

G. B. Paine.
Pegging Awl.

N^o 87,062.

Fig. 1. Patented Feb. 16, 1869.

Fig. 3.

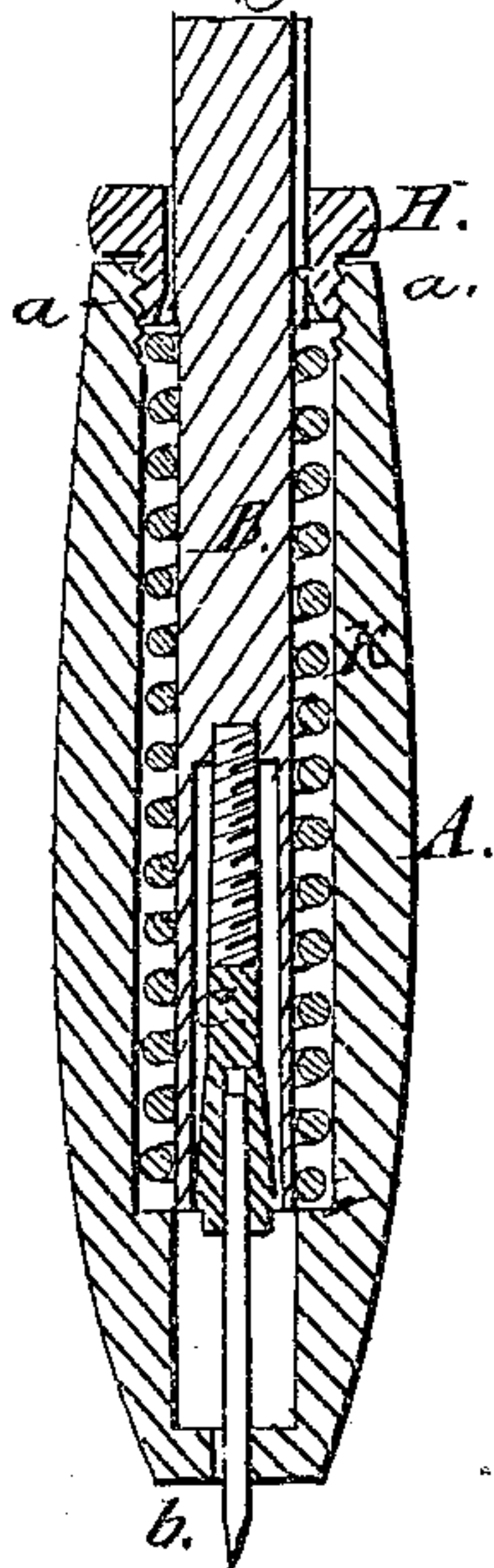


Fig. 4.

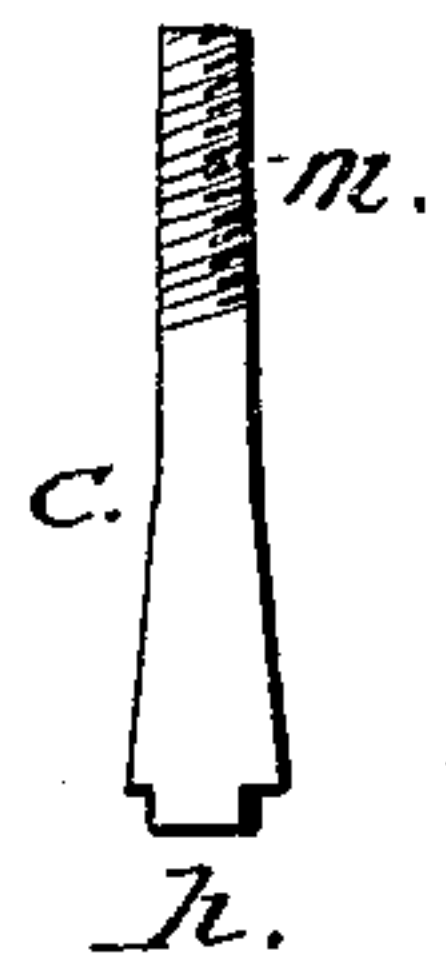
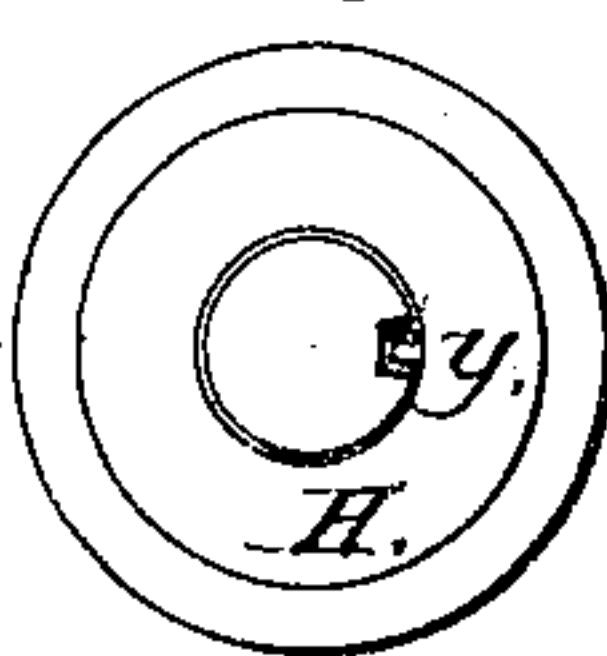


Fig. 2.



Witnesses:
J. Smith
A. G. Hyman

Inventor:
G. B. Paine
Chipman Hosmer & Co.
attorneys

United States Patent Office.

GROVENOR B. PAINE, OF MONTPELIER, VERMONT.

Letters Patent No. 87,062, dated February 16, 1869.

IMPROVED PEGGING-AWL.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, GROVENOR B. PAINE, of Montpelier, in the county of Washington, and State of Vermont, have invented a new and valuable Improvement in Pegging-Awls; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a sectional view of my pegging-awl;

Figure 2 is a view of the cap or nut; and

Figures 3 and 4 are details.

My invention relates to that class of pegging-awls, for shoemakers' use, in the handle of which a spring is adjusted for the purpose of regulating the movements of the awl, and withdrawing the same from the leather after its office has been filled.

The invention consists mainly in providing better means than have heretofore been devised for adjusting the awl in the handle, and also for adjusting and holding the spring in its proper place.

The letter A, of the drawings, represents a hollow metallic cylinder, with a thread cut on its inner side, from the top downward, about half an inch, as shown at *a*, and also having a small aperture at its lower end, adapted to the size of the awl proper, as shown at *b*.

The letter B, a circular bar, adjusted inside of cylinder A in the manner shown, its upper end being formed with a shoulder, *c*, and a groove, *d*, as represented on fig. 3. The lower end of this bar is hollowed out, as shown on fig. 1, and has a thread cut therein, adapted to the screw on holder C, hereinafter mentioned.

The letter C represents a holder for the awl proper. It is formed with a quadrangular opening, adapted to

receive the but of the awl, and it is also slitted upward from the bottom, about two-thirds its length, that it may be opened sufficiently to loosen the awl at will. This slit is marked *h* on the drawings.

The letter *m* represents a screw, cut on the upper end of holder C, adapted to the thread on bar B.

The letter H is a nut, of the form shown on fig. 2. It has a screw-thread on its outer surface, below the shoulder, adapted to a similar thread on the inside of cylinder A, as shown on fig. 1. It has also a guide, marked *y*, adapted to work in the groove in bar B, the whole so arranged that the said bar is forced to move with the nut.

The letter K is a spiral spring, adjusted around the bar B, its lower end resting upon a shoulder in the cylinder A, and its upper end resting against the shoulder on bar B.

These several devices enable me to adjust the awl in the handle in such manner as to give it perfect freedom of action up and down, while, at the same time, it is held securely in its place. They also serve to hold the spring K in its proper position, and to loosen or tighten the same at will.

What I claim as my invention, and desire to secure by Letters Patent, is—

The nut H, with its guide *y* and grooved bar B, in combination with the cylinder A, holder C, and spring K, constructed and operating substantially as specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

GROVENOR B. PAINE.

Witnesses:

DENNIS LANE,

MAHLON TAPLIN.