

(No Model.)

C. H. SHAW.

CLOCK HOLDING ATTACHMENT FOR GAS BURNERS.

No. 272,983.

Patented Feb. 27, 1883.

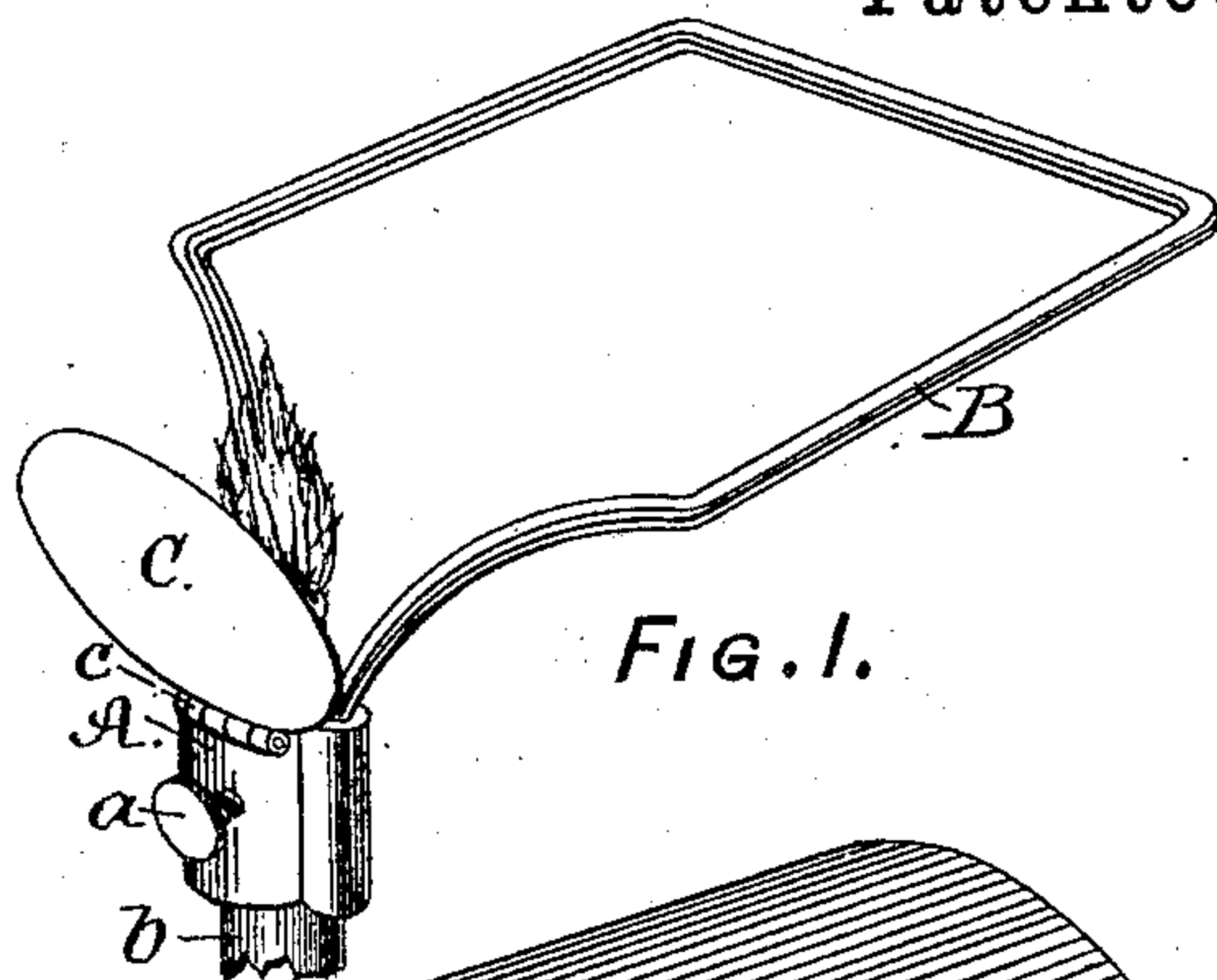


Fig. 1.

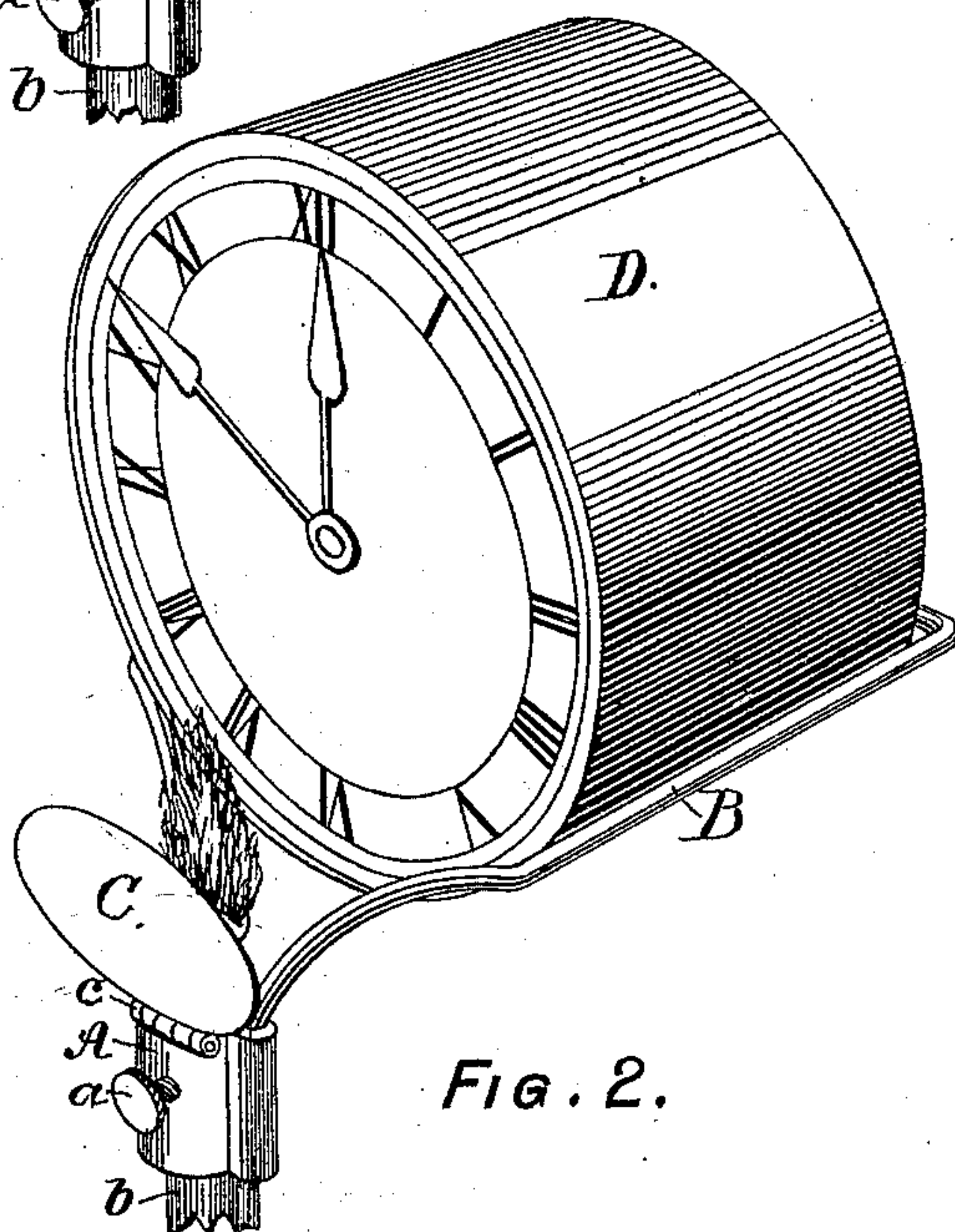


Fig. 2.

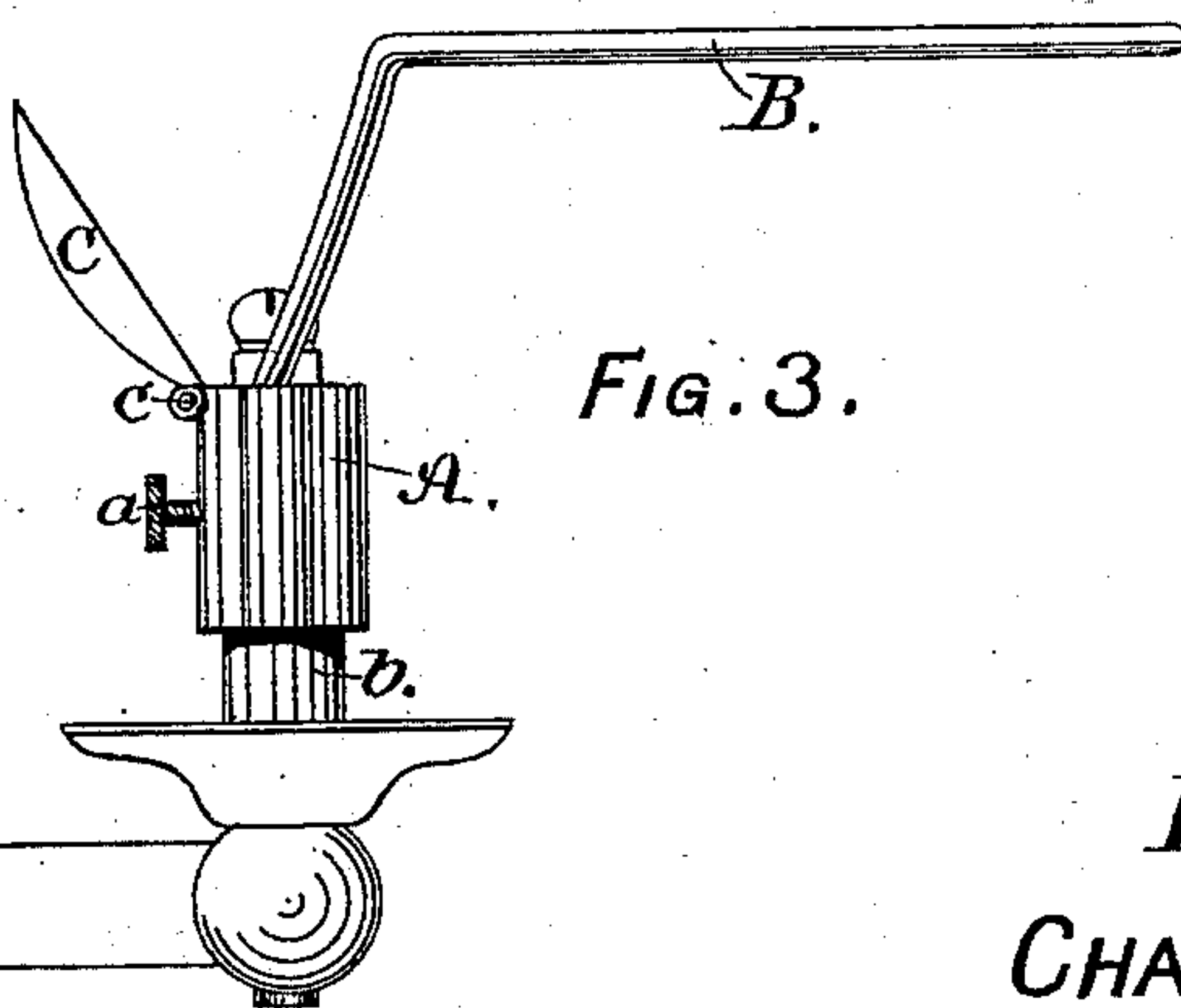


Fig. 3.

Witnesses,

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UNITED STATES PATENT OFFICE.

CHARLES H. SHAW, OF BROOKLYN, NEW YORK.

CLOCK-HOLDING ATTACHMENT FOR GAS-BURNERS.

SPECIFICATION forming part of Letters Patent No. 272,983, dated February 27, 1883.

Application filed May 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. SHAW, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful
5 Device for Attaching Clocks to Gas-Burners or other Illuminating Appliances, of which the following is a specification.

My invention relates to a device for holding a clock in such relation to a gas or other
10 illuminating-burner that the light from the burner will be reflected against the face of the clock with sufficient intensity to enable the time to be read at night, or when the room is in a condition of comparative darkness; and
15 it consists of a light frame-work adapted to be attached to a gas-burner, gas-fixture, or other illuminating device, and so arranged that a clock may be set into, suspended from, or attached to said frame in close proximity
20 to the light, and in such manner that the dial will be exposed to the light; and it further consists in combining, with the clock-holding device, a reflector adapted to reflect the rays of light against the face of the clock, and to
25 serve as a screen for shutting off the light from that part of a room toward which the face of the clock is turned.

In the accompanying drawings, which form part of this specification, and to which reference is made herein, Figure 1 is a perspective
30 view of my clock-holding device attached to a gas-burner; Fig. 2, the same, with a clock fixed in position; and Fig. 3, a side elevation of the holding device attached to a gas burner.

35 As represented in the drawings, A is a clamping-socket, adapted to attach to a gas-burner, b, and provided with a set-screw, a, for securing it in place and position; B, the frame or clock-holder, composed of wire, attached to
40 the socket A, and extending upwardly and laterally from said socket in such manner that a clock contained in the said frame will have its entire dial arranged above the plane of the upper end of the socket and at a short
45 lateral distance therefrom; C, a reflector, arranged in respect to the gas-burner b in such manner that the rays of light from said burner will be thereby reflected against the dial of clock contained in the holder B. For the
50 sake of convenience the said reflector is attached to the socket A, and, for the purpose

of adjusting it to any required angle in respect to the blaze from the burner, it is provided with a hinge-joint, c; but it is obvious that the reflector may be attached to the socket A
55 without said hinge-joint, and it is also obvious that such a reflector, made separate from the clock-holder, may be attached to any part of the gas-fixture, and arranged to lie in the same relative position in respect to the blaze and
60 clock-face as the one herein shown and described, and my invention includes such modifications. The reflector C, when arranged as herein set forth, serves as a screen between the light and the eyes of a person positioned
65 opposite the clock-face.

The clock D (shown in the drawings) is of the ordinary cylindrical-case variety, and is provided with an opaque dial, and said clock
70 will, from its position in respect to the light from the burner b, cause an overshadowing of all parts of the room lying behind it, and the darkness produced thereby will render the clock-face more discernable from a position in front of said clock.
75

My invention is designed to utilize an inexpensive class of clocks for use at night in sick rooms, nurseries, and other places where it is requisite or desirable to ascertain the time without keeping the room brightly lighted, and it
80 will be seen that with my device the light for this purpose is cast upon the face of the dial from the front of the clock, and in this respect it differs from the usual and expensive class of illuminated clocks used for the same purpose,
85 wherein the clock is composed of a very small movement placed behind a large transparent dial, and the light used for illuminating the apparatus is placed behind the clock, so that its rays of light will pass through the trans-
90 parent dial.

I claim as my invention—

1. In a detachable clock-holding attachment for gas-burners, the combination, with a clamping device, A, provided with a clock-holder,
95 B, constructed as herein described, and a gas-burner, b, of a reflector, C, arranged in relation to said clamping device and clock-holder, as and for the purpose herein specified.

2. In a detachable clock-holding attachment
100 for gas-burners, the combination, with a clamping device A, clock-holder B, gas-burner b,

and reflector C, all constructed and arranged in relation to each other, as herein described, of a separable clock D, having its dial arranged in relation to the gas-burner *b* and reflector C, as and for the purpose herein specified.

5 3. In a clock-holding device, the combina-

tion, with a clock-holder, B, and gas-burner *b*, of the hinged reflector C, as and for the purpose specified.

CHARLES H. SHAW.

Witnesses:

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