

until the flask is overflowing. The opening *c* in the tube is then brought just below the lower surface of the cork, which is pressed tightly into the neck of the flask. A certain amount of water is displaced by the cork, rises into the bulb, and the tube is carefully

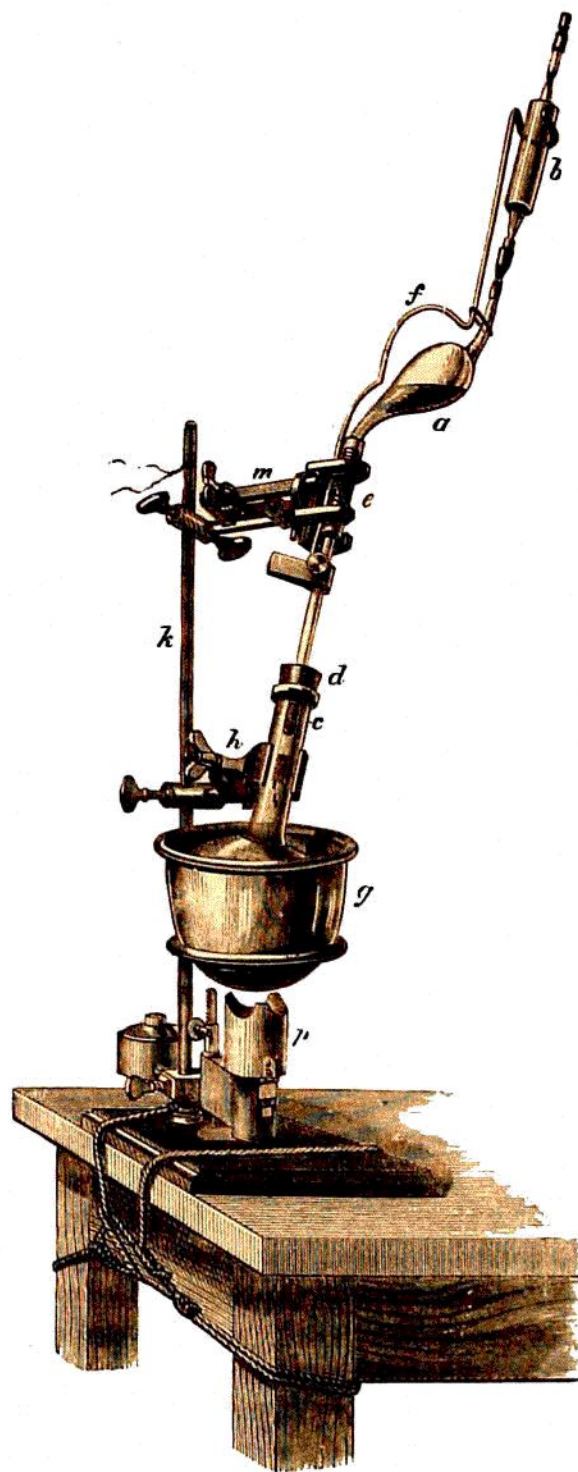


FIG. 8.—Apparatus for collecting the Atmospheric Gases from Sea-Water.

drawn upwards till the opening is well within the cork and therefore closed. A certain suction or diminution of pressure is produced, causing the immediate appearance of air-bells in the water. The receiver *b* is now attached, and the water in the bulb brought