

CLAIMS

1. A drink dispenser comprising:
 - an undiluted-solution storage unit that stores
 - 5 undiluted milk solution at cool temperature;
 - a steam supplying unit that supplies heated steam;
 - an air supplying unit that supplies compressed air;
 - a mixing unit that is structured to be supplied with
 - steam from the steam supplying unit, undiluted milk
 - 10 solution from the undiluted-solution storage unit, and
 - compressed air from the air supplying unit, and that makes,
 - when steam and undiluted milk solution are supplied, warmed
 - liquid steamed milk by mixing the steam and the undiluted
 - milk solution, and makes, when steam, undiluted milk
 - 15 solution, and compressed air are supplied, milk with foam
 - warmed by the steam and foamed with the compressed air by
 - mixing the steam, the undiluted milk solution, and the
 - compressed air;
 - a foaming unit that increases foam in the milk with
 - 20 foam supplied from the mixing unit to make milk foam;
 - a nozzle unit that pours the warmed liquid steamed
 - milk that is made by the mixing unit and the milk foam made
 - by the foaming unit; and
 - a control unit that has a liquid steamed milk pouring
 - 25 process of pouring liquid steamed milk in which steam and
 - undiluted milk solution are supplied to the mixing unit,
 - and liquid steamed milk made by the mixing unit is poured
 - through the nozzle unit, and a milk foam pouring process of
 - pouring milk foam in which steam, undiluted milk solution,
 - 30 and compressed air are supplied to the mixing unit, milk
 - with foam that is made and foamed by the mixing unit is
 - supplied to the foaming unit, and milk foam that is made by
 - the foaming unit is poured through the nozzle unit, and

that performs the liquid steamed milk pouring process and the milk foam pouring process to pour drink with milk into a drink container when a drink with milk is selected,

wherein the control unit performs the milk foam
5 pouring process and then the liquid steamed milk pouring process when a drink with milk is selected,

wherein the nozzle unit is structured as a container to temporarily store any one of the warmed liquid steamed milk and the milk foam supplied from any one of the mixing
10 unit and the foaming unit, and to remove steam,

a bottom portion of the container is formed so as to be gradually inclined downward as approaching to an end apart from a base that is a portion at which any one of the steamed milk and the milk foam is supplied, and a nozzle
15 part is formed at the end from which any one of the liquid steamed milk and the milk foam is poured, and

an angle of a wall with which any one of the liquid steamed milk and the milk foam collides in the container is formed as an acute angle.

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2. The drink dispenser according to claim 1, wherein

a diameter of a tube of a discharge outlet to discharge to a container is smaller than a diameter of a tube linking the foaming unit and a container of the nozzle
25 unit.