

No. 854,143.

PATENTED MAY 21, 1907.

T. C. BEST.
BOILER HANGER.

APPLICATION FILED NOV. 26, 1906.

Fig. 1.

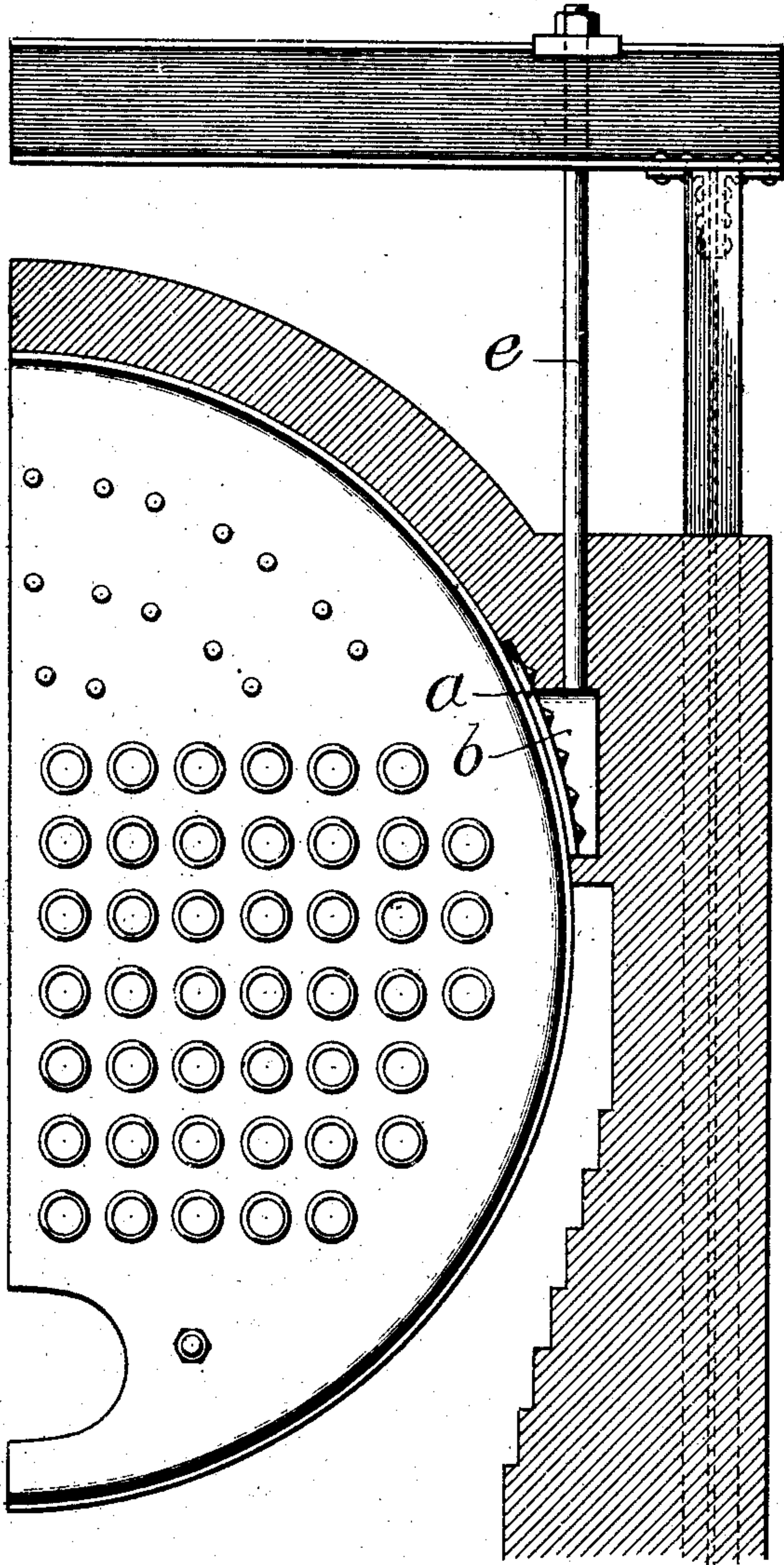


Fig. 2.

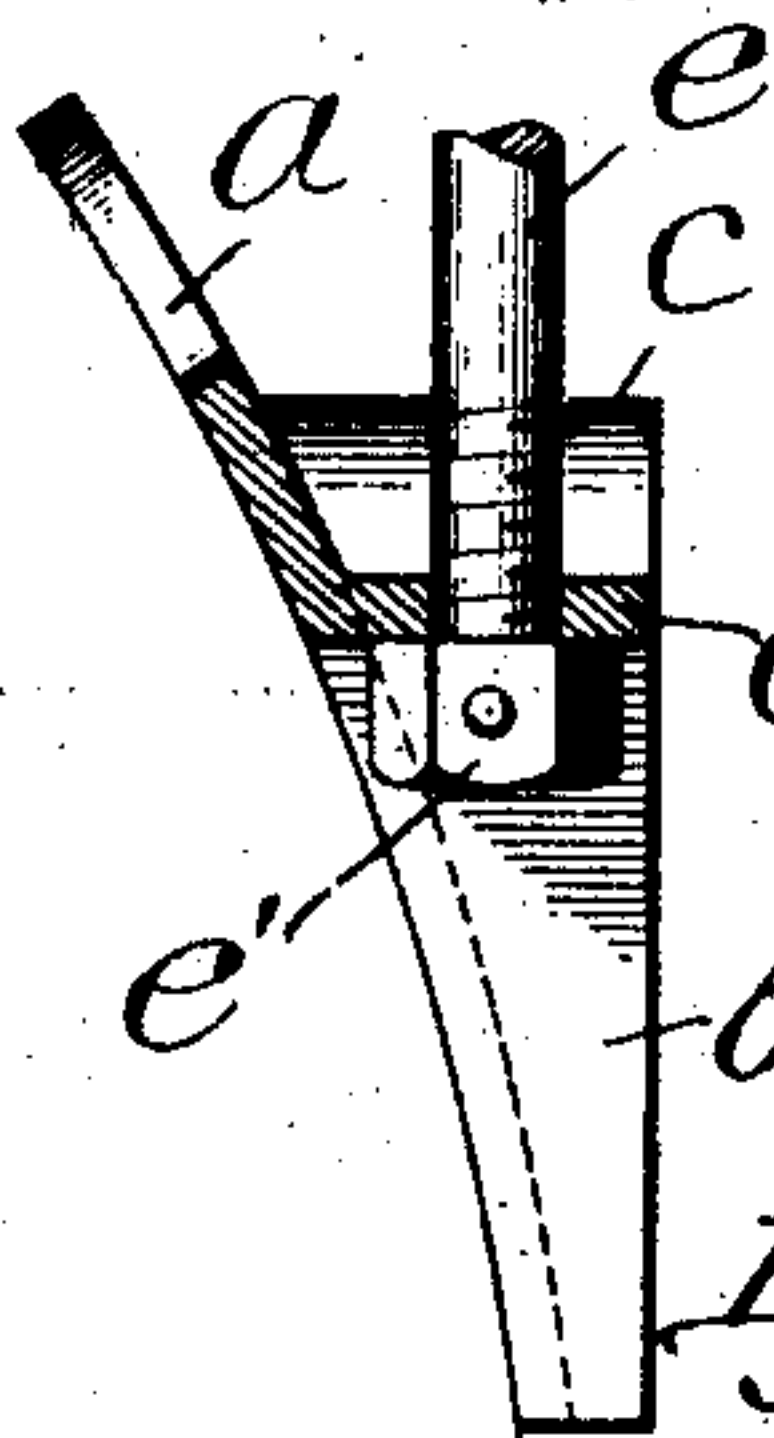
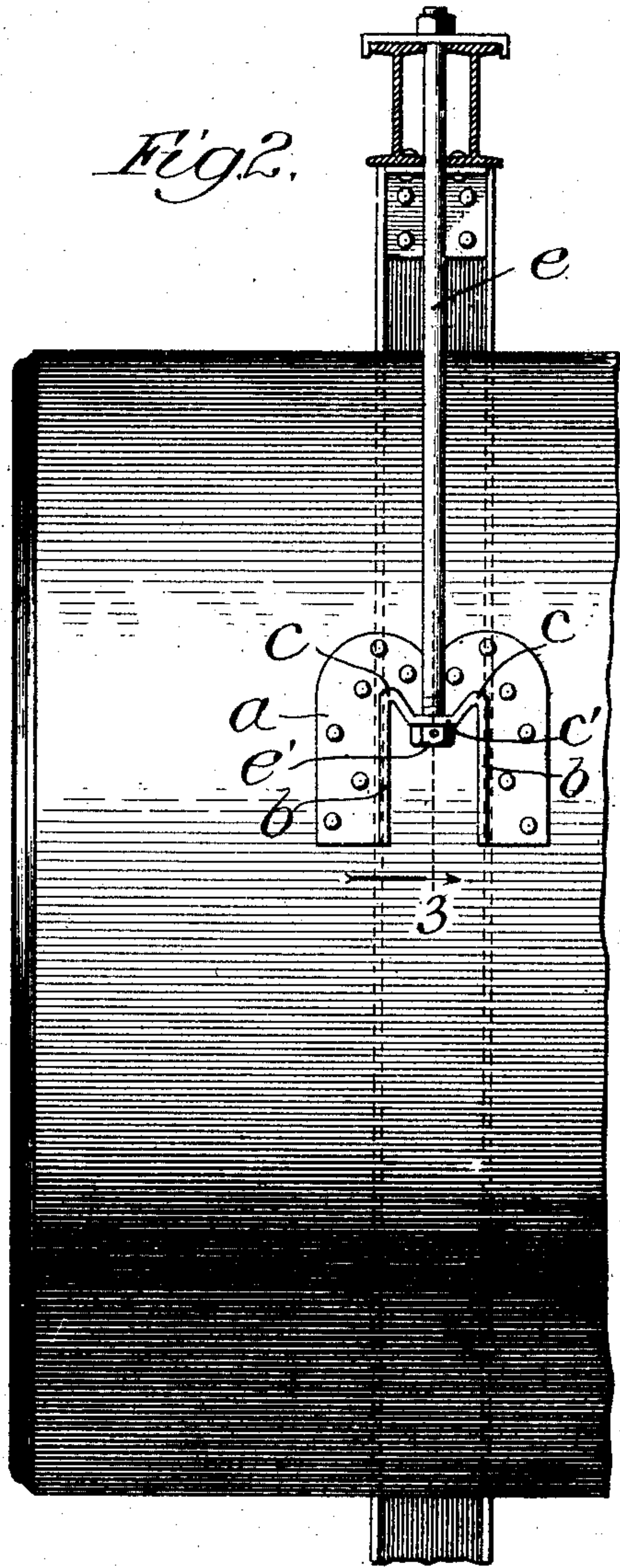


Fig. 3.

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UNITED STATES PATENT OFFICE.

THOMAS C. BEST, OF CHICAGO, ILLINOIS.

BOILER-HANGER.

No. 854,143.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS C. BEST, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Boiler-Hangers, of which the following is a specification.

My invention relates to boiler hangers; and has for its object to provide an improved hanger having the maximum strength in which provision is made for the attachment to a boiler of a single supporting rod.

To this end my invention consists in the combinations and details hereinafter set forth and claimed.

In the accompanying drawings—Figure 1 is a front elevation of a boiler, showing my improved hanger in position. Fig. 2 is a side elevation of the same. Fig. 3 is a sectional detail view on the line 3 of Fig. 2.

In carrying out my invention I provide a Ω -shaped flanged plate *a*, the legs of which are spaced apart and provided at their inner edges with longitudinal strengthening ribs *b*. These ribs are connected at their upper ends by an integral web having a depressed central portion *c'*, this portion being connected to the ribs by inclined or angular portions *c*. The central depressed portion of the web is provided with a perforation through which passes one end of a hanger rod *e* which is secured to the hanger by a nut *e'*. By thus constructing the hanger, it will be observed that I provide a hanger which is capable of withstanding the strains placed thereon, the point of support at the web being strengthened by the angularly arranged portions *c*. By this construction I also provide a hanger which may be used in connection with a single straight rod *e*, which may be formed without forging or unnecessary labor—being a stock form. The parts may also be very readily secured in place—as will be understood.

While I have shown in the present application a boiler suspended from above, it will be understood that there are many cases where my invention could be used in the reversed form, such as, for holding down boilers of marine or locomotive type to guard against the rolling action of the waves or the movement of the boiler when used for railroad purposes, which tend to succumb to the rocking of the machinery while rounding curves or traveling over rough territory,—hence I do not wish to be limited to the specific uses of the invention as hereinafter shown.

I claim:

1. A boiler hanger comprising a Ω -shaped flanged plate provided with spaced parallel strengthening ribs, and an integral web connecting the ends of the ribs, said web having a depressed center portion.

2. A boiler hanger comprising a Ω -shaped flanged plate provided with spaced parallel strengthening ribs, an integral web portion connecting the ribs at one end, said web portion having a depressed center, and angularly arranged ends connecting the ribs with the depressed center portion.

3. A boiler hanger comprising a Ω -shaped flanged plate provided with spaced parallel strengthening ribs, an integral web connecting the ends of the strengthening ribs, said web having a depressed center portion, and boiler supporting means connected to the depressed center portion.

4. A boiler hanger comprising a plate adapted to be secured to a boiler shell, a rib projecting laterally from the plate, and a web connected to the rib to which a boiler supporting means is adapted to be secured.

5. A boiler hanger comprising a plate adapted to be secured to a boiler shell, parallel ribs projecting outwardly from the plate, and a web interposed between and connected to the ribs to which a boiler supporting means is adapted to be secured.

6. A boiler hanger comprising a plate adapted to be secured to a boiler shell, parallel ribs projecting outwardly from the plate, and a web interposed between said ribs to which a boiler supporting means is adapted to be secured, said web having diverging portions connected to the ends of the ribs.

7. A boiler hanger comprising a plate adapted to be secured to a boiler shell, spaced strengthening ribs projecting from parallel edges of the plate, and a web interposed between and connected to the ribs to which a boiler supporting means is adapted to be secured.

8. A boiler hanger comprising an Ω -shaped plate adapted to be secured to a boiler shell, a pair of strengthening ribs projecting outwardly from the edges of the plate, and a web intermediate of and connected to the ribs to which a boiler supporting means is adapted to be secured.

9. A boiler hanger comprising an Ω -shaped plate adapted to be secured to a boiler shell, a pair of strengthening ribs projecting outwardly from the edges of the plate, a web in-

intermediate of said ribs having a central portion to which a boiler supporting means is adapted to be secured, and diverging portions on opposite sides of the central portion
5 connected to the ribs.

10 10. A boiler hanger comprising an U-shaped plate adapted to be secured to a boiler shell, a pair of ribs projecting outwardly from the inner edges of the members of said plate, and a web intermediate of and secured to said ribs to which a boiler supporting means is adapted to be secured.

11. A boiler hanger comprising an U-

shaped plate adapted to be secured to a boiler shell, a pair of ribs projecting outwardly from the inner edges of said plate, and a web intermediate of the ribs having a central portion to which a boiler supporting means is adapted to be secured and diverging portions on opposite sides of the central
15 20 portion connected to said ribs.

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Witnesses:

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