

FOAMED-WATER GENERATING PLUG

Abstract

The present invention provides a water saving aerator that can
5 generate high quality babble foam water including the fine bubble entirely.
The water saving aerator is attached to the water facilities such as the
water tap for generating bubble foam water and flowing the bubble foam
water. The water saving aerator comprises a water flow forming portion
110 for forming the water flow through the water saving aerator; a
10 ventilation pass 120 for supplying the outer air to the water flow from the
side direction via an air intake hole 121 installed on the side surface of a
water flow cylinder; and a water flow accelerator 111 for accelerating the
water flow supplied from the water flow forming portion and jetting an
accelerated water flow jet. The accelerated water flow jet accelerated by
15 the water flow accelerator 111 is jetted to the air supplied from the air
intake hole 121, the bubble foam water flow is generated by mixing the
air supplied from the air intake hole 121 into the water flow by the force
generated by the accelerated water flow jet.

Figure 1