

VALVE-GEARS

FOR

STEAM-ENGINES

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Location of the Reverse-shaft.—The centre of the reverse-shaft arm S , Fig. 2, Pl. XX, may now be located as follows: Bisect the line mm' (shown also on Fig. 7, Pl. XXa) by a line perpendicular to the axis XX' and on it locate N_0 at a distance from the axis equal to the length of the hanger; draw N_0S parallel to the axis and make it equal to the length of the reverse-shaft arm. Drill a hole in the drawing-board at S and connect up the hanger with wooden washers at N and m' to give proper clearance so that the model may work freely.

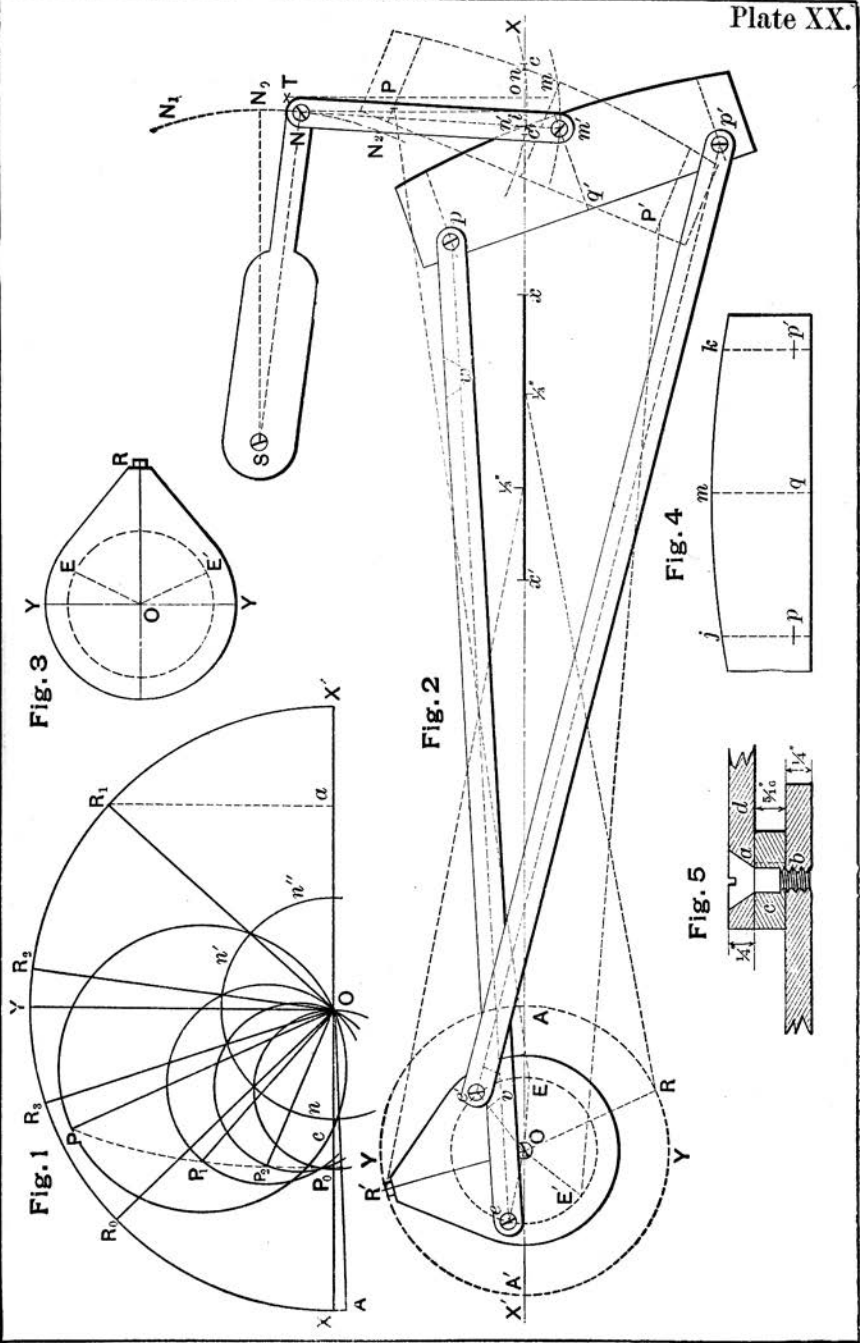


Fig. 1

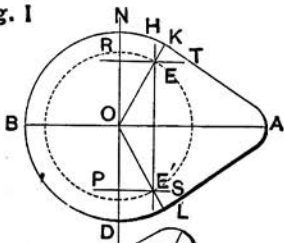


Fig. 2

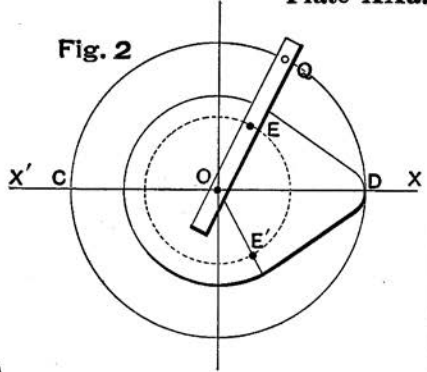


Fig. 3

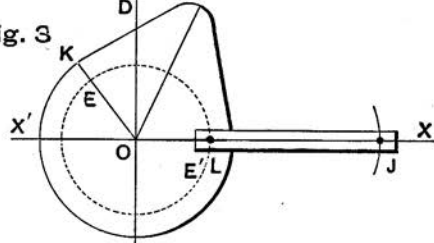


Fig. 4

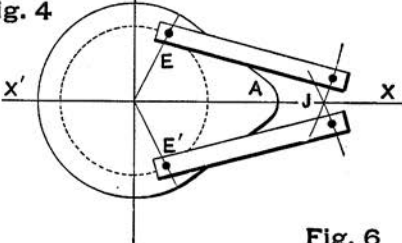


Fig. 5

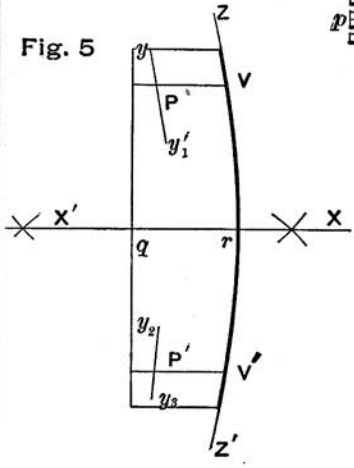


Fig. 6



Fig. 7

