

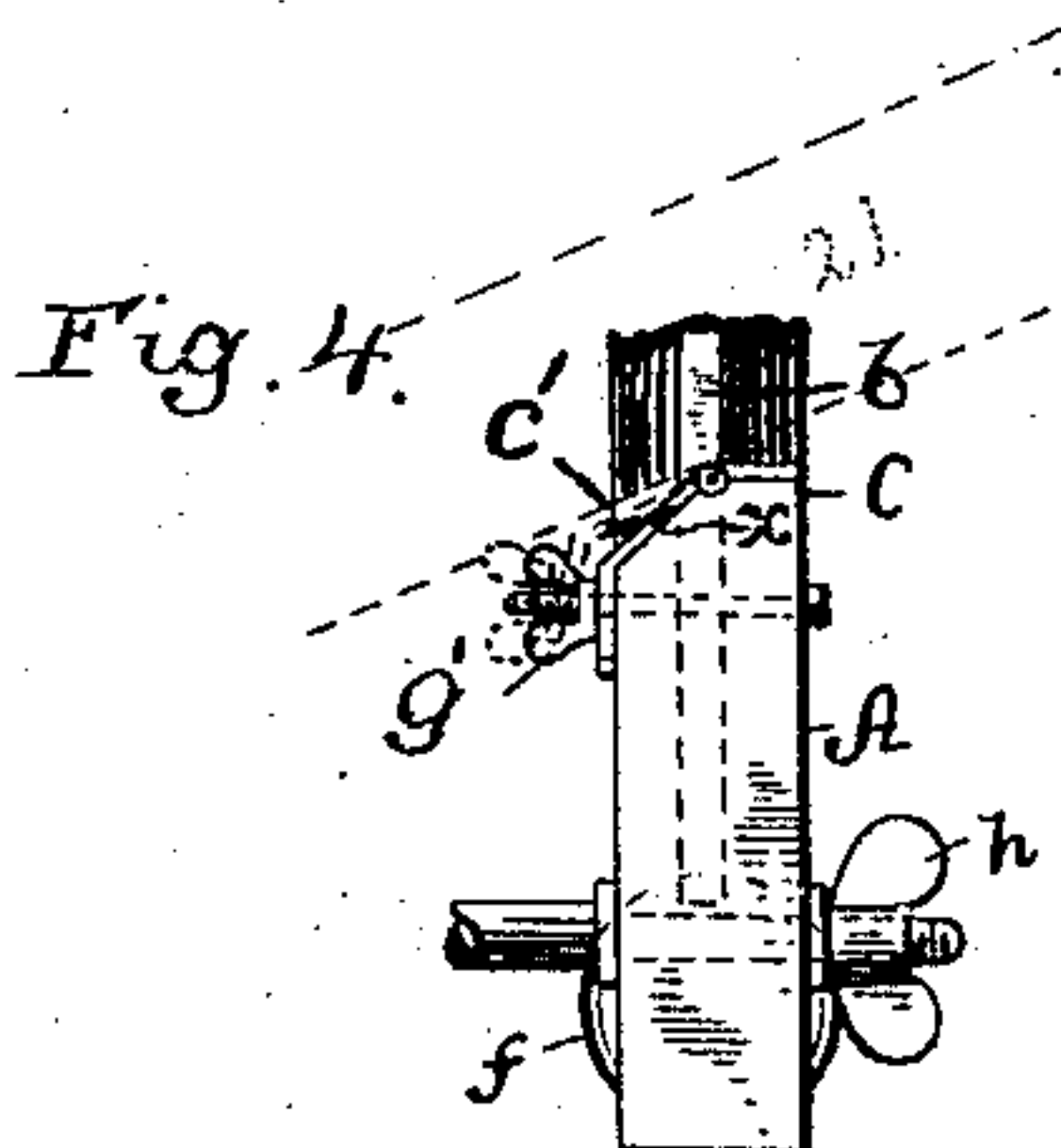
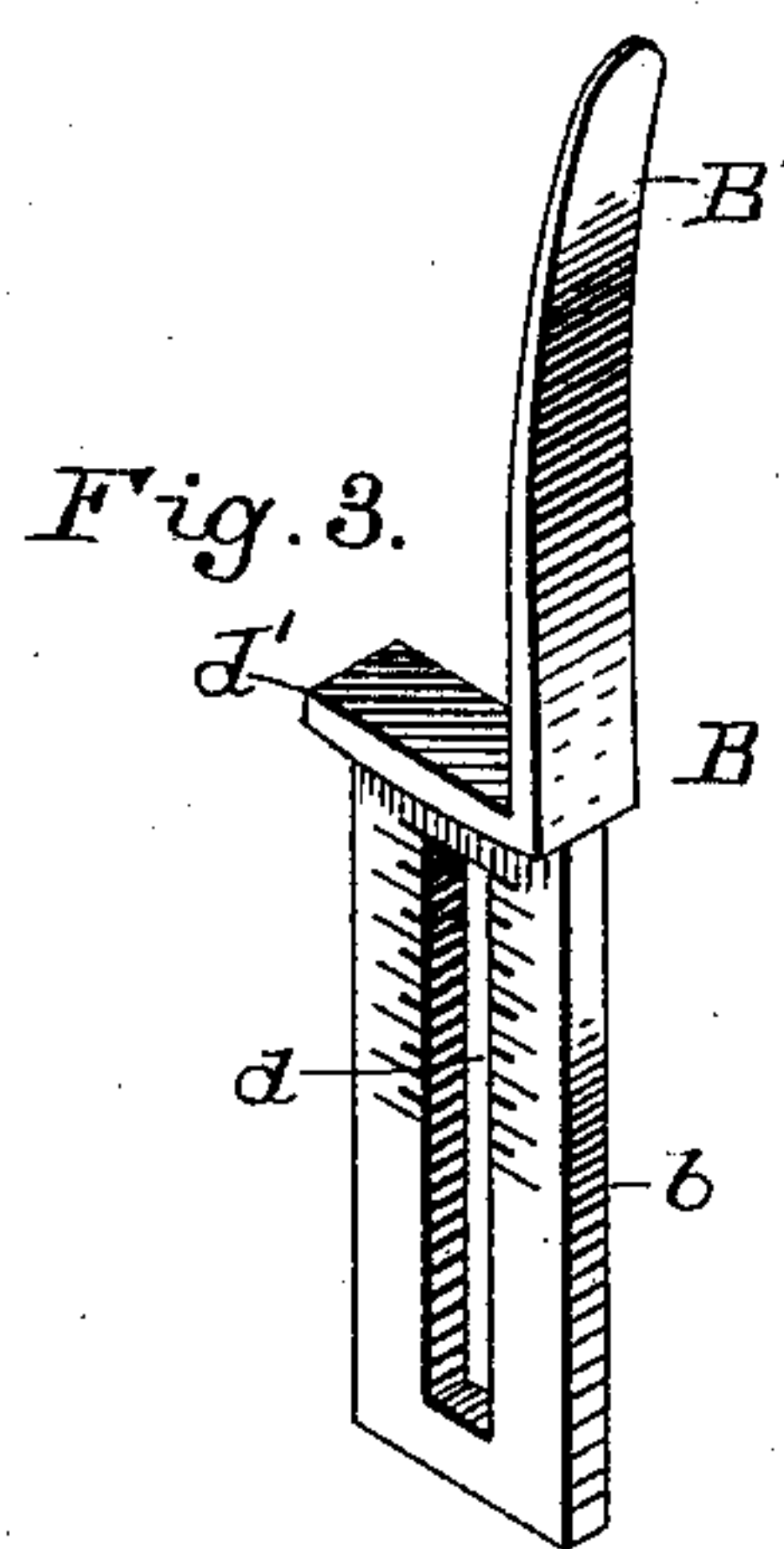
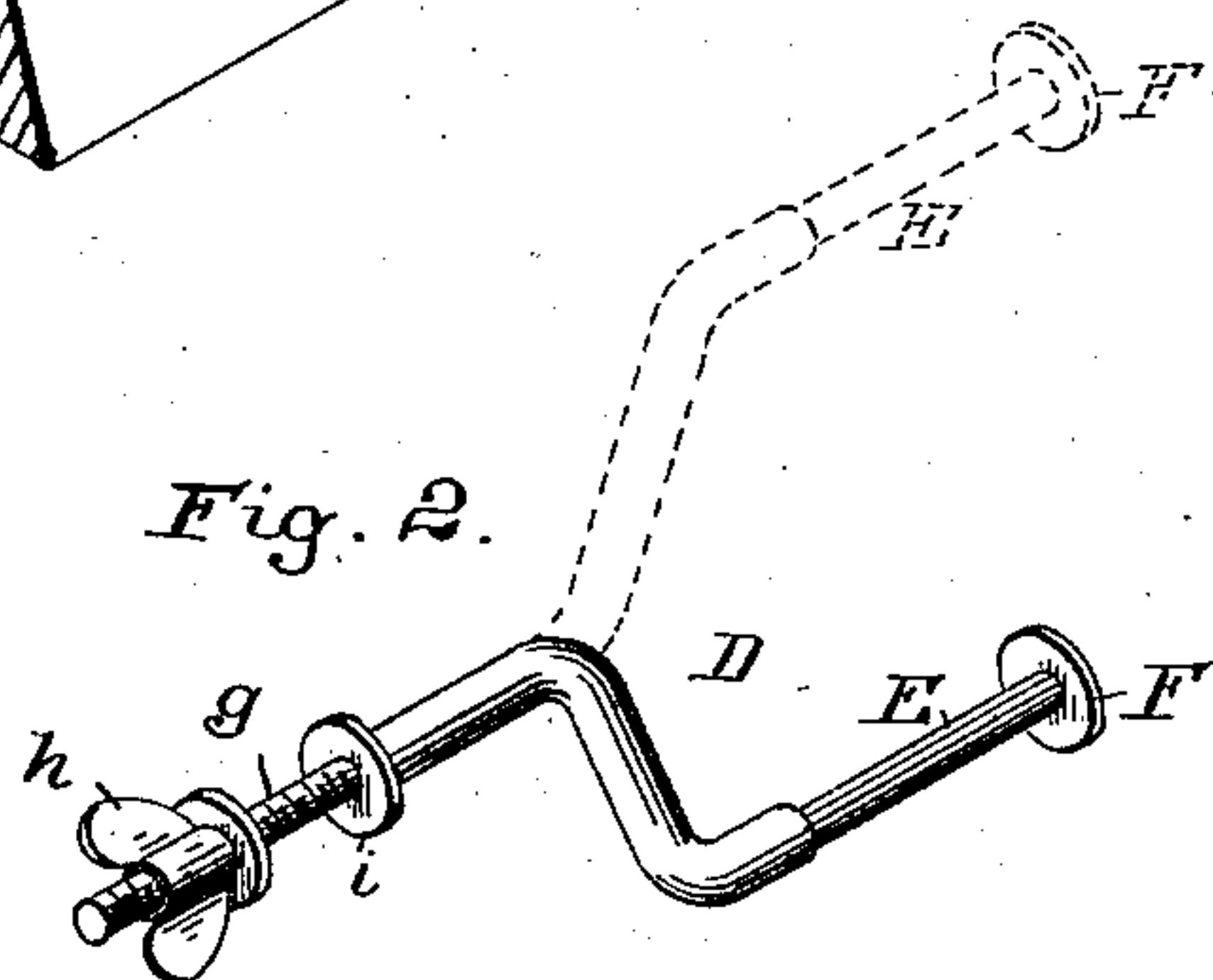
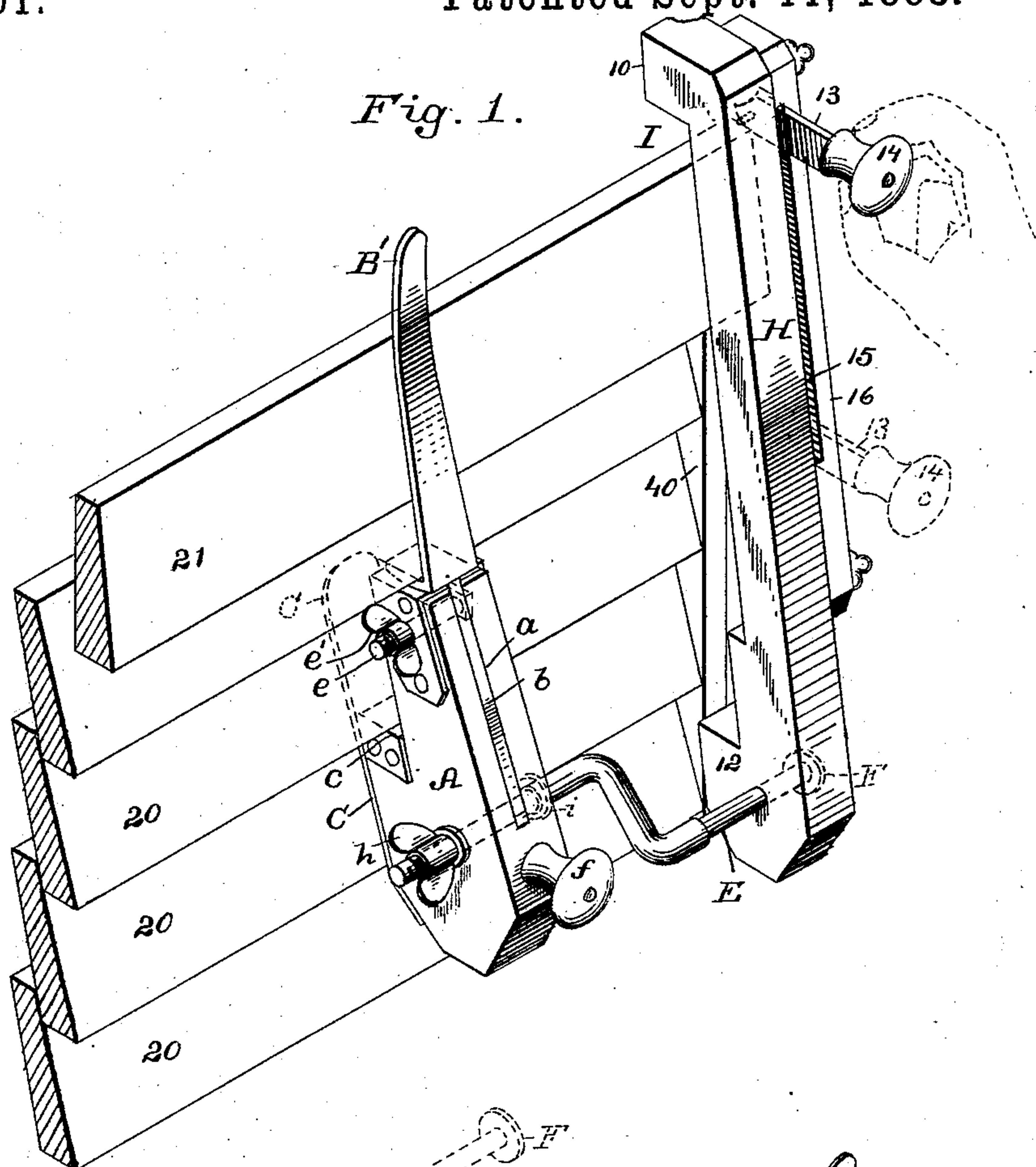
(No Model.)

B. B. CUTLER.

COMBINED SIDING HOOK AND GAGE.

No. 389,501.

Patented Sept. 11, 1888.



WITNESSES:

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BURNAM B. CUTLER, OF HOLT, MISSOURI.

COMBINED SIDING HOOK AND GAGE.

SPECIFICATION forming part of Letters Patent No. 389,501, dated September 11, 1888.

Application filed April 2, 1888. Serial No. 269,359. (No model.)

To all whom it may concern:

Be it known that I, BURNAM B. CUTLER, of Holt, Clay county, Missouri, have invented a certain new and useful Improvement in Combined Siding Hooks and Gages, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to that class of gages and supports for weather-boarding in which an upwardly-projecting flat hook or blade may be inserted up between the lower edge of a board and the board below it, and in which this hook or blade is provided with a suitable adjustable support for holding a board while being nailed to the frame of a house; and it consists in the peculiar construction, combination, and arrangement of devices hereinafter set forth, and pointed out in the claims.

In the drawings, which illustrate the manner of carrying out my invention, Figure 1 is a perspective view of my improved gage in operation. Fig. 2 is a detail view of an adjustable crank for holding the marker used in making up the invention. Fig. 3 is a detail view of an adjustable supporting-bar used in making up the invention; and Fig. 4 is a detail view from the rear of hand-piece, showing adjustable beveled shoulder used in making up the invention.

The letter A indicates the hand-piece of the gage, formed with a vertical slot, *a*, in its upper end for the reception of the body *b* of supporting-bar B, and having a portion of its body at its inner upper corner cut away, so as to form a shoulder, *c*, thereon, and it is provided with a knob or handle, *f*, at the outer edge of its lower end, by means of which latter said hand-piece may be manipulated.

Hinged to the shoulder *c* is an adjustable beveled shoulder, *c'*, which is adapted for use when it is desired to put on weather-boarding at an angle to the corner-pieces, as follows: The shoulder *c'* is first adjusted to the slant at which the siding is to be put on by means of set-screw *g'* and wedge *x*. The board is marked as above described. The gage is then turned until the shoulder *c'* comes in contact with the lower edge of the board under which the hook C projects. The shoulder *d'* of bar B' and projection 10 on the guide B

will then engage the lower and upper edges, respectively, of the siding, and will hold a board placed on at an angle securely in place while being marked or nailed.

Upon the inner edge of hand-piece A is located so as to project upwardly a flat hook, C, which is adapted to be forced up under the lower edge of a board.

The body *b* of supporting-bar B is slotted longitudinally, and the slot in said bar is adapted to slide on a bolt, *e*, passed through the upper end of handle A and through said slot, and provided with a thumb-nut, *e'*. Said supporting-bar is also provided at its upper end with a holding-shank, B', which is slightly bent outward at its upper end.

The marker H is loosely but permanently connected to hand-piece A by means of a crank, D. This crank is provided at one end with a screw-thread, *g*, and thumb-nut *h* and at the other with a round shank, E, and head F.

The threaded end is passed through the lower portion of hand-piece A, and may be turned therein and locked in position, as may be desired, for the purpose of adjusting the marker H up or down or for throwing its lower end farther in or out. This can be readily accomplished by simply loosening nut *h* and tightening it again. The inner edge of marker H has a recess, I, which forms projections 10 at its ends, which projections are adapted to be placed in contact with the corner board or casing 40 of the building during the marking operation. The projection 10 is also employed for aiding the shoulder *d'* of holding-shank B' in holding the board in place while being marked or nailed. It can be adjusted and held in place by employing crank D and set-screw *h*, in the manner above described.

Secured to the outer side of marker H is a recessed strip, 16, the recess in said strip forming a slot, 15, between it and the marker H, and a knife, 13, or other suitable marking device is secured by suitable means and adapted to be moved up and down in said slot, said knife being provided with knob or handle 14.

When the instrument is in operation, the supporting-bar B is first adjusted so as to bring the shoulder *d'* the desired distance from the lower edge of one of the stationary boards 20, the said distance being the distance from

the lower edge of one board to the lower edge of the board to be nailed on next; and when said supporting-bar has been thus adjusted and secured by means of thumb-nut *e'* the flat hook C may be inserted under the lower edge of a board at a suitable distance below the point where the next board is to be nailed, and which will securely hold the entire instrument in position until said hook is again withdrawn. A loose board, 21, is then placed upon supporting-bar B, its lower edge resting on shoulder *d'*, and the marker H is then placed in position against the corner board 40, and if the board is too long the knife 13 may be used for marking the place at which to cut it off. The hand-piece and marker being thus connected together and secured in position leaves both hands of the operator free to use other tools, and permits the usual loose gage or marker to be dispensed with.

Having thus described my invention, what I claim is—

1. In a siding-gage, a hand-piece and a marking-guide provided with a projection upon its free end which engages the siding, said marker and projection being adjusted by means of a crank which connects said hand-piece and said marker, substantially as described.

2. In a siding-gage, a hand-piece having a graduated adjustable supporting-bar, in combination with a marking-guide having a projection upon its free end adjusted by means of a crank connecting said hand-piece and said guide.

3. In a siding-gage, the combination of a hand-piece provided with a graduated adjustable supporting-bar and a marking-guide having a projection upon its free end adjusted by means of a crank connecting said hand-piece and said marker, said crank being held in any desired adjustment by means of a set-screw, substantially as described.

4. In a weather-boarding gage, a marking-guide and supporting devices adjustably connected together by means of a rotary screw-threaded crank, substantially as described.

5. In a weather-boarding gage, the combination of a hand-piece, a marking-guide, and a rotary and adjustable crank which connects these parts together, substantially as described.

6. In a weather-boarding gage, the combination of the hand-piece provided with a hook, the supporting-bar adjustably mounted upon said hand-piece, the marking-guide, and the screw-threaded crank, by means of which said hand-piece and said marking-guide are adjustably connected together, substantially as and for the purpose set forth.

7. In a weather-boarding gage, the hand-piece A and adjustable beveled shoulder *c'*, hinged to shoulder *c*, substantially as and for the purpose set forth.

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

BURNAM B. CUTLER.

Witnesses:

S. S. MOREHOUSE,
J. C. HIGDON.