

FIG. 1.—Front view, copied from a photograph, showing the collapsed fire-box. A, the left-hand side buckled back upon the tube plate, exposing the interior surface of the outer shell, the screw stay-bolts, and the ends, B, of the leg-bolts.

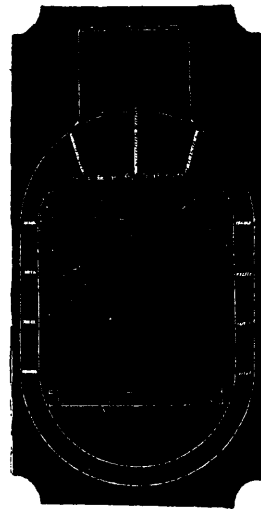


FIG. 3.—Cross section of the body and the patch, showing the screw stay-bolts; the upper one of the left-hand row being the same as D, Fig. 2.



FIG. 4.—Plan of the bottom of the safety valve, the bright portion being indicated by the white arc. "It did not leak." (P)

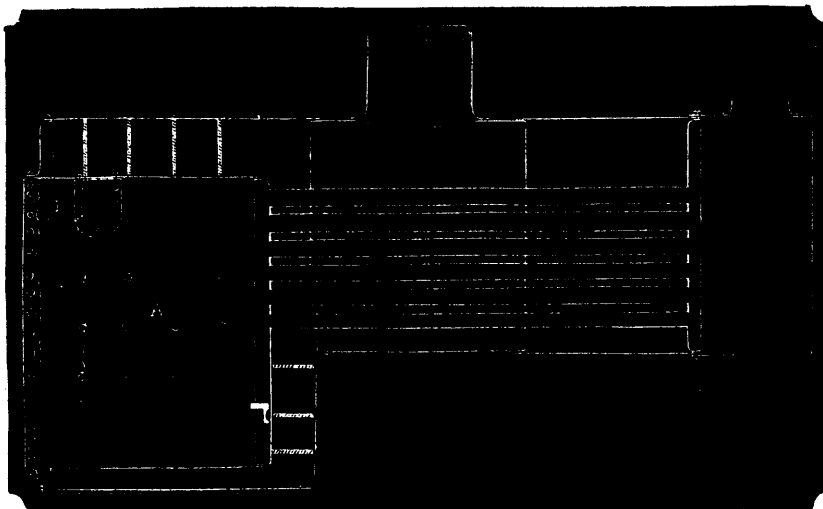


FIG. 2.—Longitudinal section of the boiler, showing lines of fracture of the left-hand wall of the fire-box, the corresponding end of the thin patch, and D, the probable point of initial rupture, indicated by the thin, pouted edges of the hole through which the head of the bolt was drawn, not shown in the cuts.

EXPLOSION OF A PORTABLE BOILER.—(SEE NEXT PAGE.)