CLAIMS

1. A cleaning device for cleaning a mixing head of a foaming machine, the mixing head having a foam exit, said cleaning device comprising:

a gas pipeline having an inlet portion, an outlet portion, and a nozzle portion that is adapted to be aligned with the foam exit of the mixing head;

a gas pump connected to said inlet portion of said gas pipeline for providing gas into said gas pipeline via said inlet portion;

a pressure controller disposed on said gas pipeline for controlling a flow velocity of the gas passing through said nozzle portion;

a closed container for storing cleaning solution and communicating with said outlet portion of said gas pipeline; and

a cleaning duct communicating with said closed container, and having a duct end that is adjacent to said nozzle portion of said gas pipeline;

wherein the cleaning solution in said closed container is expelled by the gas which comes out from said outlet portion of said gas pipeline to flow along said cleaning duct to said duct end, and is atomized and sprayed out by the gas at said nozzle portion of said gas pipeline for cleaning the foam exit of the mixing head;

wherein said gas pipeline includes

a first pipe having a first open end portion that serves as said inlet portion of said gas pipeline, a second open end portion, and a third open end portion that serves as said outlet portion of said gas pipeline, and

a second pipe having a distal open end portion that serves as said nozzle portion of said gas pipeline, and a connecting open end portion that is opposite to said distal open end portion;

said pressure controller interconnects said second open end portion of said first pipe and said connecting open end portion of said second pipe for controlling the flow velocity of the gas which flows therethrough from said first pipe to said second pipe; and

wherein level of atomization of the cleaning solution is controlled by said pressure controller.

2. The cleaning device as claimed in claim 1, wherein said duct end of said cleaning duct communicates with said nozzle portion of said gas pipeline.

3. The cleaning device as claimed in claim 2, wherein said cleaning duct is partly disposed in said gas pipeline.

4. The cleaning device as claimed in claim 1, wherein said first pipe is a three-pronged pipe.

5. The cleaning device as claimed in claim 1, wherein said first pipe of said gas pipeline includes a first segment, a second segment, and a third segment that communicate with one another, said first, second and third segments having respectively said first, second and third open end portions of said first pipe.

6. The cleaning device as claimed in claim 1, wherein:

said first pipe of said gas pipeline includes a first segment, a second segment, and a third segment having respectively said first, second and third open end portions of said first pipe; and

said first segment of said first pipe has

a first subsegment connected to said third segment of said first pipe, and having an opening portion that is connected to said gas pump, and

a second subsegment connected to said second segment of said first pipe, spaced apart from said first subsegment, and having an opening portion that is connected to said gas pump, said opening portions of said first and second subsegments cooperatively serving as said inlet portion of said gas pipeline.

7. The cleaning device as claimed in claim 1, further comprising a positioning mechanism for positioning at least a portion of said gas pipeline and said cleaning

duct.