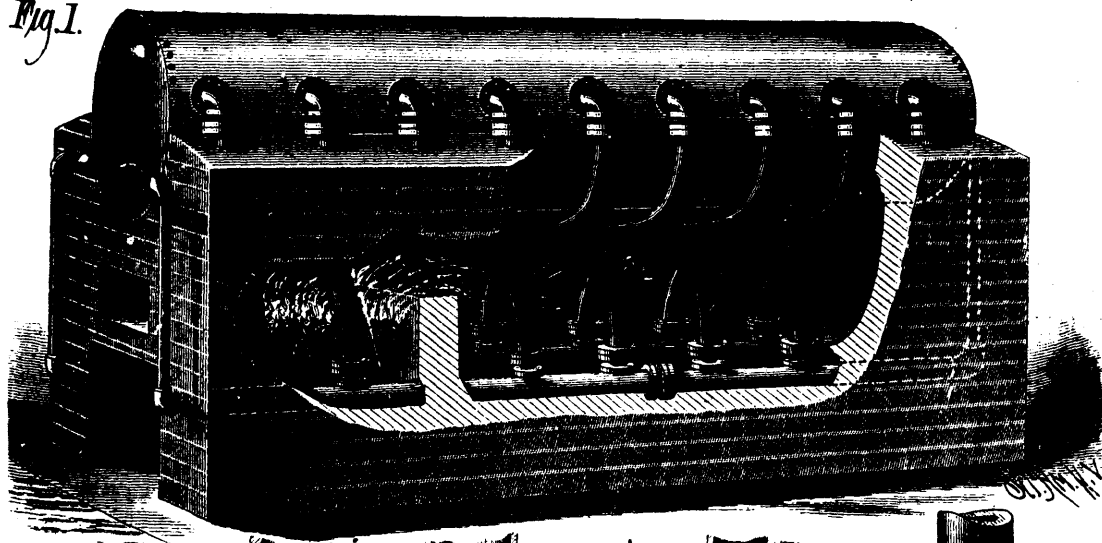
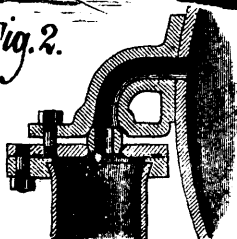


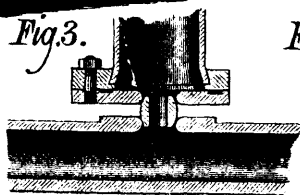
*Fig. 1.*



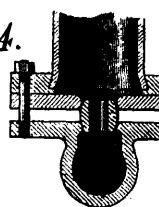
*Fig. 2.*



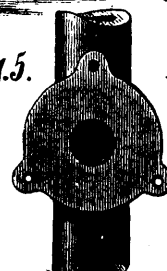
*Fig. 3.*



*Fig. 4.*

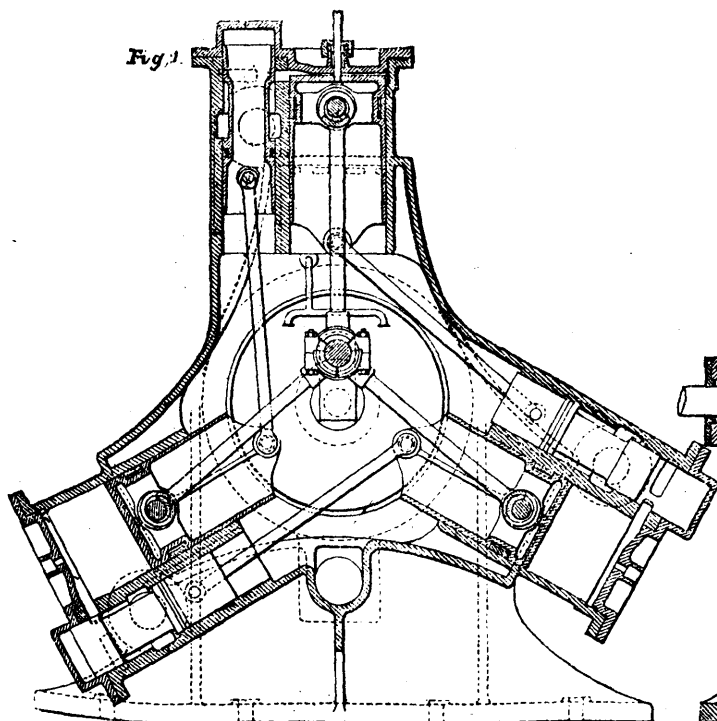


*Fig. 5.*

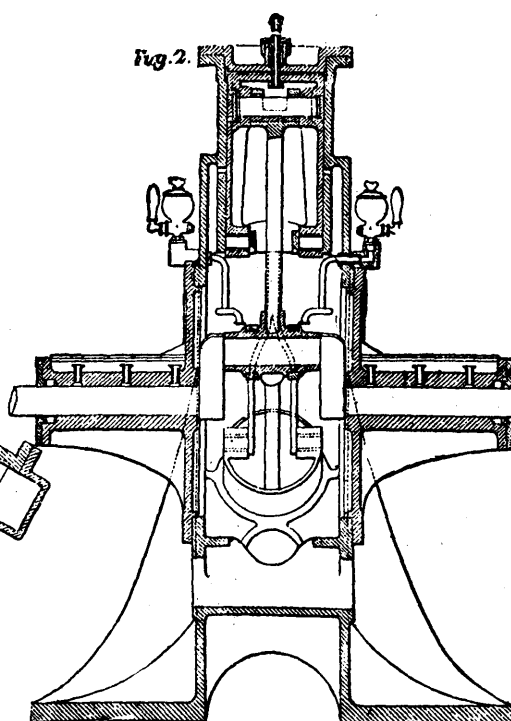


HILL'S IMPROVED BOILER.

*Fig. 1.*



*Fig. 2.*



IMPROVED THREE-CYLINDER ENGINE.