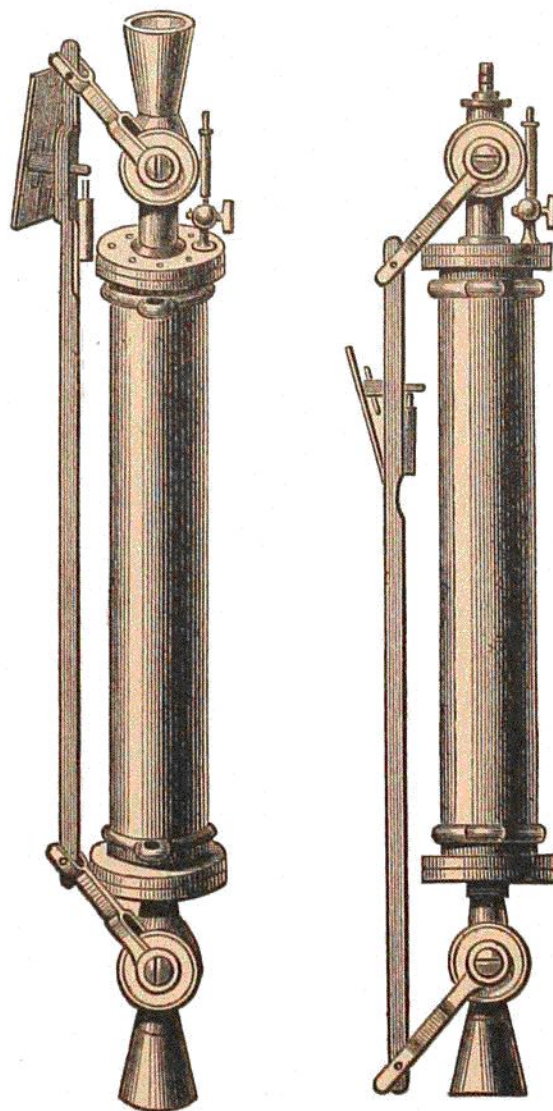


to each other by means of a rod on which is a moveable float. When lowered to any desired depth, both cocks being open to allow the column of water to freely pass through, immediately the motion of

FIG. 6.



lowering is reversed and hoisting commenced, the flat float being pressed on by the weight of water above it, shuts both cocks simultaneously, and so incloses a specimen of the water at that particular depth.