WHAT IS CLAIMED IS:

1. A water quality-upgrading device comprising:

a container having an inner peripheral wall defining a receiving chamber and two opposite ends respectively defining an inlet and an outlet both are in spatial communication with the receiving chamber;

at least two water molecule refinement layers disposed in said receiving chamber;

two filtering sheets disposed at said inlet and said outlet of said container respectively;

wherein, when water flows into said receiving chamber, said water molecule refinement layer is capable of converting water into finer 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 means of a wiping cloth;

wherein, the water molecule refinement layers are fabricated from FIR-emitting ceramic material; and

wherein, each of the water molecule refinement layer is a honey comb filter fabricated from FIR-emitting ceramic material and having a plurality of liquid passages, wherein said liquid passages in the upper water molecule refinement layer are off set relative to said liquid passages in the lower water