What is claimed is:

1. A juice squeezing module for a juicer, comprising:

a juice squeezing drum open on the top surface thereof and having a juice discharging hole and a remnant discharging hole formed on the lower end periphery thereof;

a juice squeezing screw rotatably mounted at the inside of the juice squeezing drum and having screw spiral lines formed on the outer peripheral surface thereof;

a screen drum mounted at the inside of the juice squeezing drum in such a manner as to surround the juice squeezing screw; and

a cap adapted to cover the top surface of the juice squeezing drum and having an injection tube protrudingly extended upward from a portion of the top thereof, the injection tube having an injection hole formed on the side surface thereof to inject extraction materials thereinto,

wherein the cap further comprises a hopper disposed on the side surface of the injection tube in such a manner as to support the outer periphery of the injection hole, and the hopper comprises an upper external wall protruding laterally by a given length from the upper periphery of the injection hole, a bottom surface extended horizontally from the lower periphery of the injection hole in such a manner as to be longer than the upper external wall, and an external wall protruding upwardly from an edge of the bottom surface to connect the bottom surface to the upper external wall, and

wherein the bottom surface is flat and plate-shaped.

2. The juice squeezing module for a juicer according to claim 1, wherein the bottom surface of the hopper is inclined downward toward the injection hole.

3. The juice squeezing module for a juicer according to claim 1, wherein the height of the injection hole is 45 mm or under, the width of the injection hole is in the range of 60 to 100 mm, and the inside diameter of the short axis of the injection tube is 40 mm or under.

4. The juice squeezing module for a juicer according to claim 1, wherein the cap comprises a base adapted to cover the top surface of the juice squeezing drum and the injection

tube protrudingly extended upward from one side of the base, and the distance from the underside of the base to the bottom periphery of the injection hole is 100 mm or more, while the protruding length of the upper external wall is being in the range of 20 to 40 mm.

5. The juice squeezing module for a juicer according to claim 1, further comprising a pressing rod adapted to be inserted into an insertion hole formed on the top portion of the injection tube to press the extraction materials thereagainst through up and down movement.

6. The juice squeezing module for a juicer according to claim 5, wherein the injection tube comprises guide protrusions formed on the inner peripheral surface thereof.

7. The juice squeezing module for a juicer according to claim 5, further comprising a mounting member open on the top and underside thereof and having a side opening formed on one side thereof in such a manner as to cut vertically on at least a portion thereof and a fitting portion formed on one side of the side opening in such a manner as to be detachably coupled to the outer peripheral surface of the injection tube, whereby the escape of the pressing rod is avoided by means of the mounting member, and the pressing rod moves up and down in the injection tube to press the injected extraction materials thereagainst.

8. The juice squeezing module for a juicer according to claim 7, further comprising escape prevention means for preventing the pressing rod from being escaped from the mounting member.

9. The juice squeezing module for a juicer according to claim 8, wherein the escape prevention means comprises:

a coupling portion formed on the upper portion of the mounting member in such a manner as to be detachably coupled to the outer peripheral surface of the injection tube and having a round projection formed on the inner peripheral surface of the top end thereof; and

a stepped projection formed on the outer peripheral surface of the pressing rod in such a manner as to be locked onto the round projection.

10. The juice squeezing module for a juicer according to claim 7, wherein the juice squeezing drum comprises coupling sensing means for sensing whether the juice squeezing drum to which the mounting member is coupled is mounted on a driving body having driving force generating means providing a driving force to the juice squeezing screw and a driving shaft connected to the driving force generating means to allow the driving force generating means to become in a state of being driven.

11. The juice squeezing module for a juicer according to claim 10, wherein the coupling sensing means comprises:

signal generating means disposed on one side of the mounting member to generate a signal; and

a sensor disposed on the driving body to sense the signal.

12. The juice squeezing module for a juicer according to claim 10, wherein the coupling sensing means comprises:

a protrusion formed on one side of the mounting member; and

a micro switch disposed on the driving body in such a manner as to be operated by the protrusion.

13. The juice squeezing module for a juicer according to claim 5, wherein the pressing rod has a cutter formed on one side thereof to cut the injected extraction materials.

14. A juice squeezing module for a juicer, comprising:

a juice squeezing drum having an internal space formed therein, a juice discharging hole formed on one side of the lower portion thereof, an injection tube formed on one side of the upper portion thereof in such a manner as to communicate with the internal space thereof, and a remnant discharging hole formed on one side thereof;

a juice squeezing screw rotatably mounted at the inside of the juice squeezing drum and having screw spiral lines formed on the outer peripheral surface thereof; and

a screen drum mounted at the inside of the juice squeezing drum in such a manner as to surround the juice squeezing screw,

wherein the injection tube comprises an injection hole formed on the side surface thereof to inject extraction materials thereinto and a hopper adapted to surround the injection hole, the hopper having an upper external wall protruding laterally by a given length from the upper periphery of the injection hole, a bottom surface extended horizontally from the lower periphery of the injection hole in such a manner as to be longer than the upper external wall, and an external wall protruding upwardly from an edge of the bottom surface to connect the bottom surface to the upper external wall, and

wherein the bottom surface is flat and plate-shaped.