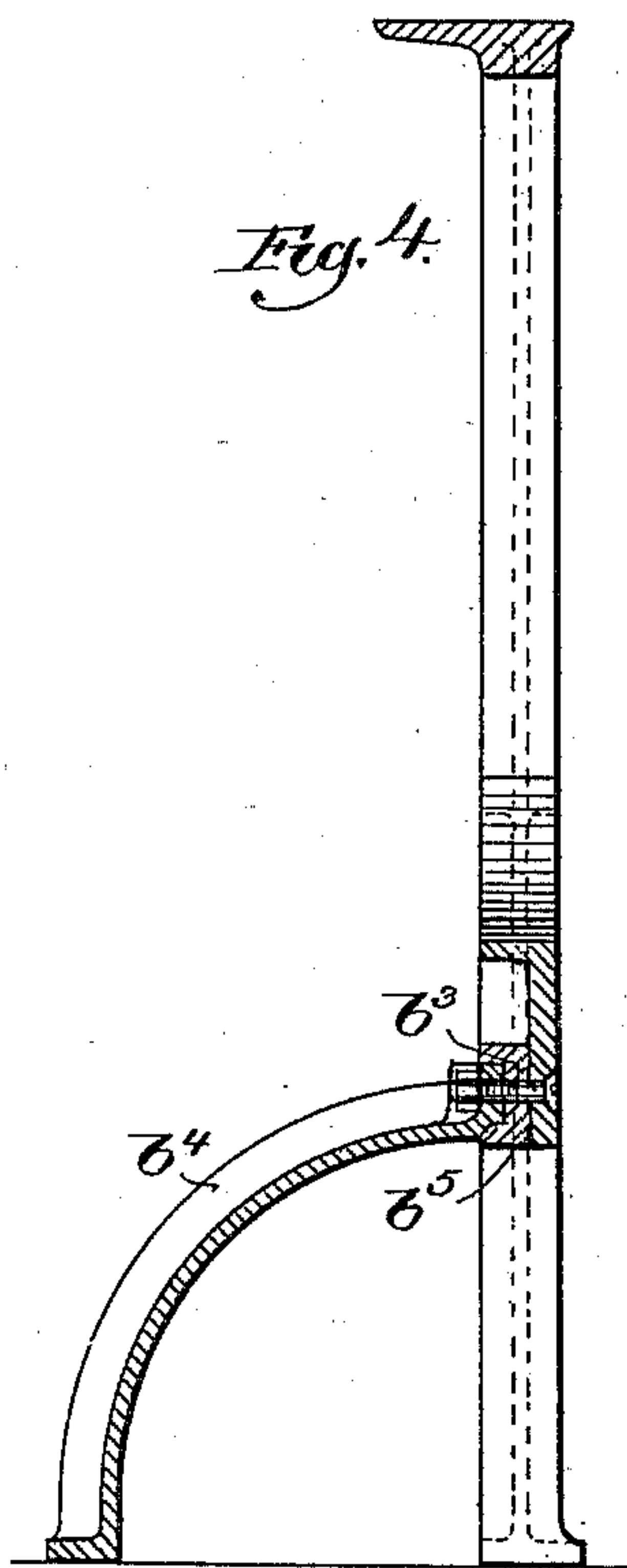
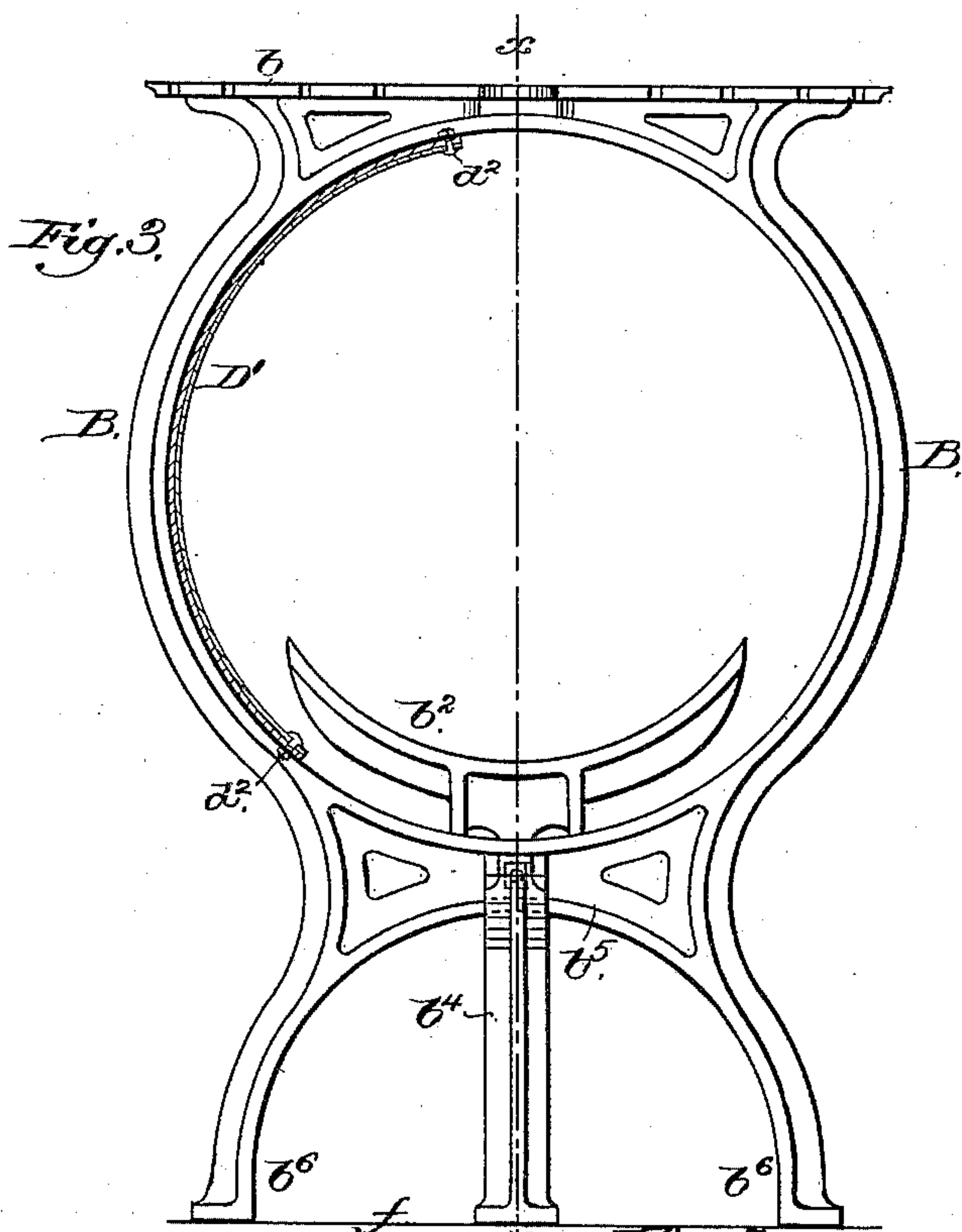
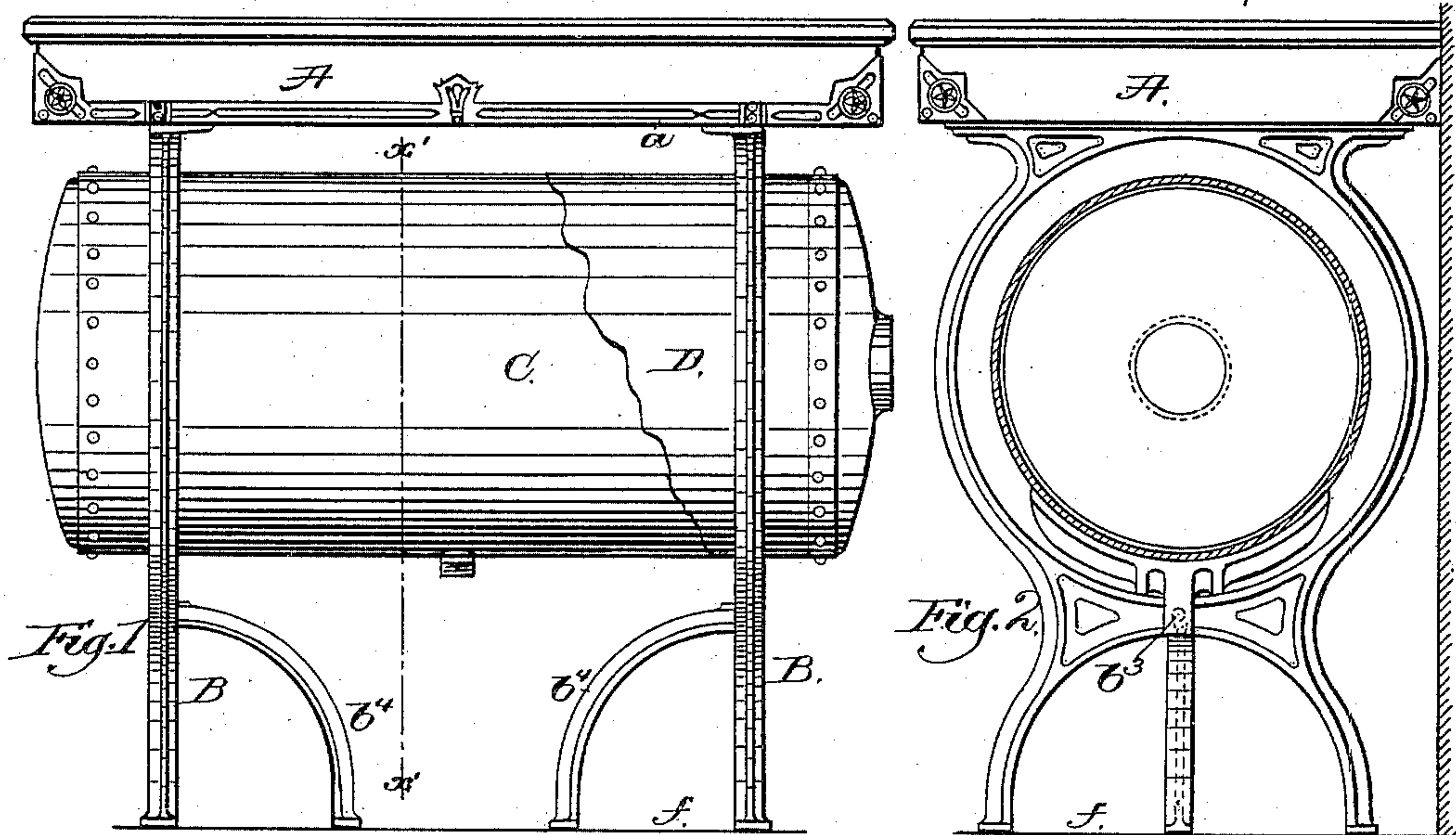


(No Model.)

A. P. CREQUE.
STAND OR SUPPORT FOR BOILERS.

No. 444,693.

Patented Jan. 13, 1891.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALLEN P. CREQUE, OF NEW YORK, N. Y.

STAND OR SUPPORT FOR BOILERS.

SPECIFICATION forming part of Letters Patent No. 444,693, dated January 13, 1891.

Application filed April 14, 1887. Serial No. 234,769. (No model.)

To all whom it may concern:

Be it known that I, ALLEN P. CREQUE, of New York, county and State of New York, have invented an Improvement in Stands or
5 Supports for Boilers, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

Hot-water or range boilers are now com-
10 monly set upright in kitchens, and the sink supplied with hot water from the range or boiler is removed therefrom to some considerable distance, the water being conducted through pipes crossing the ceiling or wall.
15 It is a great desideratum to so support kitchen-sinks that they may be entirely open underneath to thus prevent accumulation of dirt or any unsanitary collection upon the floor or about the sink, and it is a desideratum to
20 keep the sink, which may be of soapstone, cast-iron, or other usual material, moderately warm, thus preventing the adhesion to it of any greasy sediments or impurities which are apt to be unsanitary. The space under a
25 kitchen-sink as ordinarily supported is frequently unavailable, except as a dark closet. To economize the available room in a kitchen or other apartment, and also to enable the
30 heat from the hot-water boiler to be utilized to keep the sink warm, and also to enable the sink to be supported in such manner that the floor under it may be readily accessible to be kept clean, I have combined with the sink a
35 hot-water boiler, the latter being supported in horizontal position immediately below the sink, the support or stand, as herein shown and as preferable, sustaining also the sink. As my invention is herein embodied, I have
40 provided the stand with a rest, it being detachable in order that one of a different size may be substituted, or that it may be entirely removed, according to the diameter of the boiler to be employed. The radiation of heat
45 outwardly from the boiler at the front of the sink may be prevented by providing the boiler with a non-heat-conducting jacket or by providing the stand with a non-heat-conducting apron.

My invention consists, essentially, in the
50 combination, with a stand and sink, of a boiler arranged horizontally under the sink.

Other features of my invention will be set forth in the claims at the end of this specification.

Figure 1 in front elevation represents a
55 sink and boiler combined in accordance with my invention. Fig. 2 is a section of Fig. 1 in the dotted line α' , looking toward the left; Fig. 3, an enlarged detail of one end of the stand and non-heat-conducting jacket partially
60 omitted from Fig. 1 and entirely from Fig. 2; Fig. 4, a section of Fig. 3 in the line α ; and Fig. 5 is a detail, on a smaller scale, of the upper end of a modified form of stand especially adapted to support an iron sink.
65

The sink A, which may be of stone, wood, or other material, bound or not at its corners and along its bottom edges by a metallic flange a , is supported by a stand composed of
70 legs B B, the said legs being preferably shaped substantially as shown in Figs. 2 and 3, leaving an open cylindrical space for the reception of the hot-water boiler C, which may be of usual or suitable construction, it being connected by piping in any usual manner with
75 the hot-water back of a stove, range, or furnace, the said sink being preferably secured to the flanged upper end b of the stand by suitable bolts or screws.

As shown in Figs. 2 and 3, I have mounted
80 within the legs of the stand a bearing-block b^2 , it being herein shown as secured to the legs of the stand by a bolt, as b^3 , (see Figs. 2 and 4,) the said bolt also serving, preferably, to hold in position a brace-leg b^4 , having its up-
85 per end, as herein shown, shaped to enter a recess, as b^5 , cast or formed in the inner side of the leg, the said brace preventing any side tipping of the leg and forming for each end of the stand a tripodal support.
90

To prevent the radiation of heat outwardly to the discomfort of a person standing in front of the sink, especially in summer-time, I may provide the boiler C with a shield, shown in Fig. 1 as a covering D, the said covering
95 being partially broken away, as shown in Fig. 1, it being altogether omitted in Fig. 2, but shown in Fig. 3 as attached to the stand.

To adapt the legs of the stand to support an iron sink having flanged edges at its top, 100 the upper ends of the stand will be shaped substantially as shown in Fig. 5, where B

represents the top of the stand and A the iron sink.

It will be noticed with a boiler arranged directly under the sink that the sink may be
5 kept moderately warm by the boiler underneath; but should more heat be desired than comes to the sink through the non-heat-conducting material upon the boiler then the case D may be either entirely or partially
10 omitted, the non-heat-conducting shield D' being solely depended upon in such case to prevent outward radiation of heat from the boiler toward the front of the sink. The lower
15 ends of the stand or the legs b^6 and b^4 are just broad enough to stand firmly upon the floor without entering it, thus leaving a clear space about them to be kept clean. The legs may, if desired, be attached to the floor by suitable
20 screws, or they may simply rest upon the floor represented by the line f .

I claim—

1. The combination, with a stand and a sink supported by it, of a boiler supported by the stand below the sink independently of
25 the said sink, whereby the boiler may be removed without disturbing the sink, substantially as described.

2. A stand composed of two metallic side pieces B B, a sink supported above the side

pieces and connecting them together at their
30 upper ends, combined with a boiler arranged horizontally within the stand below the sink, substantially as described.

3. The combination, with a sink, of a stand to support it, provided with detachable bear-
35 ings, as b^2 , to receive directly upon them a boiler, substantially as and for the purpose set forth.

4. The sink and a metallic stand to support it, the said stand having two side legs,
40 as B, provided with openings adapted to receive a boiler, and brace-legs, as b^4 , extended from the said side legs to form a tripodal support for the opposite ends of the sink, substantially as described.

5. The combination, with a sink and a stand to support it, of a boiler supported below the said sink by the said stand, and a non-heat-radiating shield, to operate sub-
45 stantially as described.

In testimony whereof I have signed my
50 name to this specification in the presence of two subscribing witnesses.

ALLEN P. CREQUE.

Witnesses:

G. W. GREGORY,
JAS. H. CHURCHILL.