ASSEMBLY: Assemble the Fire Syringe as shown in the above drawing. The O-ring (2) should be **tightly** lubricated with cooking oil from the Hubbard Expendable Laboratory Supplies, or with another available lubricant. Before using, run the Piston (1) to the bottom of the Combustion Tube (4) a few times after lubricating.

**OPERATION:** Be sure you use a 2 mm x 2 mm piece of tissue paper to be ignited. Be certain it is clean and **dry**. Push it to the bottom of the combustion tube with a small wire or similar device. The tube must be replenished with fresh air before each firing, and its interior must be free of the condensation which is a by-product of combustion. Swab the tube if necessary and **lightly** lubricate the rings before each use.