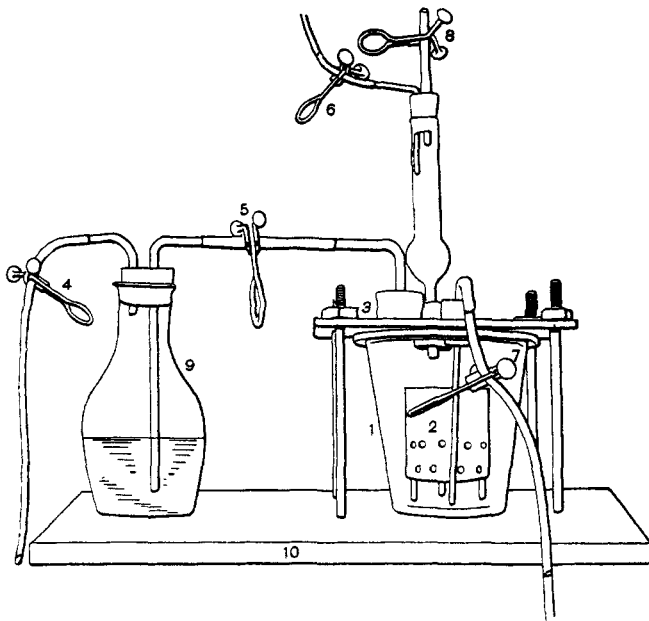


HYDROGEN SULPHIDE GENERATOR.

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THE accompanying figure represents a very useful contrivance for the generating of hydrogen sulphide. It consists of 1, an ordinary glass tumbler placed upon a wooden base 10. 2 is a leaden cylinder pierced with small holes. Between



1 and 3 is a rubber washer which makes the generator complete when 1 is held in place by four bolts as seen in the figure, 9 is a wash bottle. When iron sulphide has been placed in 2, the apparatus is ready for generating hydrogen sulphide, first by opening first cock 4, then 5, and finally 6, which allows the acid to enter 1, from a supply receptacle. When the acid has risen above the holes in 2, 6 is closed and all is in operation. After sufficient H_2S has been obtained 4 is closed first, then 5, and 7 is opened after which 8, which is connected with a water bottle which allows water to wash out what acid remains. The working and construction is very simple.