

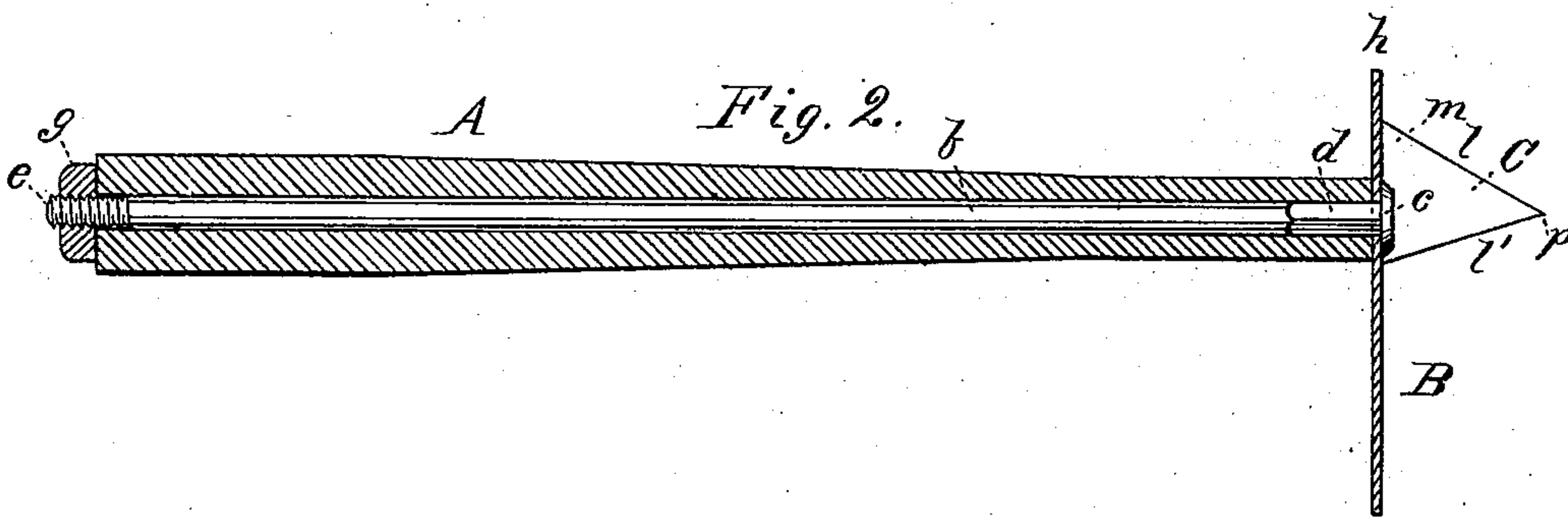
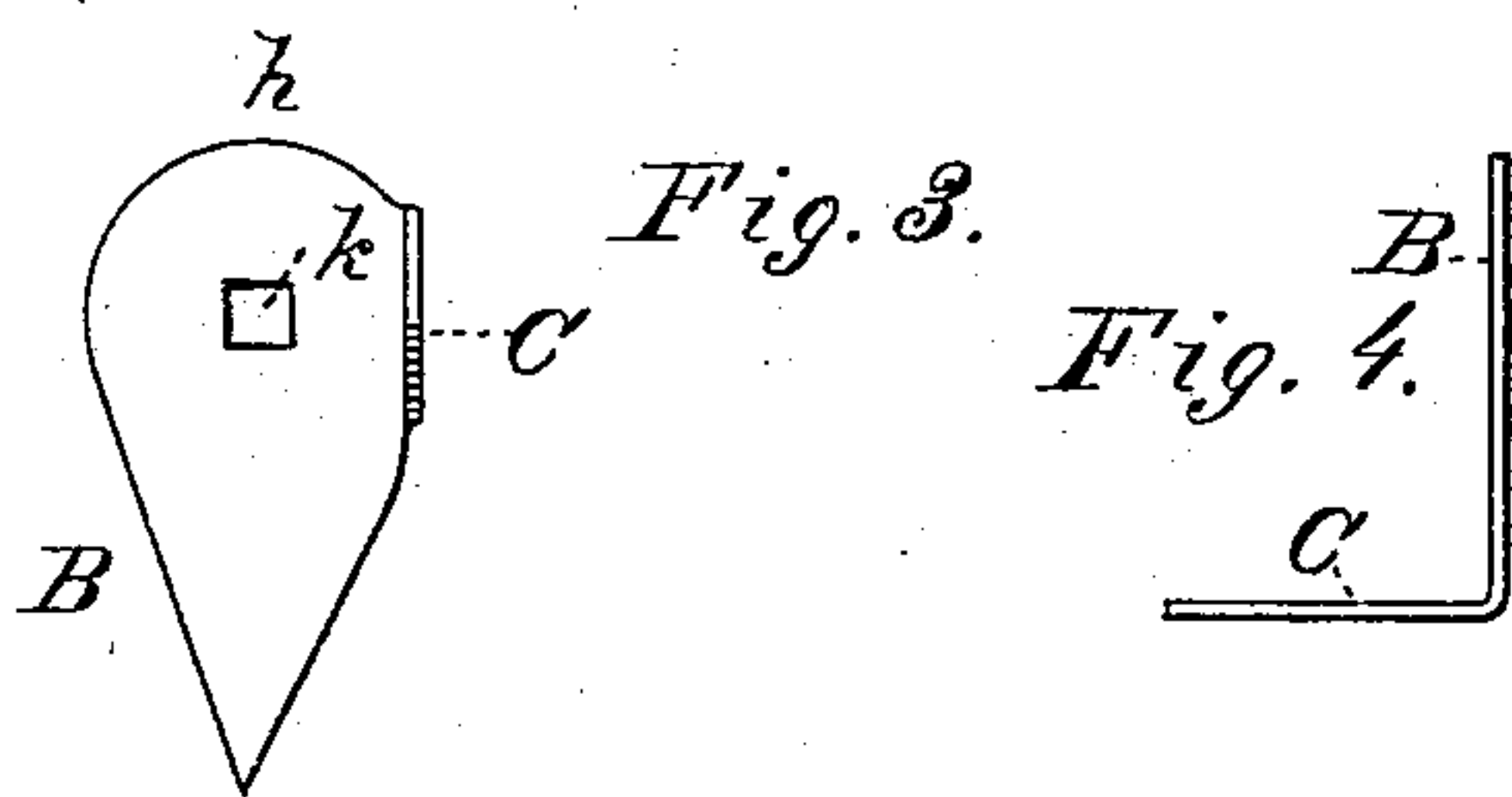
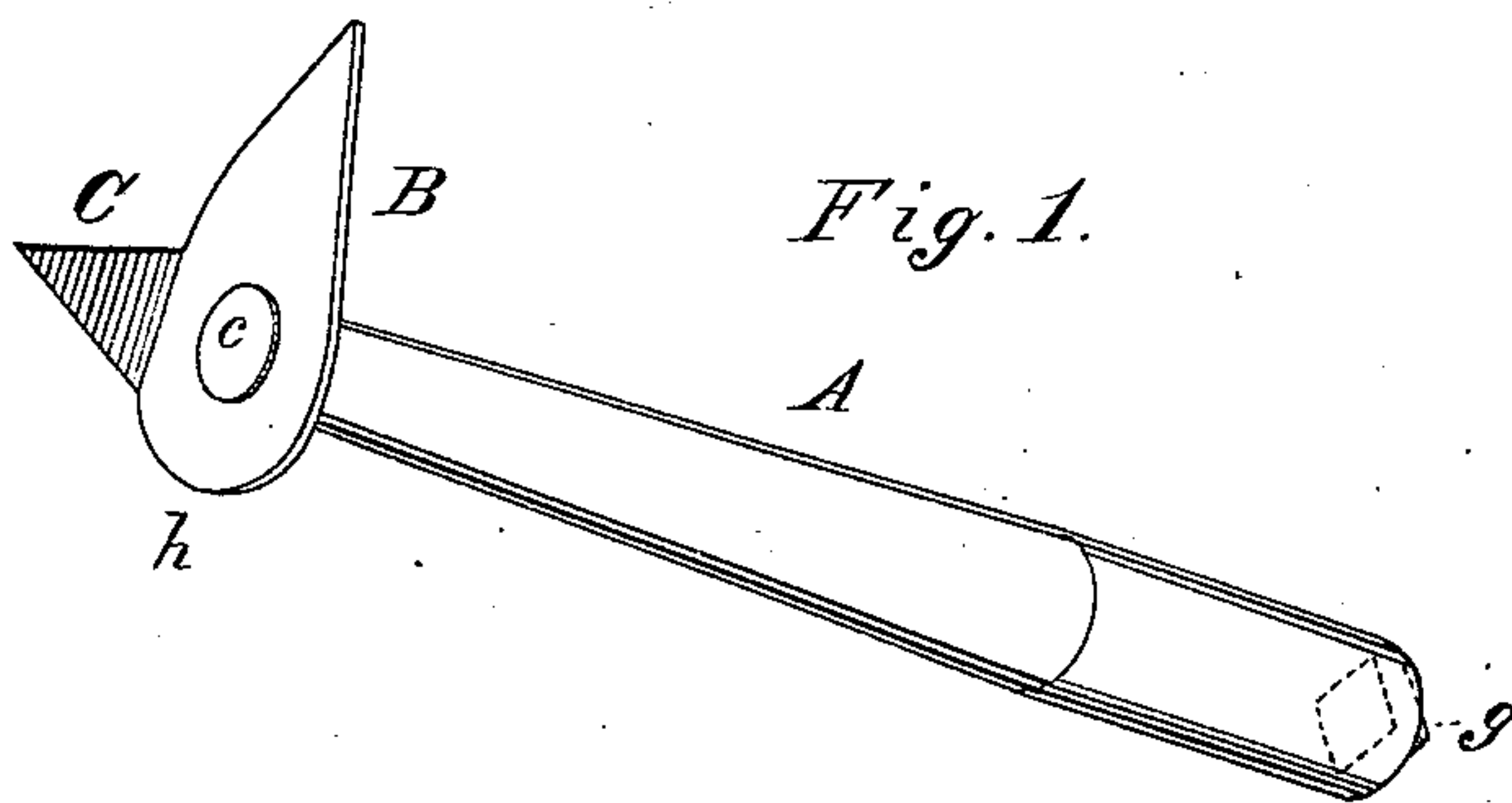
(No Model.)

G. J. CLINE.

ROOFING KNIFE OR TINNER'S SCRAPER.

No. 272,649.

Patented Feb. 20, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE J. CLINE, OF GOSHEN, INDIANA.

ROOFING-KNIFE OR TINNER'S SCRAPER.

SPECIFICATION forming part of Letters Patent No. 272,649, dated February 20, 1883.

Application filed January 4, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE J. CLINE, a citizen of the United States, resident at Goshen, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Roofing-Knives or Tinner's Scrapers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention in a perspective view. Fig. 2 is a longitudinal section. Fig. 3 is a detail front view of the blade. Fig. 4 is a detail showing the blade and the projection at right angles.

This invention has relation to roofing-knives or tinner's scrapers; and it consists in the construction and novel arrangement of the lateral prodding and scraping point formed at the side of the rounded heel of the blade and extending at right angles to the plane of the blade, all as hereinafter set forth.

In the accompanying drawings, the letter A designates the handle of the tool, and B the blade, which is seated on the end of the handle, which is at right angles to the plane of the blade.

The handle A is centrally bored to receive the bolt *b*, which is formed with a flat head, *c*, a square neck, *d*, and a threaded end, *e*, to engage the nut *g*, which is applied at the end of the handle opposite to the blade, and serves to keep the blade, which is seated on the squared neck *d*, against the other end of the handle, firmly in position.

The blade B is pointed and V-shaped at one end and rounded at the heel *h*. It is formed with a square aperture, *k*, through which the neck *d* of the bolt passes. From one side, near the heel end of the blade, an angular projection, C, extends forward at right angles to the plane of the blade. This projection forms a part of the blade, and is broad at its base *m*, from which its edges *l* and *l'* approach each other, the projection terminating in the point *p*. The plane of this projection is at right angles to the plane of the blade and laterally arranged with reference thereto. The projection C therefore extends parallel to the direction of the handle, and is especially adapted for working under laps, prodding for leaks, and scraping in angular recesses.

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

1. The roofing-knife or tinner's scraper having the pointed blade B at right angles to the handle, and the lateral prodding and scraping point C, formed on the blade near its heel and extending at right angles to the plane of the blade, substantially as specified.

2. The blade B of a roofing knife or tinner's scraper, having the angular lateral pointed projection C near its heel extending at right angles to said blade and parallel to the line of direction of the handle, substantially as specified.

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

GEORGE J. CLINE.

Witnesses:

FRANK E. BAKER,
JOHN H. BAKER.