J. B. MURRAY.

PORTABLE HEATER.

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1,180,735.

Patented Apr. 25, 1916.

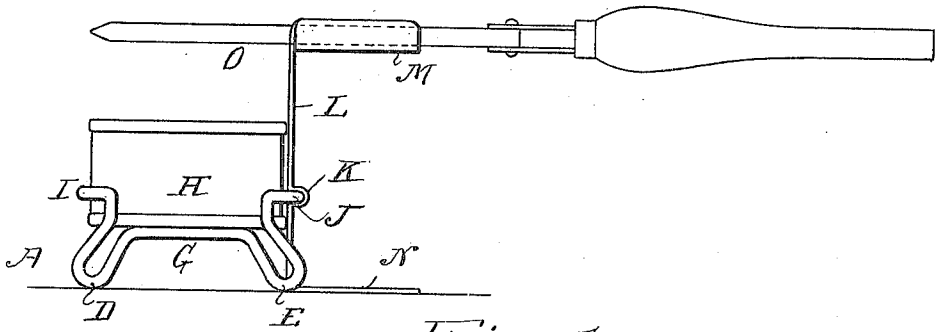


Fig. 1.

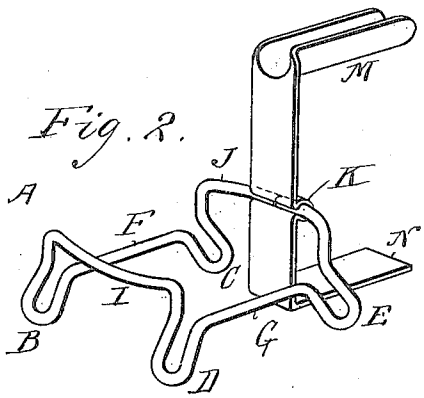
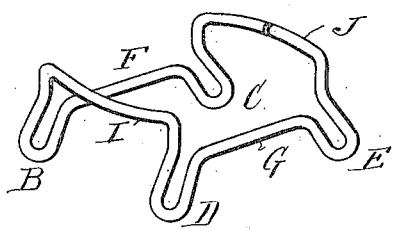


Fig. 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

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PORTABLE HEATER.

1,180,735. Specification of Letters Patent. Patented Apr. 25, 1916.

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To all whom it may concern:

Be it known that I, JOSEPH B. MURRAY, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Portable Heaters, of which the following is a specification.

The invention relates to portable heaters, and consists in the construction hereinafter set forth, whereby the device is simplified and cheapened.

In the accompanying drawings Figure 1 is an elevation and Fig. 2 is a perspective view of my portable heater. Fig. 3 is a perspective view of the fuel can support separately.

Similar letters of reference indicate like parts.

The base A is formed of a single piece of wire, here bent in quadrangular shape, and having at its angles downwardly extending loops B, C, D, E which form legs. The straight portions of the wire at F and G and between legs B, C and D, E form a support for the bottom of the cylindrical fuel can H, which may be the usual type for holding "solidified alcohol" or the like. The portions of the wire at I and J between legs B, D and C, E form oppositely disposed clip members which engage the can and hold it in place. The joint between the extremities of the wire is here in the part J and is inclosed in a loop K, formed in the middle portion of a flat metal strip L. The end portions of said strip are bent over in the same direction at right angles to said middle portion and away from said base. The end portion M has a longitudinal groove to receive a curling iron, or other elongated object to be heated, shown at O in Fig. 1, which when in place in said groove extends over the flame arising from the ignited fuel in can H, and so becomes heated. The end portion N is flat, and lies in the same plane as the bottom surfaces of legs B, C, D, E. The strip L and the base A may be separated by springing the ends of the wire of said base apart to withdraw them from loop K, or by opening said loop by bending said strip. It will be apparent that the device consists of but two structural parts—the wire base A and the bent strip L—which parts are united, without soldering, riveting or welding, and in such a way as to be easily separable for transportation.

I claim:

1. A portable heater, comprising a receptacle for a fuel can formed of a single piece of wire bent to form a bottom support for said can and a clip for retaining said can on said bottom support, and a support for the object to be heated secured to said base.

2. A portable heater, comprising a receptacle for a fuel can, formed of a single piece of wire bent to form a bottom support for said can and a clip for retaining said can on said bottom support, and a support for the object to be heated engaging one member of said clip.

3. A portable heater, comprising a receptacle for a fuel can, formed of a single piece of wire bent to form a bottom support for said can and a clip for retaining said can on said bottom support, and a support for the object to be heated engaging the ends of the wire forming said base.

4. A portable heater, comprising a receptacle for a fuel can, formed of a single piece of wire bent to form a bottom support for said can and a clip for retaining said can on said bottom support, and a removable support for the object to be heated having a loop receiving one member of said clip.

5. A portable heater, comprising a receptacle for a fuel can, formed of a single piece of wire bent to form a bottom support for said can and a clip for retaining said can on said bottom support, and a removable supporting strip for the object to be heated having a loop receiving one member of said clip and having its lower end portion bent at a right angle to its middle portion.

6. A portable heater, comprising a base of wire bent to form supporting legs and between said legs opposite straight portions adapted to receive upon them the bottom of a fuel can and opposite portions forming a clip engaging said can, and a metal strip having in its middle portion a loop receiving one of the members of said clip and having its end portions bent over in the same direction and at right angles to said middle portion, one of said end portions being in the same plane as the bottom surfaces of the legs of said base, and the other of said end portions having a longitudinal groove for receiving the object to be heated.

7. A portable heater, comprising a base of wire bent to form supporting legs and between said legs opposite straight portions

adapted to receive upon them the bottom of a fuel can and opposite portions forming a clip engaging said can, one of said clip members including the joint between the extremities of said wire, and a metal strip having in its middle portion a loop receiving one of the members of said clip and having its end portions bent over in the same direction and at right angles to said middle portion, one of said end portions being in the same plane as the bottom surfaces of the legs of said base, and the other of said end portions having a longitudinal groove for receiving the object to be heated.

In testimony whereof I have affixed my signature in presence of two witnesses.

JOSEPH B. MURRAY.

Witnesses:

GERTRUDE T. PORTER,

MAY T. MCGARRY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."