Feb. 7, 1928.

1,658,399

C. M. STRICKLER

SADIRON HEATER

Filed Jan. 13, 1927

Fig. 1

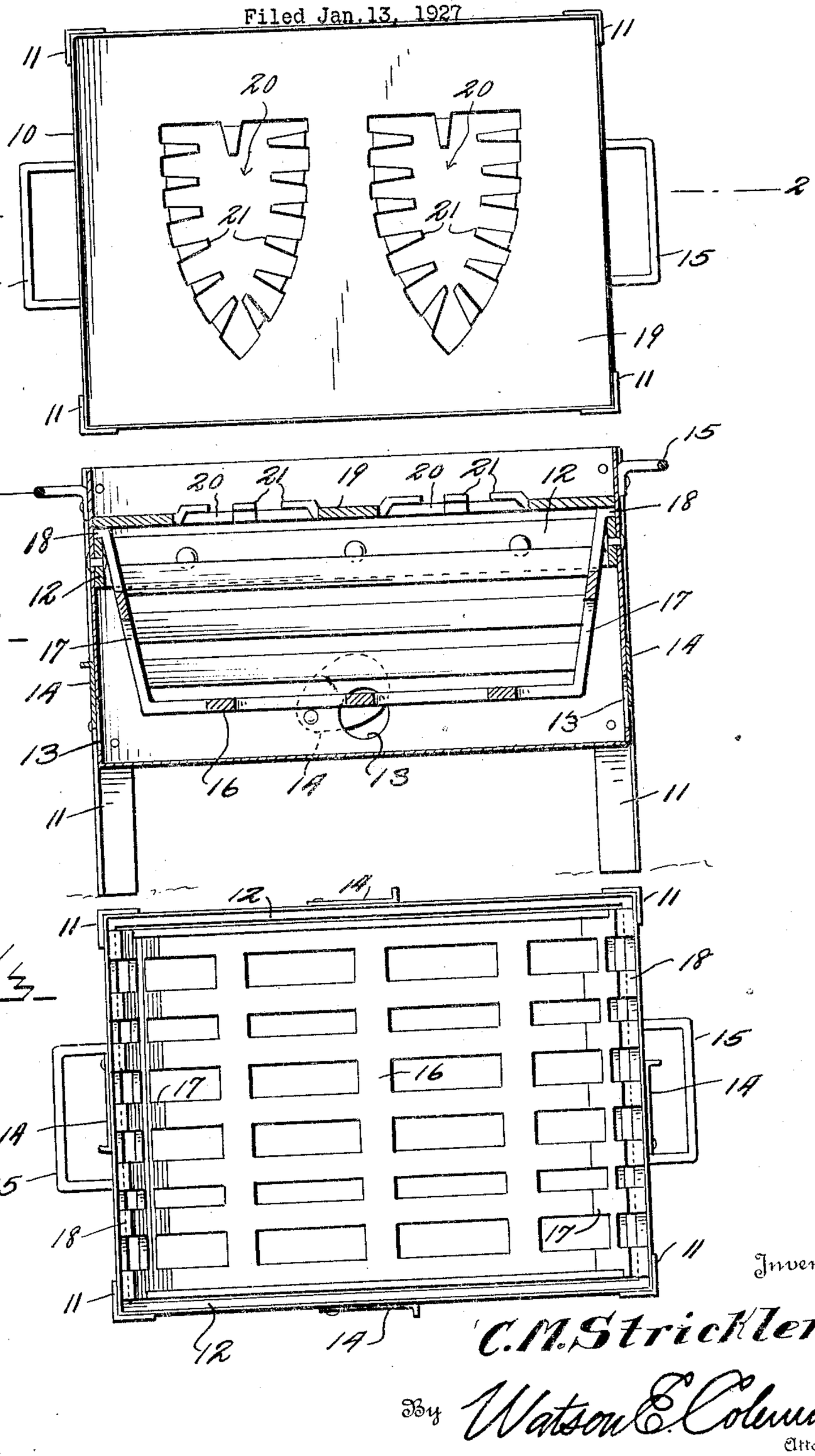

Fig. 2

Fig. 3

Inventor

C. M. Strickler

By Watson E. Coleman

Attorney

Patented Feb. 7, 1928. 1,658,399

UNITED STATES PATENT OFFICE.

CARY M. STRICKLER, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR TO AMERICAN SPECIALTY MANUFACTURING CORPORATION, OF NORFOLK, VIRGINIA.

SADIRON HEATER.

Application filed January 13, 1927. Serial No. 160,967.

This invention relates to iron heating devices and particularly to a heater peculiarly designed for heating sad irons and using charcoal, coke, or other like fuel for the purpose.

The general object of the invention is to provide a heater of this character which is very simple, may be cheaply constructed, and which is particularly effective for the purpose intended.

Another object is to provide a heater so constructed that a mass of charcoal or like fuel may be disposed within a basket and brought to a glowing or more or less incandescent condition and then the basket with its mass of heated charcoal disposed within the body of the heater and covered by a plate or equivalent member having means for supporting the sad irons thereon.

My invention is illustrated in the accompanying drawings wherein:—

Figure 1 is a top plan view of a heater constructed in accordance with my invention;

Fig. 2 is a vertical section on the line 2—2 of Figure 1;

Fig. 3 is a top plan view with the iron supporting plate removed.

Referring to these drawings it will be seen that the body of the heater which is designated 10 is rectangular in form to provide a bottom, ends and two side walls. The body of the heater is formed of thin sheet metal and is reinforced by the corner angle irons 11 which are riveted thereto and by the inner frame 12 which consists of one or more metallic strips formed to fit within the body 10 and being riveted or otherwise attached thereto below the upper edge of the body. The body on its four sides is provided with the draft openings 13, the draft through which may be controlled by the dampers 14 which are shown as pivoted upon the body. Handles 15 are riveted or otherwise attached to the end walls of the body.

Adapted to be disposed within the body and to be supported upon the frame 12, which constitutes a ledge, is a basket 16 which is of metal and open-work in character. Preferably this basket is cast, though I do not wish to be limited thereto, and the basket has upwardly and outwardly extending end elements 17 which at their upper extremities are angularly bent outward, as at 18, to engage over the upper edge of the reinforcing strip or band 12. Thus, the basket is supported within the body 10 with its bottom in spaced relation to the bottom of the body.

Adapted to be disposed over the basket 16 and be supported upon the upper ends of the members 17 is an iron support comprising a plate 19 which is of metal as, for instance, cast iron, this plate being formed with a plurality of openings 20 shown as two in number, having the general form of a sad iron, and the side walls of these openings being formed with the inwardly projecting lugs 21. As illustrated, these openings are semi-elliptical. Some irons, however, are elliptical in form and hence it is desirable to provide lugs 21 at the blunt end of each opening 20 which are longer than the lugs 21 at the pointed end of the opening so as to accommodate irons with both ends pointed.

In the use of this device, the basket 16 is to be filled to a certain extent with charcoal, coke, or any other fuel which may be adapted for the purpose, and the basket with its load of charcoal is disposed over a fire so that the charcoal will become ignited and more or less incandescent. When the charcoal has been brought to the proper degree of heat, the basket is lifted from the fire by tongs and disposed within the body 10. The plate 19 is then disposed over the basket, and, therefore, over the charcoal. The heat of the charcoal will be conserved and applied to the irons in the most effective manner. Ordinarily laundresses use three irons, one iron being in use and the other two heating and thus I have illustrated a heater which is adapted to heat two irons at a time but it will be understood that the heater might be enlarged to accommodate a greater number of irons if required or reduced so as to only heat one iron at a time. By pre-igniting the charcoal no smoke is given off which would tend to blacken the irons and the irons are heated in the best possible manner over a clear incandescent mass. By disposing the plate 19 below the upper edge of the casing 10, all danger of accidentally jarring or pulling the hot irons off of the heater is removed. If the plate 19 were flush with the upper edge of the casing, children might very readily pull the irons off the heater and severely burn them-

selves or do other damage, but by disposing the plate 19 below the top of the heater a direct upward pull must be exerted upon the relatively heavy iron in order to lift it off of the heater. The basket 12 is disposed with its upper margin relatively close to the top of the outer casing so that the basket may be raised by means of hooks and readily lifted out of the casing 10 or inserted into the casing, as desired, as thus the charcoal may be readily ignited. It will be seen that the whole structure is portable, that it may be readily handled to ignite a fire, that a fire supported within the basket as described and formed of charcoal or coke will maintain a steady heat for a very long time, and that the device may be used for cooking, if desired, when not used as an iron heater. The casing is made of sheet metal and the frame acts to reinforce this casing as well as acting to support the basket.

Obviously many minor modifications might be made in the details of construction and arrangement of parts without departing from the spirit of the invention as defined in the appended claims.

I claim:—

1. An iron heater of the character described consisting of a rectangular casing of sheet metal, legs of angle iron riveted to the casing at the corners thereof, a frame riveted to the walls of the casing on the inside thereof and below the upper edge of the casing, a basket having upwardly extending members angularly bent at the ends to engage over said frame, the basket being supported thereby in spaced relation to the bottom of the casing, and an iron support removably disposed over the basket and supported by the outwardly angled ends of the upwardly extending members of the basket, the iron support being disposed below the upper edges of the casting and having openings therein over which the irons may be disposed.

2. A heater for irons comprising a metallic casing, the interior of the casing having a ledge disposed adjacent the upper edge of the casing but below the top of the same and projecting out therefrom, a fuel basket removably supported within the casing in spaced relation to the bottom thereof and having its upper end formed to engage over said ledge whereby the fuel basket may be supported therefrom, the casing having manually controllable draft openings, and an iron support adapted to be removably disposed within the casing and upon the upper end of the basket, the top of the casing being open whereby the iron support may be lifted off through the top of the casing and whereby the fuel basket may be lifted out through the top of the casing.

In testimony whereof I hereunto affix my signature.

CARY M. STRICKLER.