

H. C. STOUT.
 PORTABLE HEATING APPARATUS.
 APPLICATION FILED NOV. 1, 1910.

985,556.

Patented Feb. 28, 1911.

Fig. 1.

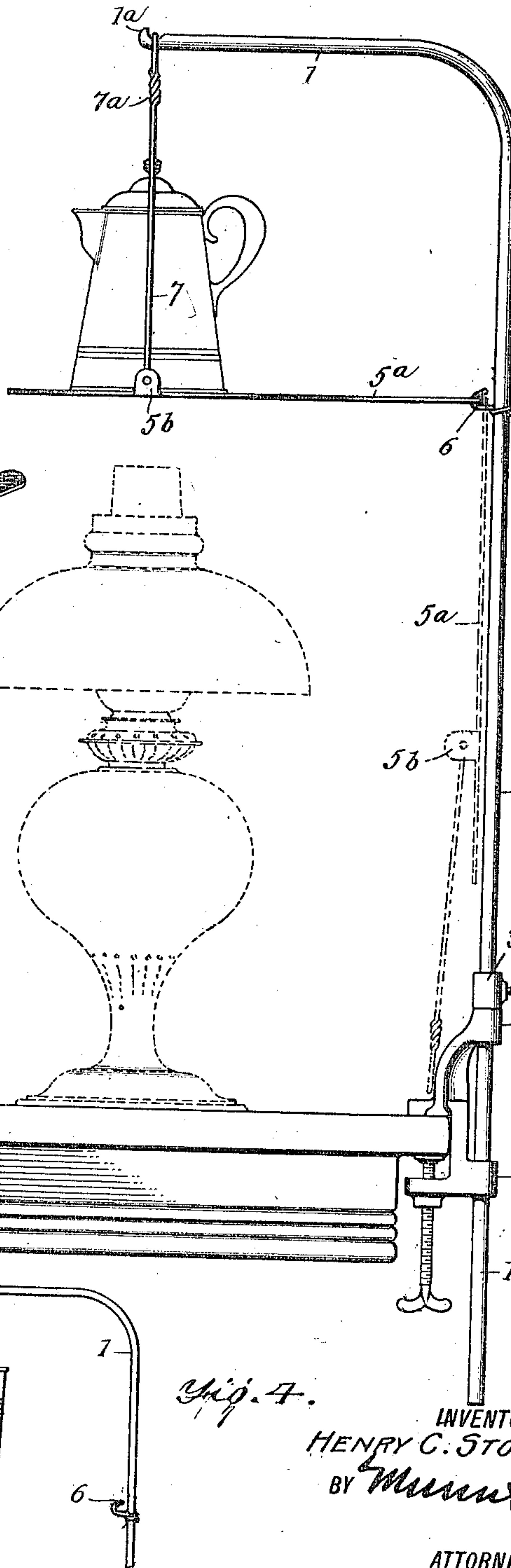


Fig. 2.

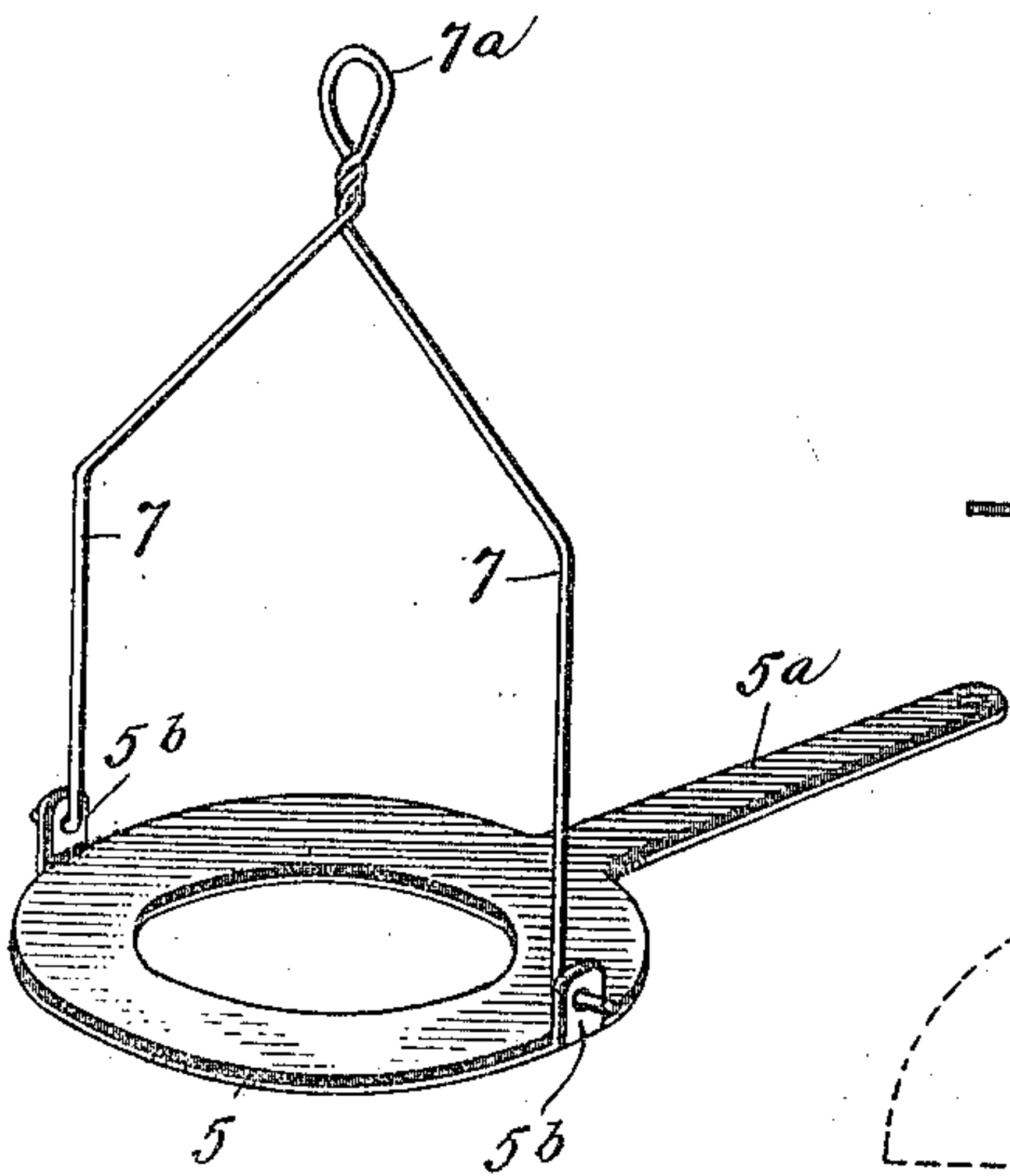
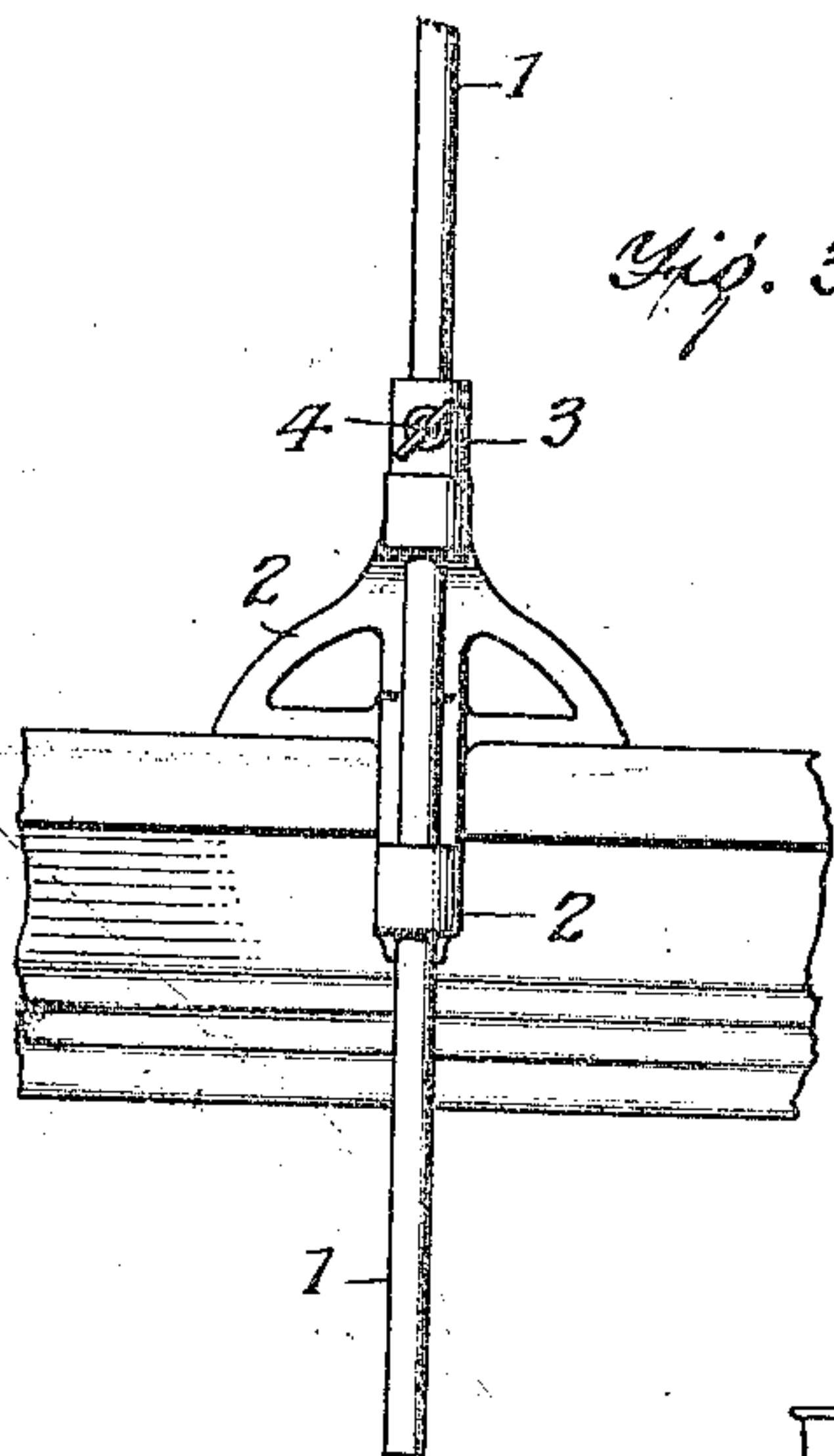


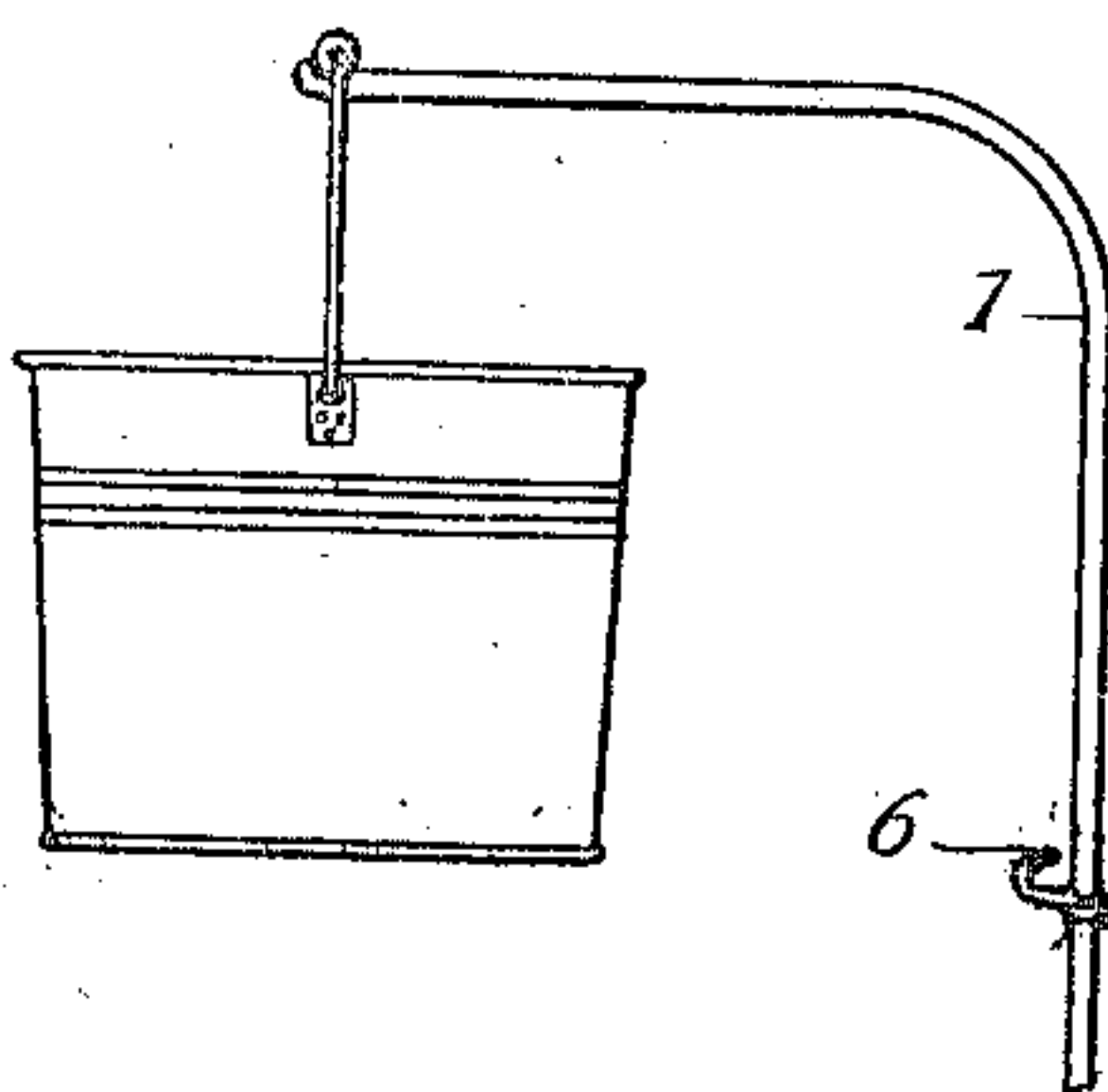
Fig. 3.



WITNESSES:

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Fig. 4.



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PORTABLE HEATING APPARATUS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY C. STOUT, a citizen of the United States, and a resident of Mount Sidney, in the county of Augusta and State of Virginia, have invented an Improved Portable Heating Apparatus, of which the following is a specification.

My invention is a small, easily portable, and inexpensive apparatus adapted for convenient attachment to a shelf, table leaf, or ledge, or to a vertical wall, for use in supporting receptacles for liquids or solids requiring to be heated.

The novel features of construction and others relating thereto are hereinafter described, and illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of my improved apparatus shown attached to a table ledge. Fig. 2 is a perspective view of the swinging shelf or support for cups, pots, or other receptacles containing a liquid or solid to be heated. Fig. 3 is a side view of that portion of the apparatus constituting the bracket or clamp adapted for application to a shelf or table ledge. Fig. 4 is a side view illustrating the suspension of a pail or other receptacle from the crane or goose-neck of the apparatus.

In Fig. 1, the numeral 1 indicates a crane or goose-neck which is formed of a stout wire or small iron rod, and 2 is the bracket or screw-clamp adapted to be secured to the ledge of a shelf or table. The goose-neck is adapted to slide in the bracket and is held supported at any required height by means of a sleeve 3 having a clamp-screw 4. Thus, the goose-neck is free to rotate in the bracket and may be adjusted higher or lower and clamped in any vertical adjustment by the part 3—4. I desire it understood that in place of the bracket adapted to be clamped upon the horizontal support, the goose-neck may be held in a support resting directly upon a shelf or table without being clamped thereto.

The leading feature of my invention is a hinged shelf or tray 5 formed of a circular plate or frame and provided with a lateral tail or extension 5^a which is hinged at 6 to the vertical portion of the crane or goose-neck. The shelf 5 is provided with ears or lugs 5^b to which a wire bail 7 is pivoted, the

same having a loop 7^a at its upper end by which it is adapted for detachable suspension from the notched end 1^a of the crane or goose-neck, as shown in Fig. 1. It will be seen that when the bail is attached as there shown, the shelf or tray 5 is held in horizontal position and is thus adapted to support a cup, pot, or other receptacle containing a liquid or solid to be heated, the same being supported directly over a lamp indicated by dotted lines in Fig. 1. In place of the lamp, it is of course practicable to employ a gas flame.

The plate or tray 5 may be provided with an opening to allow free access of heat to the bottom of the receptacle supported thereon.

When the shelf or tray is not required for use, the bail is detached from the crane or goose-neck and the shelf is allowed to swing down and is then supported in a vertical position as indicated by dotted lines in Fig. 1, it being then out of the way so that a kettle, pail, bucket, or other receptacle may be suspended directly from the crane as shown in Fig. 4. Further, this hinged attachment of the shelf or tray 5 and the pivotal connection of the bail 7 therewith enables the apparatus to be conveniently packed, stored, or transported.

Taken as a whole, the apparatus forms a very convenient, easily adjusted, and inexpensive support for various forms of receptacles containing substances to be heated, either for ordinary domestic use or for the sick chamber.

What I claim is:—

The combination, with the goose-neck and a support therefor, of a shelf or tray for supporting receptacles for liquids and solids which are to be heated, said shelf or tray having a tail or lateral extension provided with an opening at its outer end, a hook secured on the goose-neck and adapted for detachable connection with said tail or extension, and a bail hinged to the tray at opposite points and adapted for detachable suspension from the upper terminal of the goose-neck, as shown and described.

HENRY C. STOUT.

Witnesses:

HENRY C. SIMPSON,
JOHN C. PHILLIPS.