

No. 676,150.

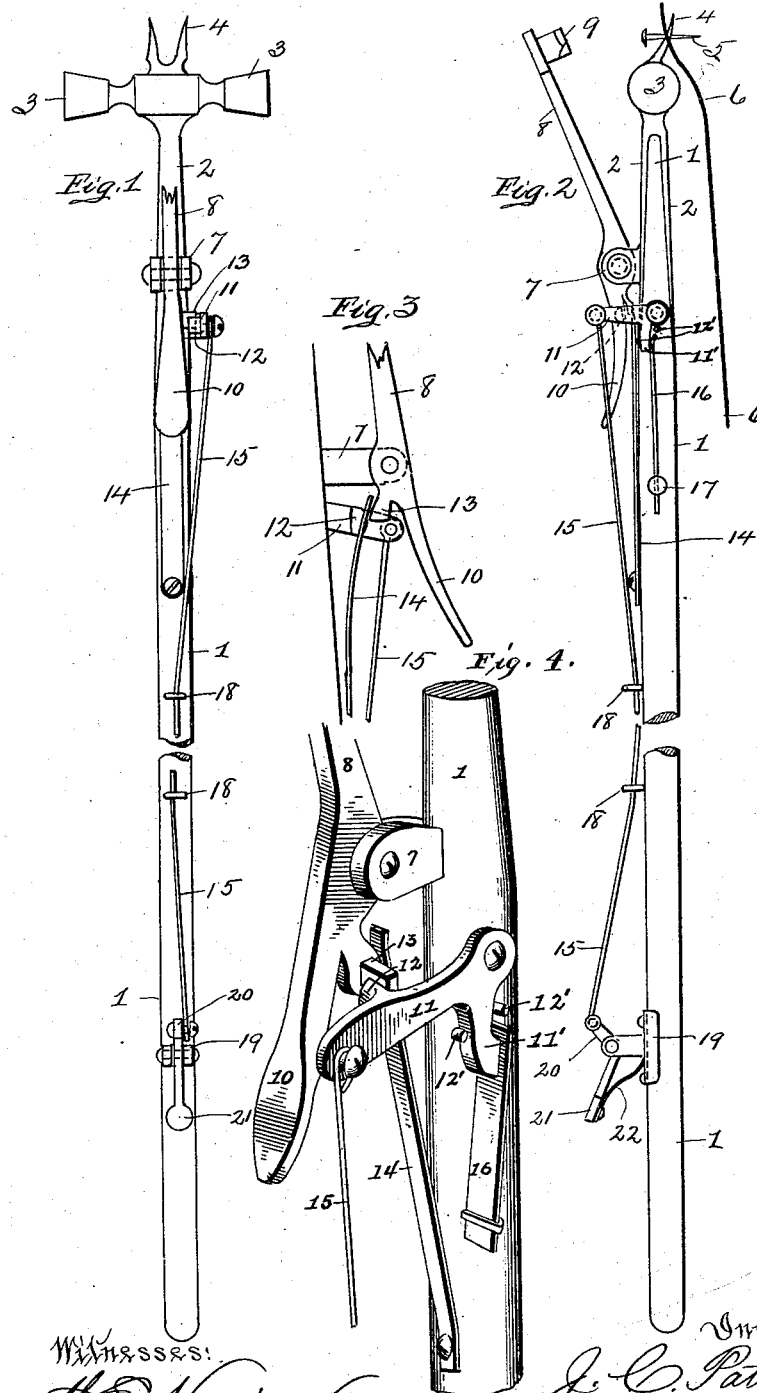
Patented June 11, 1901.

J. C. PATTERSON.

DEVICE FOR ATTACHING BILLS, POSTERS, &c., TO WALLS.

(Application filed June 28, 1900.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

JOSEPH C. PATTERSON, OF MEADVILLE, PENNSYLVANIA.

DEVICE FOR ATTACHING BILLS, POSTERS, &c., TO WALLS.

SPECIFICATION forming part of Letters Patent No. 676,150, dated June 11, 1901.

Application filed June 28, 1900. Serial No. 21,975. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. PATTERSON, a citizen of the United States of America, residing at 785 Park avenue, Meadville, in the county of Crawford and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Attaching Bills, Posters, &c., to Walls; and I do hereby declare the following to be a full, clear, and exact description thereof reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to an improved device for attaching bills, posters, &c., to walls and other objects; and it consists in certain details of construction and combination of parts, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is a front elevation of my improved device, which is constructed and arranged in accordance with my invention, the said view having a portion of the spring-actuated hammer removed, the better to show the parts beneath. Fig. 2 is a side elevation of the same. Fig. 3 is a detailed side view of a portion of the latch. Fig. 4 is an enlarged perspective view of the latch mechanism and a part of the pole or handle and spring-actuated hammer.

To construct a device in accordance with my invention, I provide a suitable pole or handle 1 and fit the same at the top with a double-headed hammer 3 by means of suitable integral straps 2. This hammer is provided with upwardly-projecting claws 4 to engage with the bill, poster, or sheet of paper 6 it is desired to tack to the wall or other overhead object. Pivoted in suitable bearings 7, formed on one side of the strap 2, is a spring-actuated hammer, which consists of the bar 8, the handle portion 10, and the head 9, the said head being arranged in line and adapted to strike between the fork of the claws 4 above mentioned. The head of the hammer is magnetized for the purpose of holding the tacks to be driven. Pivoted in a suitable position and at one side of the handle portion of the hammer is a latch mechanism to hold the hammer 9 under tension of a strong spring 14. This mechanism consists of a pivoted lever 11, having a dog 11',

which is engaged by a spring 16, held, as at 17, to the pole 1. This lever 11 also carries a projecting lug 12, which is adapted to engage with a lug 13, carried by the handle portion 10 of the bar 8. The movement of the lever 11 is limited by two stop-pins 12', secured in the pole 1 on either side of the dog 11'. Connected to the free end of the lever 11 is a rod 15, which extends downward along the pole through a suitable number of eyelets or guides 18 and is attached to the short arm 20 of a bell-crank, that is mounted in a bearing 19, secured to the pole near the lower end thereof. The long arm 21 of this bell-crank is engaged by a spring 24.

In operation the paper, bill, or poster 6 is engaged by the claws 4, as shown in Fig. 2. The handle portion 10 of the spring-actuated hammer is pressed downwardly, causing the lug 13 to engage with the lug 12 of the lever 11 and move this lever on its pivot sufficiently to permit the lug 13 to pass the lug 12, at which time the spring 16 returns the lever 11, so as to cause the engagement of the lug 12 on top of the lug 13, and thus hold the hammer under the pressure of its spring 14.

It will be observed that the movement which is imparted to the lever 11, either when being actuated by the engagement of the lugs or when being returned by its spring 16, is limited by the stop-pins 12'.

The top face of the lug 12 is beveled, so that the lug 13 as it engages the same will move the lever 11 sufficient to permit the lugs to pass one another and the under face of the lug 12 to engage with the top face of the lug 13. When the bill or poster has been placed at the position in which it is desired to secure the same, the operator depresses the arm 21 of the bell-crank, and thus by means of the rod 15 operates the lever 11, so as to withdraw the lug 12 from its engagement with the lug 13, and the spring 14 actuates the hammer, so as to drive the tack that has been previously placed on the magnetized head 9 of said hammer.

The double-faced hammer 3 is used for further driving the tack 5 should the same not be set from the blow of the hammer 9.

Various slight modifications and changes

may be made in the details of construction without departing from the spirit of the invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a device of the character described, the combination with the pole or handle, carrying claws to engage and support the bill or poster, of a spring-actuated hammer pivoted to the pole or handle and provided with a magnetized head adapted to strike between the claws, said spring-actuated hammer having a handle portion, a spring secured at its one end to the handle or pole with its other end engaging the said handle portion for holding the spring-actuated hammer under tension, a lever pivoted to the side of the pole or handle and provided with a lug for en-

gagement with the spring-actuated hammer to hold the latter under tension of its spring, a spring 16 for engagement with said pivoted lever to hold its lug in engagement, a spring-held bell-crank mounted on the handle or pole near its lower end, and a rod pivotally connected to said bell-crank and pivoted lever whereby when the rod is actuated by the bell-crank, the pivoted lever is disengaged from the spring-actuated hammer and the latter is free to deliver its blow under tension of its spring, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

JOSEPH C. PATTERSON.

Witnesses:

WALLACE C. CHADMAN,
SIG. J. F. HAHN.