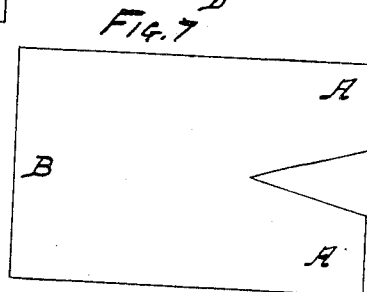
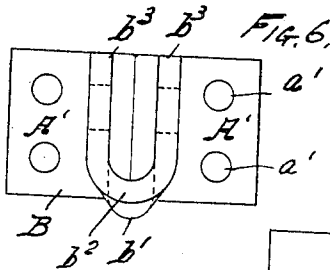
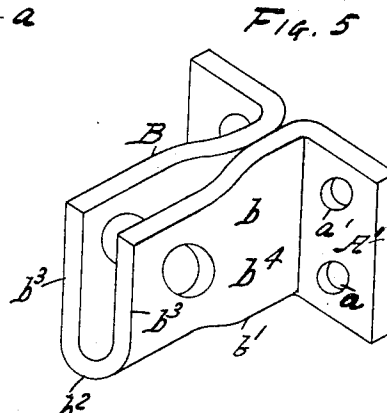
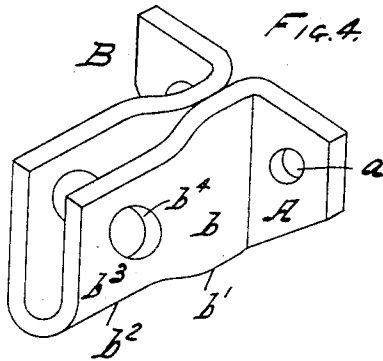
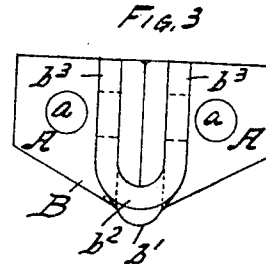
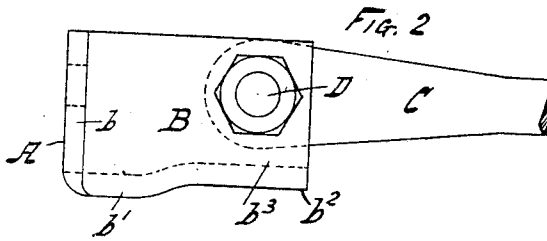
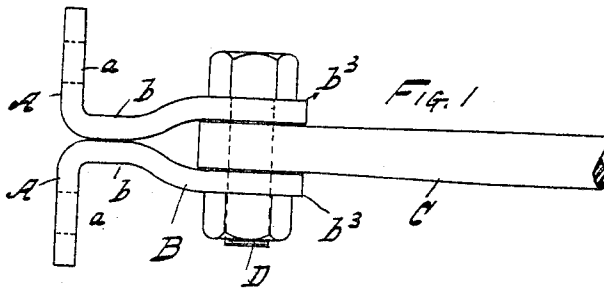


No. 819,020.

PATENTED APR. 24, 1906.

L. G. MONG.
BOILER BRACE.

APPLICATION FILED NOV. 2, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

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BOILER-BRACE.

No. 819,020.

Specification of Letters Patent.

Patented April 24, 1906.

Application filed November 2, 1905. Serial No. 285,615.

To all whom it may concern:

Be it known that I, LINCOLN G. MONG, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented new and useful Improvements in Boiler-Braces, of which the following is a specification.

This invention relates to boiler-braces; and it consists in certain improvements in the construction thereof, as will be hereinafter fully described, and pointed out in the claims.

The object of the invention is to provide a boiler-brace, especially one in which a rod may be used free from wells.

The invention is illustrated in the accompanying drawings, as follows:

Figure 1 shows a plan view; Fig. 2, a side elevation; Fig. 3, an end elevation; Fig. 4, a perspective view; Fig. 5, a perspective view of a brace having a double crow-foot; Fig. 6, an end elevation of the same; Fig. 7, a blank from which the brace is formed.

The brace comprises the feet A A. These are bent outwardly from and formed integrally with the shank B, the whole being preferably formed from a plate of metal, the blank being as shown in Fig. 7. The shank is formed by bending the blank along the center. This forms the neck, with the walls *b b* close together, connected by the bend *b'* and the walls *b³ b³* extending from the neck at a sufficient distance apart to permit the insertion of the brace-rod C. The walls *b³ b³* are preferably connected by the bend *b²*. The feet A A are provided with the perforations *a a*, so that it may be riveted to the plate or head (not shown) which it is desired to brace, and the walls *b³ b³* have the perforations *b⁴*. A bolt D is passed through these perforations and the rod C, thus forming a means of connection.

In the alternative construction shown in Figs. 5 and 6 the feet A' are full width of the material and are provided with two perforations *a' a'*; otherwise the construction is the same as that shown in the other figures.

What I claim as new is—

1. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured.

2. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured, the walls *b³ b³* being connected by the turn *b²*.

3. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured; and the neck portion having the walls *b b* formed in continuation of the walls *b³ b³*, the walls *b b* being close together.

4. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured; and the neck portion having the walls *b b* formed in continuation of the walls *b³ b³*, the walls *b b* being close together and connected by the turn *b'*.

5. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured, the walls *b³ b³* being connected by the turn *b²*; and the neck portion having the walls *b b* formed in continuation of the walls *b³ b³*, the walls *b b* being close together.

6. A boiler-brace comprising the feet A A adapted to be secured to a boiler, and the shank formed integrally therewith and having the separated walls *b³ b³* between which a brace-rod may be placed and secured, the walls *b³ b³* being connected by the turn *b²*; and the neck portion having the walls *b b* formed in continuation of the walls *b³ b³*, the walls *b b* being close together and connected by the turn *b'*.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

LINCOLN G. MONG.

Witnesses:

CHARLES G. BREVILLIER,
H. C. LORD.