CLAIMS

1. A film separation device comprising:

a treatment tank receiving therein a liquid to be treated;

a plurality of film cassettes that are each equipped with filtration films for conducting filtration of the liquid to be treated, the plurality of film cassettes being stacked in a direction along height of the treatment tank; and

a guide section that is provided in the treatment tank and guides the film cassettes to a predetermined position,

characterized in that each of at least two film cassettes of the film cassettes has a pair of holding sections that is slidable relative to the guide section,

that the guide section has a held section that is fitted between the pair of holding sections, and

that the pair of holding sections has a pair of projection sections extending from one side section of the film cassette, and a pair of extension sections that holds the held section with the pair of projection sections.

2. The film separation device as claimed in claim 1, which is characterized in that the guide section is fixed to a wall surface or foothold of the treatment tank and a bottom surface of the treatment tank.

3. The film separation device as claimed in claim 1 or 2, which is characterized in that an upper end section of the held section is exposed out

of the liquid to be treated.

4. The film separation device as claimed in any one of claims 1 to 3, which is characterized in that the held section comprises a pair of pipes, a pair of rod-shape members, or a platy member.

5. The film separation device as claimed in any one of claims 1 to 4, which is characterized in that an air diffusion frame is provided beneath the stacked film cassettes.