CLAIMS

What is claimed is:

1. A stirring rib, comprising a first rotating shaft, a second rotating shaft, a first connecting rod, a second connecting rod, a first extending rod, a second extending rod, and a stirring blade, wherein the first rotating shaft and the second rotating shaft are disposed oppositely, coaxially and horizontally; the first connecting rod is connected to one shaft end of the first rotating shaft and is arranged in a downward extending manner; the second connecting rod is connected to one shaft end of the second rotating shaft and is arranged in a downward extending manner; the first extending rod is connected to a bottom of the first connecting rod, is arranged in a forward extending manner, and is perpendicular to the first rotating shaft and the first connecting rod; the second extending rod is connected to a bottom of the second connecting rod, is arranged in a backward extending manner, and is perpendicular to the second rotating shaft and the second connecting rod; one end of the stirring blade is connected to a free end of the first extending rod, and the other end of the stirring blade is connected to a free end of the second extending rod; and a blade surface of the stirring blade is perpendicular to a horizontal plane.

2. The stirring rib according to claim 1, wherein the first extending rod is disposed in a platy manner and is perpendicular to the horizontal

plane; the first extending rod is connected with the stirring blade through a first connecting blade; the first connecting blade is disposed in an arc-shaped manner, and a blade surface of the first connecting blade is perpendicular to the horizontal plane; and the first connecting blade is fitted to a curved surface of the stirring blade, and is further fitted to a curved surface of the first extending rod.

3. The stirring rib according to claim 2, wherein the second extending rod is disposed in a platy manner and is perpendicular to the horizontal plane; the second extending rod is connected with the stirring blade through a second connecting blade; the second connecting blade is disposed in an arc-shaped manner, and a blade surface of the second connecting blade is perpendicular to the horizontal plane; and the second connecting blade is fitted to a curved surface of the stirring blade, and is further fitted to a curved surface of the second extending rod.

4. The stirring rib according to claim 1, wherein the blade surface of the stirring blade is disposed at an included angle of 5-35° with an axial line of the first rotating shaft or the second rotating shaft.

5. The stirring rib according to claim 1, wherein the first connecting rod and the second connecting rod are equal in length.

6. The stirring rib according to claim 1, wherein the first connecting rod is connected to a shaft end of the first rotating shaft that is close to the

second rotating shaft, and/or the second connecting rod is connected to a shaft end of the second rotating shaft that is close to the first rotating shaft.

7. A stirring mechanism, comprising the stirring rib according to any one of claims 1 to 6, and a pot, wherein an open chamber is formed on the pot; the first extending rod, the second extending rod and the stirring blade are placed in the open chamber; and both the first connecting rod and the second connecting rod extend from an inside of the open chamber to an outside of the open chamber.

8. The stirring mechanism according to claim 7, wherein a mating surface is formed when the first connecting rod, the second connecting rod, the first extending rod, the second extending rod and an outer edge of the stirring blade swing back and forth with the first rotating shaft or the second rotating shaft; and a chamber surface of the open chamber is matched with the mating surface.

9. The stirring mechanism according to claim 8, wherein a gap between the chamber surface of the open chamber and the mating surface is 0.5-3 mm.

10. A cooking robot, comprising the stirring mechanism according to any one of claims 7 to 9.