WHAT IS CLAIMED IS:

1. A pot assembly, comprising:

an inner pot, defining a cooking chamber; and

a food steamer, configured to be adapted to be placed in the cooking chamber, the food steamer being provided with communication holes communicating with the cooking chamber, the food steamer comprising a bottom wall,

the inner pot and/or the food steamer being provided with a draining-steaming-cooked rice waterline, the food steamer being placed in the cooking chamber, and the draining-steaming-cooked rice waterline being higher than the bottom wall of the food steamer,

the draining-steaming-cooked rice waterline is used for indicating information of material to be cooked and information of solution at the time of making draining-steaming-cooked rice;

according to the information of solution and the information of material to be cooked indicated by the draining-steaming-cooked rice waterline, the amount of a solution and the amount of a material to be cooked is determined;

the pot assembly comprises a first measuring tool and/or a second measuring tool;

the first measuring tool configured to quantify the volume of a material to be cooked, wherein the first measuring tool has a quantitative volume V11,

an inner side wall of the inner pot, a horizontal plane where the bottom wall of the food steamer lies and a horizontal plane where the draining-steaming-cooked rice waterline lies define a first receiving area, in the first receiving area, the volume of the food steamer is B1, $B1 \leqslant (V11 \times n+100)$ ml, wherein n is a coefficient of the first measuring tool corresponding to the draining-steaming-cooked rice waterline,

the second measuring tool configured to quantify the volume of the material to be cooked, wherein the second measuring tool has a quantitative volume V12,

an inner side wall of the inner pot, a horizontal plane where the bottom wall of the food steamer lies and a horizontal plane where the draining-steaming-cooked rice waterline lies define a first receiving area, the volume of the first receiving area is B2, then B2≤(V12× n+100) ml, wherein n is a coefficient of the second measuring tool corresponding to the draining-steaming-cooked rice waterline.

2. The pot assembly according to claim 1, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, an inner side wall of the inner pot, a horizontal plane where the bottom wall of the food steamer lies and a horizontal plane where the draining-steaming-cooked rice waterline lies define a first receiving area, the volume of the first receiving area is V1, and in the first receiving area, the volume of the food steamer is B, then 0＜(V1-B)/B≤1.

3. The pot assembly according to claim 1, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer.

4. The pot assembly according to any of claims 1-3, wherein

the inner pot and/or the food steamer are/is provided with a plurality of top-down draining-steaming-cooked rice waterlines, and the draining-steaming-cooked rice waterlines are all higher than the bottom wall of the food steamer; and/or

the inner pot and/or the food steamer are/is provided with a plurality of sets of draining-steaming-cooked rice waterlines, wherein each set of draining-steaming-cooked rice waterlines include a plurality of top-down draining-steaming-cooked rice waterlines, the plurality of sets of draining-steaming-cooked rice waterlines correspond to different materials

to be cooked, and the plurality of sets of draining-steaming-cooked rice waterlines are provided in a circumferential direction of the inner pot and/or the food steamer.

5. The pot assembly according to claim 2 or 3, wherein

the draining-steaming-cooked rice waterline satisfies:

$0 < C/D \leq 1.4$, wherein C is the weight of the solution in the first receiving area corresponding to the information of solution indicated by the draining-steaming-cooked rice waterline, D is the weight of the material to be cooked corresponding to the information of material to be cooked indicated by the draining-steaming-cooked rice waterline, and the bottom wall of the food steamer is adapted to receive the material to be cooked.

6. The pot assembly according to any of claims 1-3, wherein

the draining-steaming-cooked rice waterline is higher than an upper surface of the material to be cooked corresponding to the information of material to be cooked indicated by the draining-steaming-cooked rice waterline, wherein the bottom wall of the food steamer is adapted to receive the material to be cooked; and/or

the volume of the food steamer between the draining-steaming-cooked rice waterline and the bottom wall of the food steamer is greater than the volume of the material to be cooked corresponding to the information of material to be cooked indicated by the draining-steaming-cooked rice waterline, wherein the bottom wall of the food steamer is adapted to receive the material to be cooked.

7. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, a gap between the side wall of the food steamer and the inner side wall of the inner pot is smaller than or equal to 20 mm.

8. The pot assembly according to any of claims 1-3, wherein

the volume of the inner pot between the bottom wall of the food steamer and the bottom wall of the inner pot is V2, then V2≤1000 ml.

9. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, a rounded corner is provided between the side wall of the food steamer and the bottom wall of the food steamer, and the orthographic projection of the rounded corner on the plane where the bottom wall of the food steamer lies has a length of less than or equal to 50 mm, or the food steamer comprises a side wall connected to the bottom wall of the food steamer, and the side wall of the food steamer is connected to the bottom wall of the food steamer by a connecting slope or by a non-arc curve.

10. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the communication holes include first communication holes provided on the side wall of the food steamer, and the area of the first communication hole is smaller than or equal to 20 mm^2; and/or

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the communication holes include first communication holes provided on the side wall of the food steamer, and the total area of the first communication holes is greater than the minimum flow area of a steam passage of a cooking appliance; and/or

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the communication holes include first communication holes provided on the side wall of the food steamer, and the total area of the first communication holes is greater than 10 mm^2; and/or

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the communication holes include first communication holes provided on the side wall

of the food steamer, and the first communication holes are at least partially higher than the highest draining-steaming-cooked rice waterline.

11. The pot assembly according to any of claims 1-3, wherein

the communication holes include second communication holes provided on the bottom wall of the food steamer, and the diameter of the largest circle capable of flatly passing through the second communication hole is in the range of 0.5 mm-2.5 mm, or the area of the second communication hole is in the range of 0.5 mm^2-4 mm^2; and/or

the communication holes include second communication holes provided on the bottom wall of the food steamer, and the total area of the second communication holes is S1, then S1≥150 mm^2; and/or

the communication holes include second communication holes provided on the bottom wall of the food steamer, the total area of the second communication holes is S1, and the area of the orthographic projection of the food steamer on a horizontal plane is S2, then S1/S2≥1/100.

12. The pot assembly according to any of claims 1-3, wherein

the upper surface of the bottom wall of the food steamer is provided with a flow guide groove.

13. The pot assembly according to claim 12, wherein

the flow guide groove is provided with flow guide holes penetrating the bottom wall of the food steamer, and the flow guide groove is located at the lowest position of the bottom wall of the food steamer; and/or

the communication holes include second communication holes provided on the bottom wall of the food steamer, the bottom wall of the food steamer is provided with a plurality of flow guide grooves, the plurality of flow guide grooves are arranged in a radial shape on the bottom wall of the food steamer, the second communication holes are provided between two

adjacent flow guide grooves, or the bottom wall of the food steamer is provided with a plurality of flow guide grooves, the flow guide groove having a ring shape, the plurality of flow guide grooves are arranged in a nested manner in sequence, and the second communication holes are provided between two adjacent flow guide grooves.

14. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall, the side wall of the food steamer is sleeved on the outer side of the bottom wall of the food steamer and partially below the bottom wall of the food steamer, a portion of the side wall of the food steamer above the bottom wall of the food steamer and the bottom wall of the food steamer define a receiving space, or the food steamer comprises a side wall, the side wall of the food steamer is connected to an edge of the bottom wall of the food steamer and located above the bottom wall of the food steamer; and/or

the upper surface or the lower surface of the bottom wall of the food steamer protrudes upwardly or downwardly to form a reinforcing rib.

15. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the side wall of the food steamer is provided with a first step,

the height of the first step from an upper end surface of the food steamer is H1, then 5mm≤H1≤50 mm; and/or the height of the first step from an upper end surface of the food steamer is H1, the height of the food steamer is H, then 1/9≤H1/H≤3/4.

16. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, and the height of the food steamer is H, then 40 mm≤H≤100 mm.

17. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, the side wall of the food steamer is provided with a first flange, the side wall of the

inner pot extends outwardly to form a pot rim, the first flange is supported on the pot rim or at a junction between the pot rim and the side wall of the inner pot, and the first flange is lower than the pot rim,

wherein the side wall of the inner pot is connected to the pot rim by a first arc, and the first flange is supported at the first arc, or the pot rim is provided with a second step, and the first flange is supported on the second step, or the side wall of the inner pot is connected to the pot rim by a first slope, and the first flange is supported on the first slope.

18. The pot assembly according to any of claims 1-3, wherein

the inner pot is provided with a first positioning structure, and the food steamer is positioned with respect to the inner pot by the first positioning structure,

wherein the first positioning structure comprises a third step provided on the side wall of the inner pot, and the bottom wall of the food steamer is supported on the third step, or the first positioning structure comprises a first positioning protrusion provided on the inner side wall of the inner pot, and the bottom wall of the food steamer is supported on the first positioning protrusion, or the first positioning structure comprises a first transition section connected between the side wall of the inner pot and the bottom wall of the inner pot, the cross-sectional area of the first transition section is smaller than the cross-sectional area of the side wall of the inner pot connected to the first transition section, and the food steamer is supported on the first transition section or at a junction between the first transition section and the side wall of the inner pot.

19. The pot assembly according to any of claims 1-3, wherein

the food steamer is provided with a bracket, and the bracket abuts against the inner pot.

20. The pot assembly according to any of claims 1-3, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, and the draining-steaming-cooked rice waterlines are provided on the side wall of the inner pot and/or on the side wall of the food steamer.

21. The pot assembly according to any of claims 1-3, wherein

the food steamer is provided with a handle, wherein the handle is fixedly connected with the food steamer, or the handle is rotatably connected with the food steamer; and/or

the pot assembly comprises a steamer pot configured to be adapted to be placed in the inner pot and located above the bottom wall of the food steamer; and/or

the pot assembly comprises a steaming grid, the steaming grid comprises a bottom wall and a side enclosing wall connected to the bottom wall of the steaming grid, the bottom wall and the side enclosing wall of the steaming grid define a mounting space, the food steamer is located in the mounting space, and the bottom wall and/or the side enclosing wall of the steaming grid are/is provided with third communication holes.

22. The pot assembly according to any of claims 1-3, comprising:

a partition configured to be adapted to be placed in the cooking chamber, the partition and the food steamer jointly partitioning the cooking chamber into a plurality of receiving areas, the plurality of receiving areas including the first receiving area and a second receiving area.

23. The pot assembly according to claim 22, wherein

the partition, the food steamer, and the inner wall surface of the inner pot jointly define the second receiving area.

24. The pot assembly according to claim 23, wherein

the food steamer comprises a side wall connected to the bottom wall of the food steamer, and the partition is located outside the food steamer; and/or

the partition is located below the bottom wall of the food steamer.

25. The pot assembly according to claim 22, wherein

the partition comprises a bottom wall and a side wall connected to the bottom wall of the partition and located above the bottom wall of the partition, and the food steamer and the partition jointly define the second receiving area.

26. The pot assembly according to claim 25, wherein

the side wall of the partition is provided with a second flange, the side wall of the inner pot extends outwardly to form a pot rim, the second flange is supported on the pot rim or at a junction between the pot rim and the side wall of the inner pot, and the second flange is lower than the pot rim,

wherein the side wall of the inner pot is connected to the pot rim by a second arc, and the second flange is supported at the second arc, or the pot rim is provided with a fourth step, and the second flange is supported on the fourth step, or the side wall of the inner pot is connected to the pot rim by a second slope, and the second flange is supported on the second slope.

27. The pot assembly according to claim 22, wherein

the inner pot is provided with a second positioning structure, and the partition is positioned with respect to the inner pot by the second positioning structure,

wherein the second positioning structure comprises a fifth step provided on the side wall of the inner pot, and the partition is supported on the fifth step, or the second positioning structure comprises a second positioning protrusion provided on the inner side wall of the inner pot, and the partition is supported on the second positioning protrusion, or the second positioning structure comprises a second transition section connected between the side wall of the inner pot and the bottom wall of the inner pot, the cross-sectional area of the second transition section is smaller than the cross-sectional area of the side wall of the inner pot

connected to the second transition section, and the partition is supported on the second transition section or at a junction between the second transition section and the side wall of the inner pot.

28. The pot assembly according to claim 22, wherein

the partition is provided with through holes or is not provided with through holes.

29. A cooking appliance, comprising:

a pot body; and

the pot assembly according to any of claims 1-28, the pot assembly being placed in the pot body.