

(No Model.)

J. B. MITCHELL.
COMBINED HAMMER AND SCRAPER.

No. 433,740.

Patented Aug. 5, 1890.

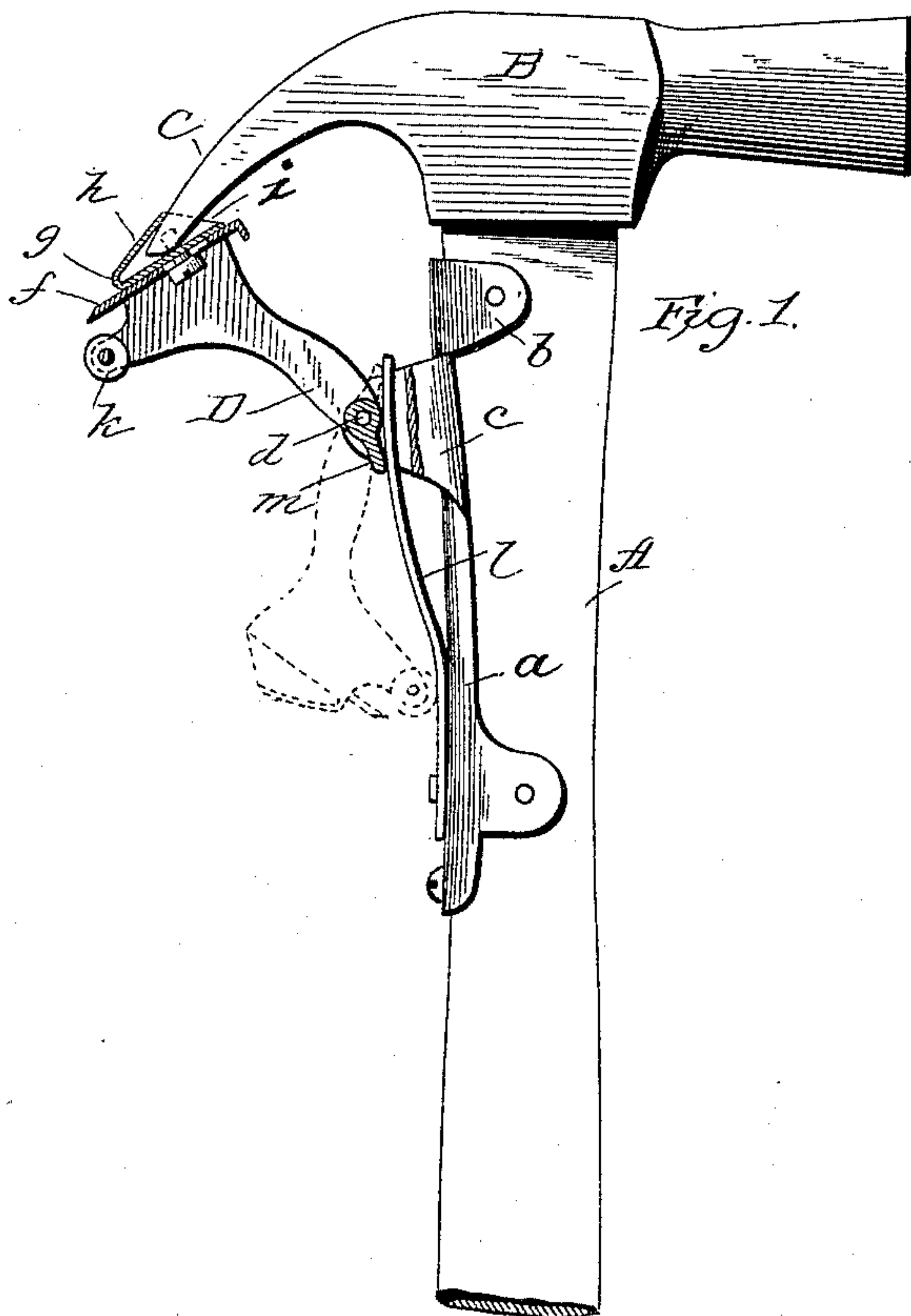
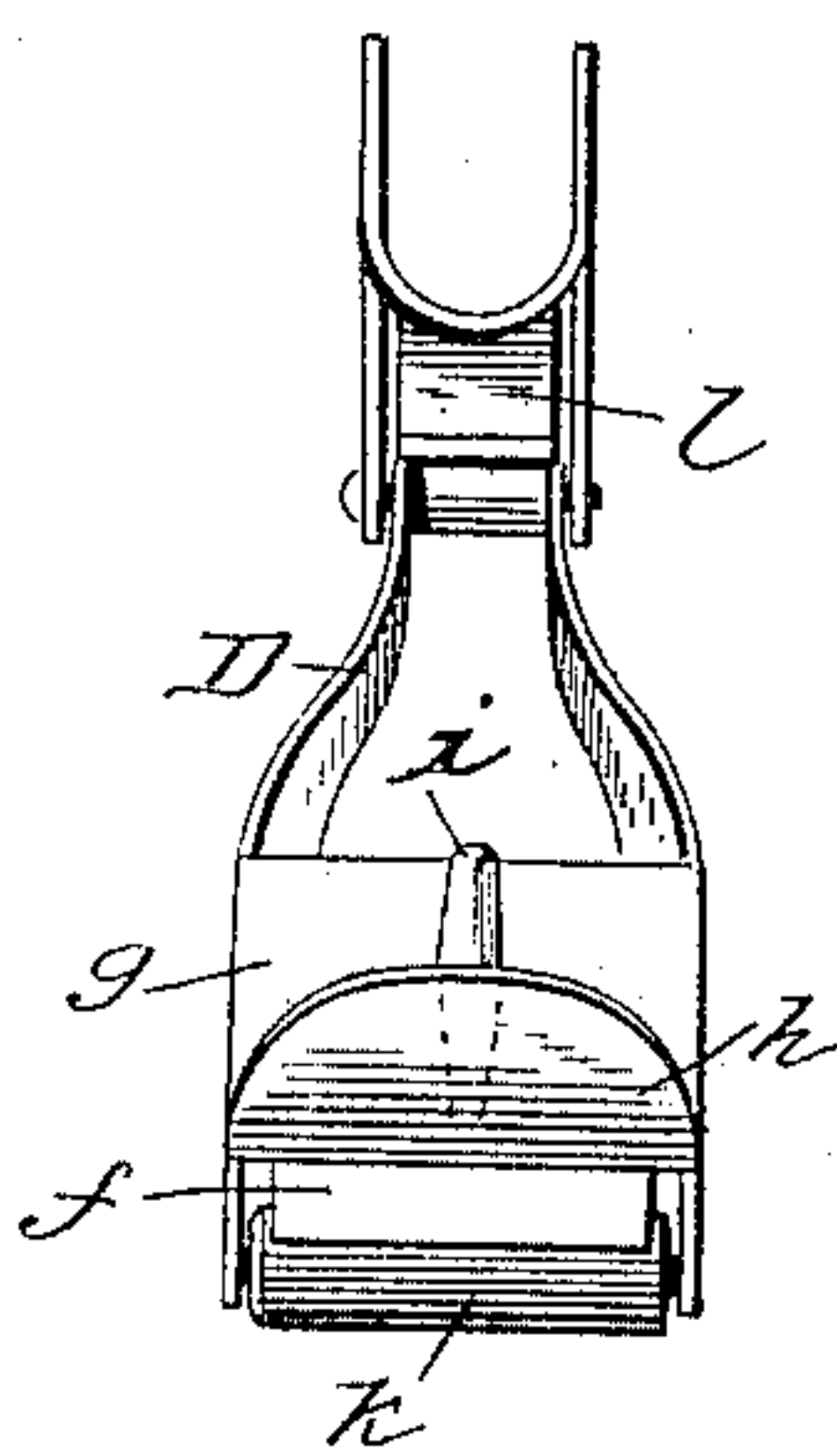


Fig. 2.



Attest
Walter Mason
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by Wm. L. Spar
ATTY.

UNITED STATES PATENT OFFICE.

JOHN B. MITCHELL, OF PORTLAND, MAINE, ASSIGNOR OF ONE-FOURTH TO
FRANKLIN J. ROLLINS, OF SAME PLACE.

COMBINED HAMMER AND SCRAPER.

SPECIFICATION forming part of Letters Patent No. 433,740, dated August 5, 1890.

Application filed March 19, 1890. Serial No. 344,498. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. MITCHELL, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in a Combined Hammer and Scraper; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an attachment for a hammer, which, while not impairing the efficiency of the hammer in any way, increases its usefulness by adding thereto a scraper adapted particularly for use in the removal of names and addresses from packing-boxes preparatory to reshipment. It may also be found desirable in other situations.

I contemplate making the attachment separate and placing it on sale as an article of manufacture adapted to be connected to the hammers as ordinarily made; but it will be understood that the attachment may be connected to the hammer at the time of the manufacture, and thus the article be placed upon the market as a combined hammer and scraper.

In the accompanying drawings, Figure 1 represents an ordinary hammer having my attachment connected thereto, ready for use, showing in dotted lines the scraper thrown back out of the way, and Fig. 2 is a detail view of the attachment separate from the hammer.

In the drawings, A represents the handle of the hammer, and B the hammer-head, the claw being shown at C. These parts are all of ordinary construction.

My improved attachment is, as shown in Fig. 1, secured to the handle of the hammer; and it consists of a base-plate *a*, which may be made of cast or malleable iron, having lugs *b*, which are secured to the sides of the hammer-handle. Lugs *c* extend in an opposite direction from the lugs *b*, and openings therein serve as bearings for a pivoting-pin *d*, which supports the end of a yoke *D*, the outer end of this yoke carrying the cutting and scraping blade. This yoke, as shown in Fig. 1, carries the blade *f*, which is adjustably supported by means of a set-screw to the plate *g*, which connects the two sides of the yoke.

The outer end of this plate is bent back at an angle, as shown at *h*, and between the two plates a wedge-shaped space is formed, into which the ends of the claws project when the cutter is in place. A central rib *i*, between the two plates, extends up into the slot between the claws.

The cutting-blade, while shown of ordinary construction, may be of any improved construction. Supported in the walls of the yoke is a roller *k*, which is immediately in advance of the knife and serves as a bearing to direct the knife in its work and free the cutter from chips, and while this is desirable for obvious reasons, still it may be dispensed with and the judgment of the user will guide him in the depth of cut. A spring *l* bears against a projection *m* on the hub of the yoke, and in the position shown in Fig. 1 this spring-pressure keeps the yoke in place and prevents its displacement, while it will be seen that in the operation of the cutter the pressure is sustained by the hammer-claws.

When it is desired to use the claw part of the hammer for ordinary purposes, the yoke is simply swung back until the projection on its hub has passed the center of the pivot, when the spring will act upon it to maintain it in the position shown in dotted lines.

In operating the cutter the handle is grasped with one hand and the head of the hammer with the other, thus providing practically two handles, so that the full force of the user may be exerted in the operation of the device as a cutter.

I do not limit myself to the connection of the attachment to the handle, as in some cases it may be connected to the hammer itself.

Having thus described my invention, what I claim is—

1. In combination with a hammer, an attachment therefor consisting of a scraping or cutting device having a pivoted connection with the hammer and adapted to engage with the claws thereof in use, and to be disengaged therefrom when the hammer is to be used for ordinary purposes, substantially as described.
2. In combination with a scraping attachment having angular pockets adapted to engage with the claw part of the hammer, the

head of the hammer adapted to be used as one handle and the ordinary handle as the other, substantially as described.

3. In combination with a hammer, a scraper
5 or cutter having a pivoted connection with the hammer, and a spring for holding the same in position, substantially as described.

4. A scraping attachment for a hammer,
10 consisting of a base-plate, a pivoted yoke carrying a cutting-blade, and a roller supported in advance of the blade, substantially as described.

5. In combination with the hammer, a yoke carrying a scraping-blade, and angular pockets formed in the end of the yoke adapted to
15 receive the claws of the hammer, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN B. MITCHELL.

Witnesses:

F. L. MIDDLETON,
CHARLES F. SPEAR.