Aug. 26, 1941. H. O. BERRY 2,254,134

COMBINED SHADE, LIGHT, AND TIMER

Filed May 29, 1940

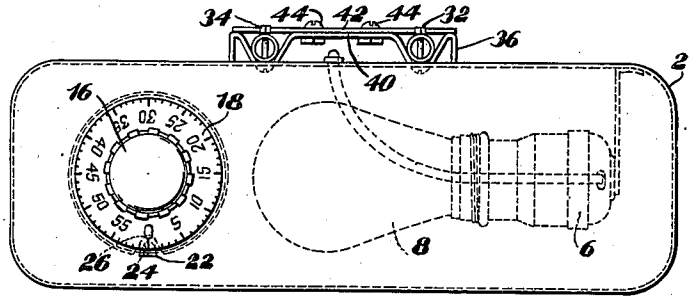
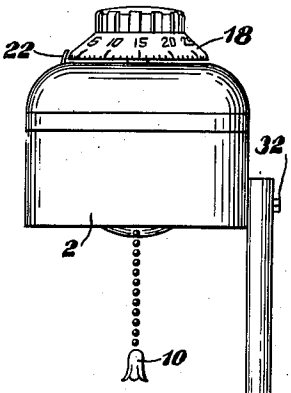


Fig. 2



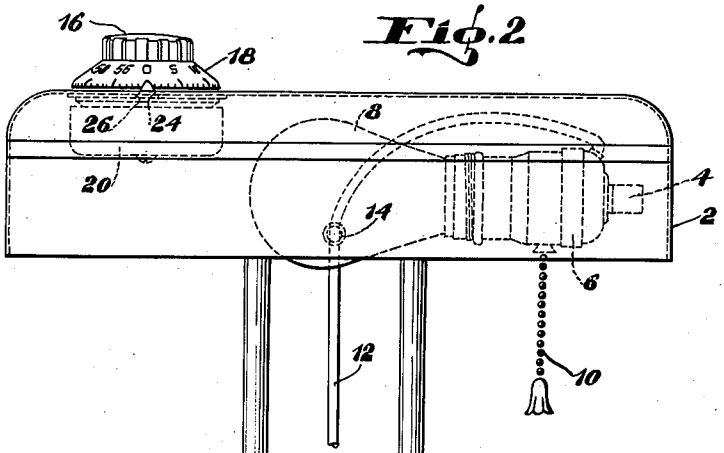


Fig. 1

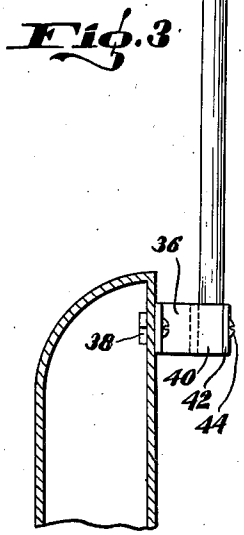
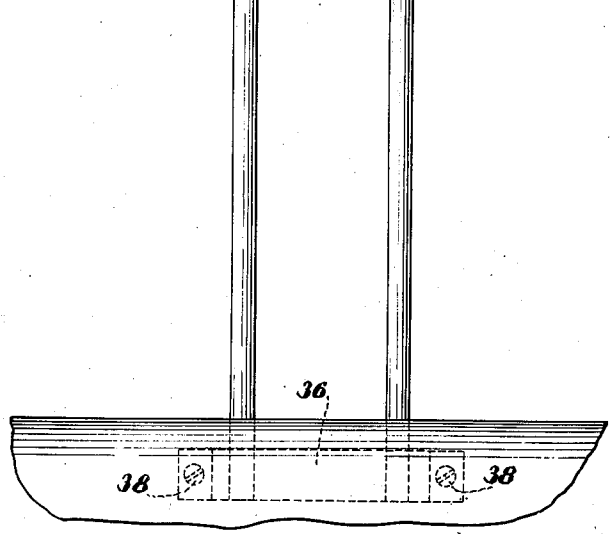


Fig. 3



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COMBINED SHADE, LIGHT, AND TIMER

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2 Claims. (Cl. 240—2)

This invention relates generally to stoves and is particularly concerned with the provision of a combined light and timer mechanism and means for mounting the same in an appropriate position.

The invention could, however, be used in other connections where suitable illumination and timing means are required.

One of the objects of the invention is to provide a single article of manufacture providing a shade suitable for the mounting therein of a light and a timing element and so constructed as to permit ready attachment to the stove or other unit with which it may be found convenient for use.

Another object of the invention is to provide a combined, shade, light and timer unit mounted on adjustable means which may be readily attached to a stove or other unit.

A further object of the invention is to provide a light shade arranged to reflect the light downwardly to a stove top, while at the same time providing means whereby the timer dial will be sufficiently illuminated to permit accurate operation in the absence of other room illumination.

Another object of the invention is to provide a non-transparent shade in which may be concealed a light bulb and socket and timer mechanism.

These and other objects of the invention will become apparent as the description proceeds with the aid of the accompanying drawing, in which

Fig. 1 is a front elevation of the device mounted on a stove back.

Fig. 2 is a plan view of Fig. 1.

Fig. 3 is a side elevation.

The device comprises a shade 2 closed at the top, sides and ends, and open at the bottom. The shade may be of metal, molded material, glass, or any other suitable substance. In the preferred form, the shade is of metal so that the various parts within will be concealed and the light will not shine in the eyes of the user, but instead will be reflected downwardly to the stove surface.

Attached to the rear inner wall near one end is a lamp supporting bracket 4 carrying on its other end an electric light socket 6 of the usual construction, which socket in turn has a lamp 8 mounted therein. The lamp is turned off and on by the usual pull chain 10, and power is supplied thereto by the electric cord 12, which may conveniently be passed through a hole 14 at the rear of the shade.

At the other end of the shade is mounted a timer 16, which in the form shown comprises a dial 18 and a clock and bell mechanism 20. The dial, as shown, is on the top of the shade, supported on a shaft extending upwardly from the clock and bell mechanism which is out of sight inside the shade.

The timer is of conventional construction, being arranged to provide through the medium of the bell a reminder to the user at the end of a selected period. That is to say, the timer dial, upon being turned to the right to a point indicating any selected number of minutes, will set in operation the clock mechanism 20, which will run for the selected time and at the end thereof will cause the bell to ring, thus indicating the end of a predetermined period.

It will be observed that a pointer 22 extends upwardly from the shade top surface to provide an indicator for use with the timer dial. The pointer 22 has been struck up from the material of the shade top, leaving a small opening 24 through the shade top surface. In order that this opening 24 may not be obstructed, the clock and bell mechanism is cut away, as at 26. The purpose of this construction is to permit a small finger of light to shine through opening 24 whereby the dial may be illuminated at the pointer location. Thus, even though the shade may be opaque, enough light will pass through opening 24 to permit the operator to see the numbers on dial 18 so that the timer may be intelligently operated.

The shade and associated parts are supported by two vertical rods 28 and 30, which at their upper ends are bolted to the rear of the shade by bolts 32 and 34. The lower ends of the rods are adjustably secured by clamp 36, which may be bolted as at 38 to the back of the stove or other unit with which the device is used. The clamp comprises a sufficiently strong strip of metal 40 bent to the form shown in the several figures and a clamping strip 42 which may be pressed tightly against rods 28 and 30 by the small bolts 44.

It is obvious that the vertical height of the unit may be adjusted as desired to throw the light downwardly in the most effective manner and to maintain the timer within convenient reach.

From the construction just described, it will be apparent that there has been provided a readily adjustable shade which effectively conceals both the electrical equipment and the clock and bell mechanism of the timer, at the same time keeping them both in a location where they may be most effectively used. Furthermore, special illumina-

tion is provided for the timer dial, which is particularly helpful where the shade is of metal or other opaque material.

I claim:

1. An article of manufacture comprising a shade, an electric light mounted therein and substantially concealed from view, a timer comprising a rotatable dial and operative mechanism mounted on said shade having the timer dial located on the outside of said shade and unconnected therewith and the operative mechanism mounted within and concealed from view by said shade, a pointer adjacent said dial, said pointer formed by material cut and bent upwardly from said shade, the opening left by said bent up pointer providing a small aperture through said shade whereby light may shine on said dial.

2. An article of manufacture comprising a shade closed at its sides and top and open at the bottom, a socket for receiving an electric light mounted therein and substantially concealed from view, a timer of the type comprising a rotatable dial and clock means for causing limited rotation thereof, said timer affixed to the top of the shade with the dial outside and visible and the clock means inside and invisible, a small aperture through said shade whereby light may shine directly on a small portion of said dial, a small pointer attached to said shade adjacent both said dial and said aperture, said pointer and aperture providing means for easily discerning the amount of rotation of said dial.

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