

1,023,044.

C. P. SHINN.
CURLING IRON HEATER.
APPLICATION FILED FEB. 1, 1911.

Patented Apr. 9, 1912.

2 SHEETS—SHEET 1.

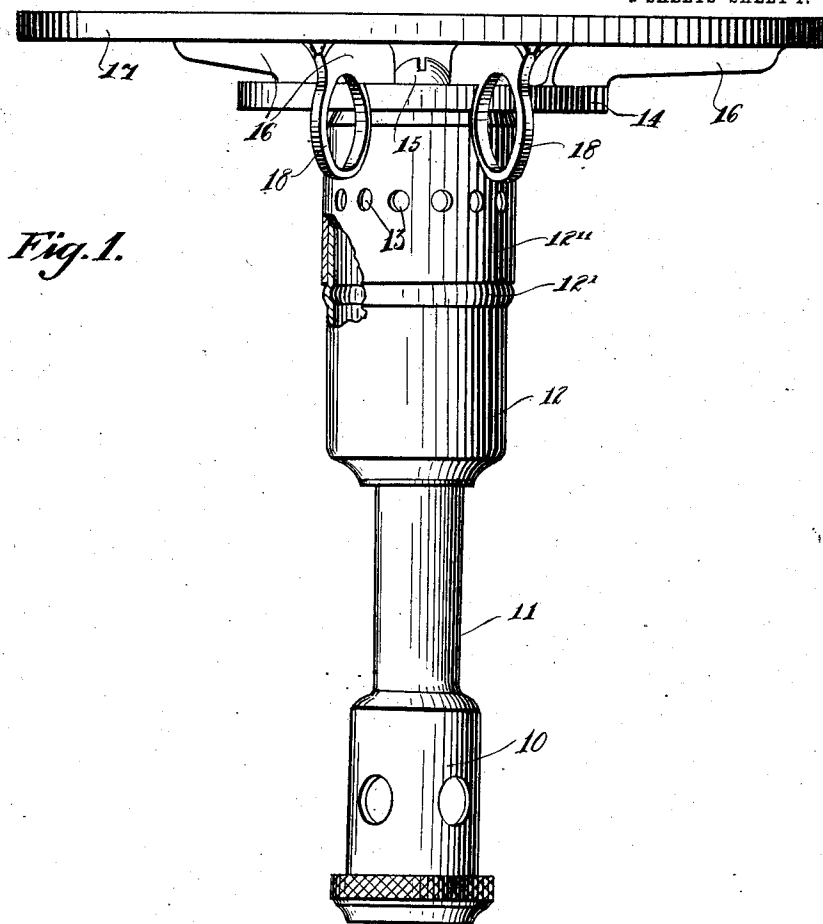


Fig. 1.

Witnesses

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2 SHEETS-SHEET 2.

Fig. 2.

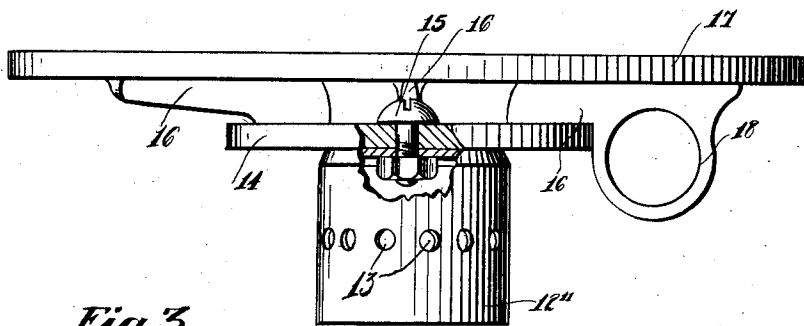
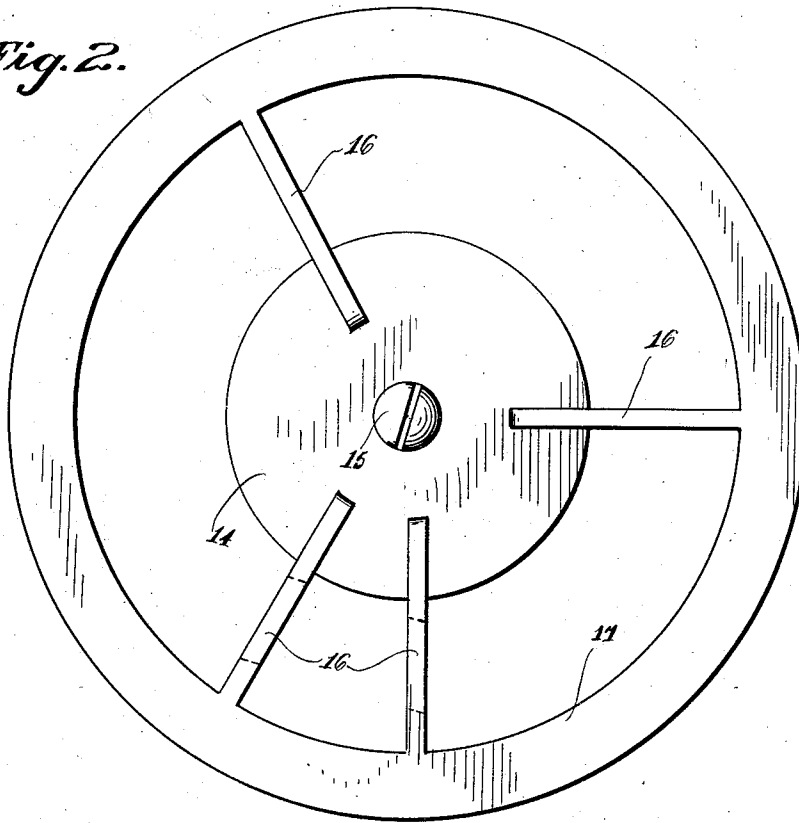


Fig. 3.

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UNITED STATES PATENT OFFICE.

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CURLING-IRON HEATER.

1,023,044.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed February 1, 1911. Serial No. 606,001.

To all whom it may concern:

Be it known that I, CHARLES P. SHINN, a citizen of the United States, residing at New York, in the county of Kings, State of New York, have invented certain new and useful Improvements in Curling-Iron Heaters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in curling iron heaters.

The primary object of said invention is to provide an attachment for Bunsen burners which may be conveniently utilized to heat a curling iron.

With the above and other objects in view the invention consists in certain constructions, combinations and arrangements of parts, clearly described in the following specification, and clearly illustrated in the accompanying drawings.

In the drawings:—Figure 1 is a side elevation of the iron support attached to a burner. Fig. 2 is a top plan view of said support. Fig. 3 is a detail view of said support removed from the burner.

The present invention contemplates providing a curling iron support which will have a cylindrical attaching cap somewhat similar to an ordinary mantle cap so that the support may be attached to the ordinary Bunsen mantle burners now in general use.

Further the invention contemplates providing a curling iron support which will have a ring above the curling iron supporting eyes to support a pan or the like so that the flame escaping through orifices in the cap may strike against the pan and be directed back upon the curling iron, and thus the curling iron heated quicker than usual and with less fuel than usual.

The invention still further contemplates removably attaching the cap to the ring so that when the cap becomes burned out it may be readily removed and replaced with a new cap at a minimum expense.

In the accompanying drawings, I have shown a curling iron support embodying my improvements attached to an ordinary Bunsen or mantle burner which comprises a cylindrical orificed intake chamber 10 which is designed to be attached at one end to the gas pipe, and from the opposite end of which extends a reduced cylindrical stem

11, this stem as usual being equipped at its outer end with a cylindrical mixing chamber 12 which is provided exteriorly with a bead 12', this bead limiting the movement of a mantle cap or the like when the burner is used for illuminating purposes. This burner is of the usual and well known kind and forms no part of the present invention.

The curling iron support forming the subject-matter of this invention consists of an attaching cap 12" which is open at one end, the open end of the cap being designed to fit on the mixing chamber and bear against the bead of the latter, this cap being preferably made of similar weight and material as an ordinary mantle cap. The cap is provided centrally with a circular series of openings 13 through which gas from the mixing chamber escapes.

For securing the curling iron, a circular plate 14 is concentrically arranged upon the closed end of the cap 12" and is removably secured thereto through the instrumentality of a screw bolt 15, registering openings being formed centrally in the closed end of the cap and in the circular plate for this purpose.

The plate is provided with a plurality of integral radially extending arms 16 which are integral at their outer end with a ring 17, this ring lying in parallelism with and being spaced a slight distance from the circular plate and being further of greater diameter than the plate. Two of the arms are provided with depending loops or rings 18, these loops being in register one with the other as clearly shown by dotted lines in Fig. 2 and being designed to receive the tines of an ordinary curling iron. The blue flame from the cap will play upon the tines and heat the iron. Now should a quick heating of the iron be desired, a metal dish, plate or the like may be placed upon the ring 17, the bottom of this dish serving as a baffle which prevents escape of the flames through the ring and causes the flames to be concentrated to a greater extent than usual upon the curling iron. In this manner a quick heating of the curling iron is promoted with minimum fuel.

By virtue of the cap being detachably connected to the circular plate 14, when the cap becomes burned out, it may be disposed of, and a new cap quickly applied to the plate with minimum labor and with minimum expense. It will be further noted

that a curling iron support of this kind, by virtue of the novel cap 12" may be applied to the ordinary Bunsen or mantle burners now in use without alteration of the latter.

5 I claim:—

1. A curling iron support including an orificed attaching cap, a plate removably secured to the closed end of said cap, arms extending outwardly from said plate, a ring
10 integral with the outer ends of said arms and arranged approximately in parallelism with and spaced from said plate, and a plurality of depending registering eyes on said arms positioned so that flame from the ori-
15 fices in said cap may play thereupon.

2. A curling iron support including an attaching cap provided with a series of

openings, a plate positioned on the closed end of said cap, a removable pin detachably securing together said plate and said cap, 20 arms projecting outwardly from said plate, a baffle supporting ring carried on the outer ends of said arms, and arranged approximately parallel with said plate, and depending eyes on said arms projecting between 25 said plate and said openings in the cap whereby flame from said openings may play upon said eyes.

In testimony whereof, I affix my signature, in presence of two witnesses.

CHARLES P. SHINN.

Witnesses:

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