C L A I M S

1. A water-borne floating facility comprising:

intake means for taking in a plant living in water;

crushing means for crushing the plant taken in by the intake means;

a plurality of fermentation tanks storing the plant for fermentation and having an attitude controlled by transferring contents between selected two fermentation tanks;

a plant pipe through which the plant crushed by the crushing means is sent to the fermentation tanks;

a fermented liquid pipe through which a fermented liquid produced by the fermentation of the plant is taken out from the fermentation tanks;

residue separation means for separating and removing a residue from the fermented liquid;

distillation means for distilling the fermented liquid from which the residue is removed by the residue separation means, to produce ethanol; and

an ethanol tank storing the ethanol produced by the distillation means.

2. The water-borne floating facility of claim 1, further comprising:

water removing means for removing water from the plant.

3. The water-borne floating facility of claim 1, wherein

the contents are transferred between the two fermentation tanks using pipes including the plant pipe and the fermented liquid pipe which are connected to each other to control the attitude.

4. The water-borne floating facility of claim 3, further comprising:

a plant pipe valve provided in the plant pipe to transfer the contents between the two fermentation tanks and simultaneously send the plant to the fermentation tanks.

5. The water-borne floating facility of claim 3, further

comprising:

a fermented liquid pipe valve provided in the fermented liquid pipe to transfer the contents between the two fermentation tanks and simultaneously take the fermented liquid from the fermentation tanks.

6. The water-borne floating facility of claim 1, wherein ethanol is used as a fuel.

7. The water-borne floating facility of claim 1, wherein the residue separated from the fermented liquid is used as a fuel.

8. The water-borne floating facility of claim 1, wherein the water-borne floating facility is configured in a ship shape.

9. The water-borne floating facility of claim 1, further comprising:

carbon dioxide fixation means for fixation carbon dioxide produced in the fermentation tanks in water.