CLAIMS

1. A filtration system comprising a first holding unit that extends in a first direction and holds each of ends on one side in a longitudinal direction of a plurality of filtration membrane units, and a second holding unit that extends in the first direction and holds each of ends on another side in the longitudinal direction of the plurality of filtration membrane units, in which the plurality of filtration membrane units is held side by side by the first holding unit and the second holding unit at predetermined intervals in a thickness direction of each of filtration membranes, wherein

a plurality of the filtration systems is able to be stacked and arranged in the first direction and a second direction orthogonal to the longitudinal direction of the filtration membrane unit,

the first holding unit includes a water collection cassette that extends in the first direction, is arranged so as to cover an end on one side of each of the filtration membrane units, and collects a filtrate of the filtration membrane unit, and

a through opening penetrating the first holding unit along the longitudinal direction of the filtration membrane unit is formed at a position deviated from the water collection cassette on a plane formed by the first

direction and the second direction of the first holding unit.

2. The filtration system according to claim 1, wherein

in two of the filtration membrane units adjacent to each other, a gap between ends on one side in a longitudinal direction of each other is smaller than a gap between central portions in the longitudinal direction of each other.

3. The filtration system according to claim 1 or 2, wherein

the second holding unit includes a blind cassette extending in the first direction and disposed so as to cover an end on one side of each of the filtration membrane units, and

a through opening penetrating the second holding unit along a longitudinal direction of the filtration membrane unit is formed at a position deviated from the blind cassette on a plane formed by the first direction and the second direction of the second holding unit.

4. The filtration system according to claim 3, wherein

in the two filtration membrane units adjacent to each other, a gap between ends on another side in the longitudinal direction of each other is smaller than the gap between the central portions in the longitudinal direction of each other.

5. A filtration treatment apparatus comprising a plurality of filtration systems according to any one of claims 1 to 4, wherein

a plurality of the filtration systems is stacked and arranged in the second direction.