THE CLAIMS:

1. A body processing apparatus for treating a dead body, the body processing apparatus including:

at least one first water tank for holding water;

a body processing chamber, for processing the body by alkaline hydrolysis, the body processing chamber adapted to receive the dead body, and in fluid connection with the first water tank, able to receive water therefrom;

a solar water heater system to provide heated water and water from the first tank can be used in the solar water heating system and heated before use for body processing in the body processing chamber;

an additive treatment means, whereby necessary additives are added to the body processing chamber or to the water used, during the process, and the additive does not distribute until the water enters the chamber;

at least one second water tank for receiving water from the body processing chamber, through a fluid connection therewith and holding the resultant nutrient and water solution; and

a water cleaning system, in fluid connection with the second water tank to separate the nutrient and water and including a physical filtration system to thoroughly clean the processing water before recycling the substantially clean water, either recirculating within the body processing apparatus, or for another purpose,

wherein, the body is placed within the body treatment chamber for alkaline hydrolysis processing, additives are added through use of the additive treatment means, water enters from the first water tank and processing occurs until the body breaks down, after which the water is drained to the second water tank, and enters the water cleaning system for a thorough cleaning, ready for recycling or recirculation.

2. The body processing apparatus according of claim 1, wherein a solar power system to provide power is included.

3. The body processing apparatus according of claims 1 or 2, wherein a rain water tank is included to supply water to a clean water tank for use in processing.

4. The body processing apparatus according to any one of claims 1 to 3, wherein a clean water tank is in fluid connection to a pump, to pump clean water into a solar heating system for heating before use in the chamber for body processing.

5. The body processing apparatus according to any one of claims 1 to 4, wherein the additive includes or is Potassium Hydroxide.

6. The body processing apparatus of claim 6, Potassium Hydroxide is added of a weight substantially equivalent to 5% of the weight of the body.

7. The body processing apparatus according to any one of claims 1 to 6, wherein the water solution from body processing after body processing has been completed is treated to substantially return the water to substantially pH neutral or approximately pH 7.2.

8. The body processing apparatus according to any one of claims 1 to 7, wherein a food acid is introduced to the water from the body processing to substantially return the water to a substantially pH neutral or approximately pH 7.2.

9. The body processing apparatus according to any one of claims 1 to 8, wherein after body processing the water is completely drained from the chamber to the holding tank, and the chamber flushed with clean water to be clean and dry.

10. The body processing apparatus according to any one of claims 1 to 9, wherein a back wash tank is included for clean water used to back wash other parts of the system.

11. The body processing apparatus according to any one of claims 1 to 10, wherein a pump is used to pump water from the back wash tank to back wash a bag of a bag filtration system so a small amount of body nutrient may be removed from the system for the family.

12. The body processing apparatus according to any one of claims 1 to 11, wherein the water cleaning system includes a bag filtration system and the majority of the nutrient and particles (sediment) contained in the processing water are removed through use of the bag filter part of the water cleaning system.

13. The body processing apparatus according to any one of claims 1 to 12, wherein the processing processes the body of a family member and a sediment pot is used in fluid connection with at least one part of the water cleaning system to remove a small volume of water and or nutrient (sediment) from the processing water for use for the family, such as to grow a plant.

14. The body processing apparatus according to any one of claims 1 to 13, wherein the water cleaning system includes a water filter.

15. The body processing apparatus according to any one of claims 1 to 14, wherein cleaned water from the water cleaning system is pumped or returned to a clean water tank for further use.

16. The body processing apparatus according to any one of claims 1 to 15, wherein one or more heating means or elements are included to further heat the water in the body processing chamber or maintain the temperature of the water received from a solar heating system and the maintained temperature.

17. A body processing apparatus for treating a dead body, the body processing apparatus including:

two first water tanks for holding water, one being a rain water tank and one being a clean water tank;

a solar water heating system that receives clean water from the clean water tank and heats it,

a body processing chamber including a heating means, the body processing chamber adapted to receive the dead body in a basket and process through alkaline hydrolysis, and in fluid connection with the first clean water tank water from the solar heating system, able to receive clean heated water therefrom;

an additive treatment means, whereby necessary Potassium Hydroxide may be added to the body processing chamber to increase the alkalinity of the water before processing, and food acid may be added to the water after body processing to increase the acidity and return the pH of the water to substantially neutral;

at least one second water tank for receiving water from the body processing chamber, through a fluid connection therewith;

a water cleaning system, in fluid connection with the second water tank, including at least one physical filtration unit to substantially clean the water; and

a recycling pipe to take clean water from the water cleaning system to be used in the clean water tank,

wherein, the body is placed within the body treatment chamber with the Potassium Hydroxide, and hot water enters from the first water tank, and the hot water is kept heated so processing occurs until the body breaks down, food acid is added to return the water to substantially neutral before the water is drained to the second water tank and enters the water cleaning system for cleaning, and once cleaned is returned to the clean water tank for reuse.