cock unit coupled with the drain port of the water tub. Further, the drain cock unit is connected with a heater unit communicating with an inner bottom of the water tub. The heater unit incorporates a heater for heating washing water and includes a water passage communicating with the inner bottom of the water tub. The water passage and the drain cock unit are opened to the heater unit at positions where water temperatures of the washing water are different.

With this configuration, state confirmation of an inside of the heater unit and maintenance of the heater unit can be easily performed.

Further, in a washing machine according to a second disclosure, the water passage and the drain cock unit of the washing machine according to the first disclosure are near one end of the heater incorporated in the heater unit.

With this configuration, the washing water flowed into a heater container can be efficiently heated while effectively utilizing radiant heat of the heater.

Further, a washing machine according to a third disclosure includes a washing machine body, a water tub supported in an inside of the washing machine body and having a bottom with a drain port, and a heater unit communicating with an inner bottom of the water tub and incorporating a heater for heating washing water inside. Further, the heater unit communicates with the inner bottom of the water tub through a plurality of water passages, and the plurality of water passages is opened to the heater unit at positions where water temperatures of the washing water are different.

With this configuration, state confirmation of an inside of the heater unit and maintenance of the heater unit can be easily performed.

Further, in a washing machine according to a fourth disclosure, the

plurality of water passages of the washing machine according to the third

disclosure is near at least one end of the heater incorporated in the heater unit.

With this configuration, the washing water flowed into a heater container can be efficiently heated while effectively utilizing radiant heat of the heater.

(Notes regarding solution to problem, part 1)

[Note 1] A washing machine includes: a washing machine body; a water tub supported in an inside of the washing machine body and having a bottom with a drain port; a drain cock unit coupled with the drain port of the water tub; and a heater unit coupled with the drain cock unit and communicating with an inner bottom of the water tub, wherein the heater unit has a heater container that houses a heater for heating washing water inside, and an inner wall bottom surface of the heater container is gradually inclined downward toward the drain cock unit.

[Note 2] The washing machine according to Note 1, wherein an inner wall upper surface of the heater container is gradually inclined upward toward the drain cock unit.

[Note 3] The washing machine according to Note 2, wherein the inner wall upper surface and the inner wall bottom surface of the heater container are formed so that an inclination angle of the inner wall upper surface and an inclination angle of the inner wall bottom surface of the heater container are substantially identical.

According to the configuration in [Note 1], since washing water within the heater container flows to the drain cock unit during drainage, accumulation of the washing water within the heater container or foreign matter during the drainage can be suppressed.

According to the configuration in [Note 2], when the washing water is

CLAIMS

1. A washing machine comprising:

a washing machine body;

a water tub supported in an inside of the washing machine body and having a bottom with a drain port; and

a drain cock unit coupled with the drain port of the water tub,

wherein

the drain cock unit is connected with a heater unit communicating with an inner bottom of the water tub,

the heater unit incorporates a heater for heating washing water and includes a water passage communicating with the inner bottom of the water tub, and

the water passage and the drain cock unit are opened to the heater unit at positions where water temperatures of the washing water are different.

2. The washing machine according to claim 1, wherein the water passage and the drain cock unit are near one end of the heater incorporated in the heater unit.

3. A washing machine comprising:

a washing machine body;

a water tub supported in an inside of the washing machine body and having a bottom with a drain port; and

a heater unit communicating with an inner bottom of the water tub and incorporating a heater for heating washing water inside,

wherein the heater unit communicates with the inner bottom of the

water tub through a plurality of water passages, and the plurality of water passages is opened to the heater unit at positions where water temperatures of the washing water are different.

4. The washing machine according to claim 3, wherein the plurality of water passages is near at least one end of the heater incorporated in the heater unit.