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 one water molecule refinement layer 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, each of the water molecule refinement layer consists of a plurality of FIR-emitting ceramic particles 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

molecule refinement layer to further enhance a refining process of the water molecule in the receiving chamber of the container.

2. The water quality-upgrading device according to claim 1, wherein three of the water molecule refinement layers are provided between the inlet and the outlet in a stack manner.

3. The water quality-upgrading device according to claim 2, wherein the water molecule refinement layers adjacent to the inlet and the outlet are fabricated from a plurality of FIR-emitting ceramic particles, and the intermediate water molecule refinement layer is a honey comb filter fabricated from FIR-emitting ceramic material.

4. The water quality-upgrading device according to claim 1, further comprising an adaptor including a connection stem defining an axial through hole and having an external surface formed with external threads.

5. The water quality-upgrading device according to claim 4, wherein at least one of the inlet and the outlet has internal threads for engagement with the external threads of the connection stem of the adaptor.

6. The water quality-upgrading device according to claim 4, wherein the outlet has internal threads for engagement with the external threads of the connection stem of the adaptor.

7. The water quality-upgrading device according to claim 1, further comprising a flexible pipe connected to said outlet of said container such that said flexible pipe is exposed to an exterior of the container.

8. The water quality-upgrading device according to claim 1, further comprising a cylindrical projection extending upwardly and axially from the inlet of the container, the cylindrical projection having an external surface formed with