How to make a historic steam toy
Hero, scientist of ancient Alexandria in Egypt, made a steam toy which he called the Ball of the Winds. This is how to make a model of the toy. You need a tin can with a friction top which holds about a pint or half litre. Pierce two holes in the can on opposite sides, large enough to carry small one-hole stoppers. Bend two glass tubes as shown in the diagram. The tubes should be drawn to jets at the end. Insert the tubes in the stoppers so that the jets point in opposite directions. Fasten cord to the stoppers and suspend by a swivel or chain. Pour water in the can to a depth of about 3 cm, put the cover on tightly and place over a flame.