Principle features of Lambertson Unit # III

1. Utilizes same respiratory unit as #II (B) whose efficiency has been thoroughly proven. Parts are therefore almost completely standard.

2. Comprises only essential structures.
   b. Oxygen regulators and hand controls all anterior within easy reach.
   c. Oxygen delivery tubing - completely covered.
   e. Rebreathing bag - anterior and superior. Correct relationship to lungs for physiologic respiration under water.
   f. Breathing tubes, placed as in unit # II for shortness and freedom of head movement.
   g. Mask - same as in unit # II (B)
   h. Drainage valve and shut-off valve enables mask to be put on or taken off under water without flooding lungs or breathing system.

3. Harness as in unit # II.

3. Differences from Unit # II (B)
   a. Breathing bag not covered by rigid casing. Unit can therefore be rolled up into smallest space that bulk of essential structures comprising any such unit will permit.

   b. Cannister, connections to breathing tubes, oxygen delivery tubes, oxygen regulator assembly, oxygen cylinder all covered with canvas to avoid dangerous projections.

   c. Breathing bag anterior and superior - avoids dangerous and vulnerable projection of a posterior unprotected breathing bag.

   It can be seen that this model is in effect the same as the unit "B" except for the breathing bag which has been demurred of its protective cage and changed in position to retain a degree of safety against injury. Since the physiologic relation of bag to lungs has been retained the new unit is functionally unchanged, and presents the same effciency of respiration as the previous model. It has merely been re-designed to provide 1. Elimination of projections, and 2. Ability to be packed in small space.