished module and the lateral finished modules as well as between the lateral finished modules and the top finished module, there are totally eight pairs of the corner connection elements each being able to be fixedly connected together via a connecting piece, and the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place.

32. The sliced assembly type container according to claim 31, characterized in that one of the front finished module, the two lateral finished modules, the bottom finished module, and the top finished module is able to be a coupled finished module; or, the front finished module and the other finished modules are finished modules separated from each other.

33. The sliced assembly type container according to claim 1, characterized in that sealing is able to be performed on coupled portions between the modules of the sliced assembly type container by applying a glue, an adhesive tape or adhesive sheet.

34. A method for manufacturing the sliced assembly type container, characterized in that the method comprises:

a manufacturing process of finished modules for separately manufacturing the bottom finished module, the two lateral finished modules, the two door finished

modules, the top finished module, and the front finished module; and

an assembling process of the container for assembling the finished modules together, comprising:

locating the bottom finished module at first;

mounting the two lateral finished modules on both sides of the bottom finished module via the connecting pieces;

mounting the front finished module to the bottom finished module via the connecting pieces;

mounting the top finished module to two lateral finished modules via the connecting pieces; and

sealing coupled portions between the modules by applying a glue, an adhesive tape or adhesive sheet;

wherein the connecting piece has locking effect to be able to resist forces in a vertical direction and in a horizontal direction without collapsing once locked in place; the two door finished modules are able to be coupled to the two lateral finished modules during the manufacturing process of finished modules in advance, or assembled with the two lateral finished modules during the assembling process of the container.