CLAIMS

1. A vacuum breaker comprising:

a tuboid valve box including an inflow port provided in an upper end surface, an outflow port provided in a lower end surface, and a plurality of intake holes provided on a circumference of a concentric circle of the outflow port at regular intervals and wherein the intake holes are diagonally formed toward the inflow port at an acute angle relative to an axis of the valve box; and in the valve box,

a check valve detachably arranged in an anti-back flow valve seat provided around an inflow port; and

an annular disc-like inlet valve detachably arranged in a concentric double circle-like intake valve seat surrounding inner ports of all of the intake holes, the inlet valve being biased in a seated direction in the intake valve seat, wherein

an outer port of each of the intake holes extends at a predetermined angle relative to the acute angle.

2. The vacuum breaker according to claim 1, wherein

the outer port of the intake hole is extended by chamfering with a predetermined depth and a predetermined chamfering angle.

3. The vacuum breaker according to claim 1 or 2, wherein

the intake holes each have a cross section shaped like

an arcuate or linear long hole capable of being surrounded by the concentric double circle-like intake valve seat.

~~4. The vacuum breaker according to claim 1, 2 or 3, wherein the intake holes are diagonally formed toward the inflow port at an acute angle relative to an axis of the valve box.~~