

BUBBLE GENERATION DEVICE AND LIQUID FILTRATION DEVICE

ABSTRACT

To provide a bubble generation device 30 capable of efficiently peeling off contaminants from a surface of a filtration membrane.

There is provided a bubble discharge chamber 35 disposed above a turnaround portion (36b, 37b) of a turnaround path (36, 37). The turnaround path (36, 37) includes a first communication port (36d, 37d) communicating with a gas storage chamber (33, 34) and a second communication port (36e, 37e) communicating with the bubble discharge chamber 35 on a downstream side of the turnaround portion (36b, 37b). Each of the gas storage chamber (33, 34) and the bubble discharge chamber 35 includes an opening facing downward at a lower end. A cross-sectional area of the bubble discharge chamber 35 in a horizontal direction is equal to or larger than an opening area (sum of the opening areas of the two second communication ports in an illustrated example) of the second communication port (36e, 37e).

[Fig. 5]