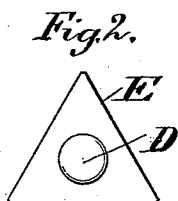
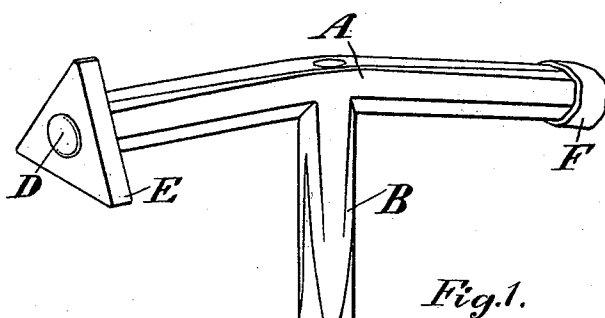


(No Model.)

T. C. GRIMSHAW.
GLAZIER'S HAMMER.

No. 465,176.

Patented Dec. 15, 1891.



WITNESSES:
J. C. Clark
C. Sedgwick

INVENTOR:
T. C. Grimshaw
BY *Munn & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

THOMAS C. GRIMSHAW, OF PITTSFIELD, ILLINOIS.

GLAZIER'S HAMMER.

SPECIFICATION forming part of Letters Patent No. 465,176, dated December 15, 1891.

Application filed June 4, 1891. Serial No. 395,035. (No model.)

To all whom it may concern:

Be it known that I, THOMAS C. GRIMSHAW, of Pittsfield, in the county of Pike and State of Illinois, have invented a new and Improved Glazier's Hammer, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved hammer which is simple and durable in construction and more especially designed for the use of glaziers to conveniently drive the points to hold the pane of glass in place in the frame.

The invention consists of certain parts and details and combinations of the same, as will be hereinafter fully described, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement. Fig. 2 is front view of the movable face, and Fig. 3 is an end view of the fixed face.

The improved glazier's hammer is provided with a head A, from the middle of which extends a shank B, on which is secured in any suitable manner the handle C. On one end of the hammer-head A is formed a pivot D, on which is mounted to turn a movable face E, preferably triangular in shape, as is plainly illustrated in the drawings. Near the other end of the head A is held a ring F, of a soft material, preferably rubber, so as to deaden noise in moving the hammer over the pane of glass when driving the points.

In using this hammer the operator takes hold of the handle and places the head A over the glass, so that one of the sides of the movable face E rests on the surface of the glass, and also the corresponding part of the ring F.

By the operator then moving the handle the head slides over the pane of glass, the movable face E striking against the point to drive the same into the wood-work of the frame.

It will be seen that by making the face E movable the handle C can be held at any desired angle relative to the pane of glass, one edge of the face always resting firmly on the surface of the pane of glass, so that the point can be driven with great ease.

In applying the head A on the pane of glass the side of the movable face nearest to the surface will readily engage the surface of the pane, turning on the pivot D until the said side rests firmly on the surface of the glass.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a hammer, a head provided with a triangular face pivoted on one end of the said head, substantially as shown and described.

2. In a hammer, a head provided at one end with a pivot and a triangular face centrally mounted to turn on the said pivot, substantially as shown and described.

3. In a hammer, the combination, with a head, of a movable face held on one end of the said head and a ring of a soft material held on the other end of the said head, substantially as shown and described.

4. In a hammer, the combination, with a head provided at one end with a pivot, of a triangular face mounted to turn on the said pivot, and a rubber ring held at or near the other end of the said head, substantially as shown and described.

THOMAS C. GRIMSHAW.

Witnesses:

W. S. GRIMSHAW,
I. H. UNDERWOOD.