

## WATER QUALITY-UPGRADING DEVICE

### ABSTRACT

A water quality-upgrading device includes a container having an inner peripheral wall defining a receiving chamber and two opposite ends respectively defining an inlet and an outlet; at least one water molecule refinement layer disposed in said receiving chamber; two filtering sheets disposed at said inlet and said outlet of said container respectively; and wherein, when water flows into said receiving chamber, said water molecule refinement layer is capable of reducing dimension of water molecules so as to spread said finer water molecules on an oil sludge stained on a substance such that said finer water molecules penetrate into gaps formed between the oil sludge and an external surface of the substance, thereby reducing contact area amount and simultaneously weakening a bonding property between the oil sludge and the external surface of the substance to facilitate removal of the oil sludge off the substance by of a wiping cloth.

FIG. 1