CLAIMS

1. A filtration system comprising a plurality of filtration membrane units and a holder holding the filtration membrane units in parallel, wherein

the filtration membrane unit includes:

a filtration membrane;

a suction side socket that is fixed to an end in a longitudinal direction of the filtration membrane and extends in a lateral direction of the filtration membrane to form a flow path through which a filtrate flows, and

in the suction side socket, a plurality of protrusions each having a discharge port for the filtrate is arranged at intervals on one side and another side in the lateral direction, and

the holder includes a plurality of first holes into which the protrusions on the one side are respectively inserted and a plurality of second holes into which the protrusions on the another side are respectively inserted, and

positions of the first holes into which the protrusions on the one side are inserted and positions of the second holes into which the protrusions on the another side are inserted are deviated in the lateral direction between a first filtration membrane unit and a second filtration membrane unit arranged adjacent to the first filtration membrane unit.

2. The filtration system according to claim 1, wherein the filtration membrane has a rectangular shape.

3. The filtration system according to claim 1 or 2, wherein the filtration membrane unit includes a first protrusion disposed at a first distance from a center of the suction side socket in the lateral direction and a second protrusion disposed at a second distance different from the first distance from the center of the suction side socket in the lateral direction, and

in the first filtration membrane unit, the protrusions on the one side to be inserted into the first holes are the first protrusion, and the protrusions on the another side to be inserted into the second holes are the second protrusion, and

in the second filtration membrane unit, the protrusions on the one side to be inserted into the first holes are the second protrusion, and the protrusions on the another side to be inserted into the second holes are the first protrusion.

4. The filtration system according to claim 3, wherein in each of the filtration membrane units, the suction side socket is attached to one side in the longitudinal direction, and the another side in the longitudinal direction

is supported via a shielding side socket attached to the another side in the longitudinal direction,

the first protrusion provided on the suction side socket is disposed at a position deviated to one side of the second protrusion in the lateral direction of the filtration membrane and is disposed at a position deviated to a side of the center of the suction side socket with respect to an end on one side of the suction side socket, and

a first deviation amount indicating magnitude of deviation of the first protrusion with respect to the second protrusion and a second deviation amount indicating magnitude of deviation of the first protrusion with respect to the end on one side of the suction side socket are each set in a range of 1/4 to 1/3 of a length in an extending direction of the suction side socket.

5. The filtration system according to any one of claims 1 to 4, wherein

the second filtration membrane unit is configured by vertically inverting the first filtration membrane unit, and

the holder alternately holds the first filtration membrane unit and the second filtration membrane unit in a direction intersecting the longitudinal direction and the lateral direction.

6. A filtration treatment apparatus formed by combining a plurality of filtration systems, wherein

each of the plurality of filtration systems is the filtration system according to any one of claims 1 to 5.