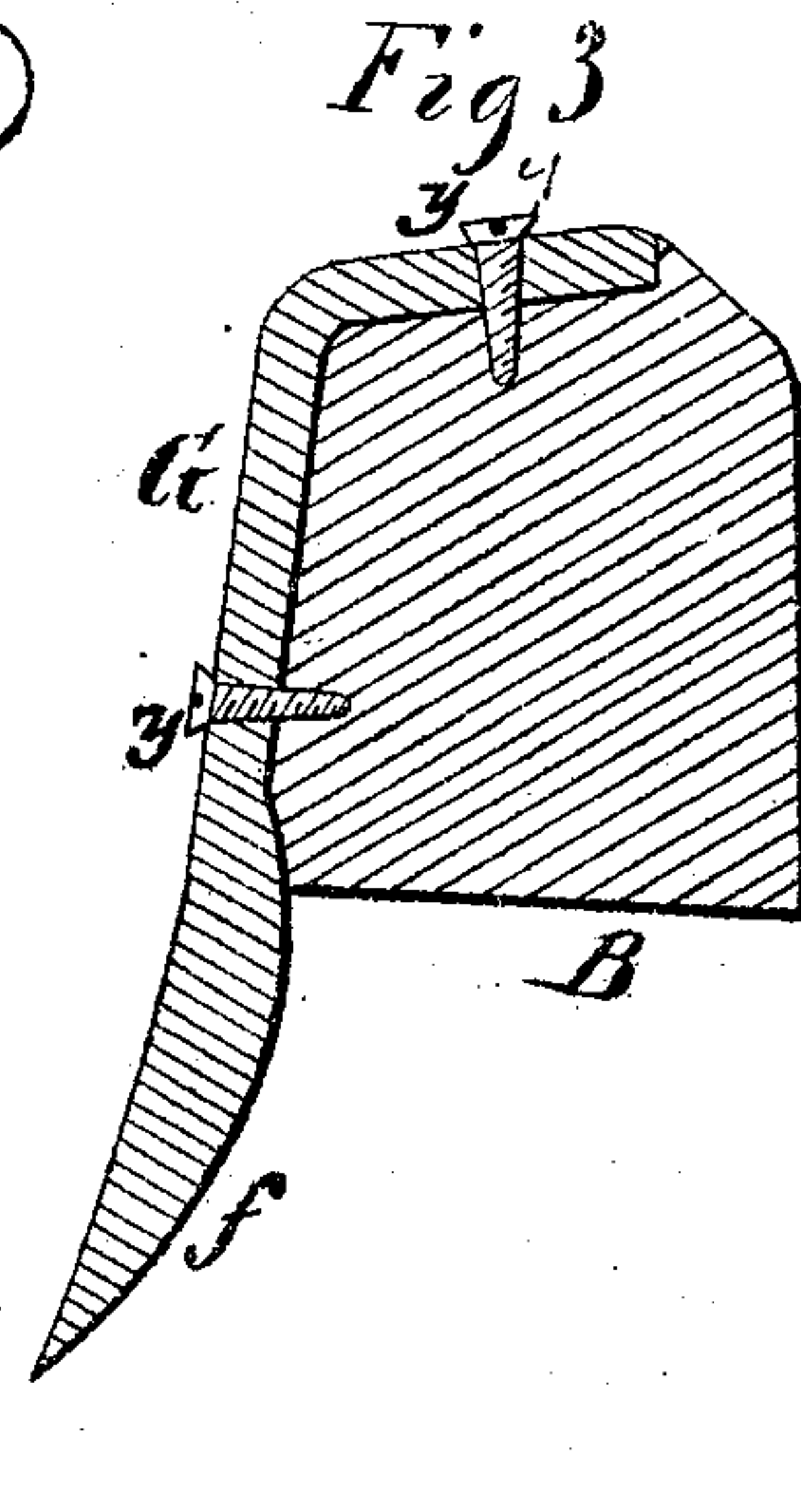
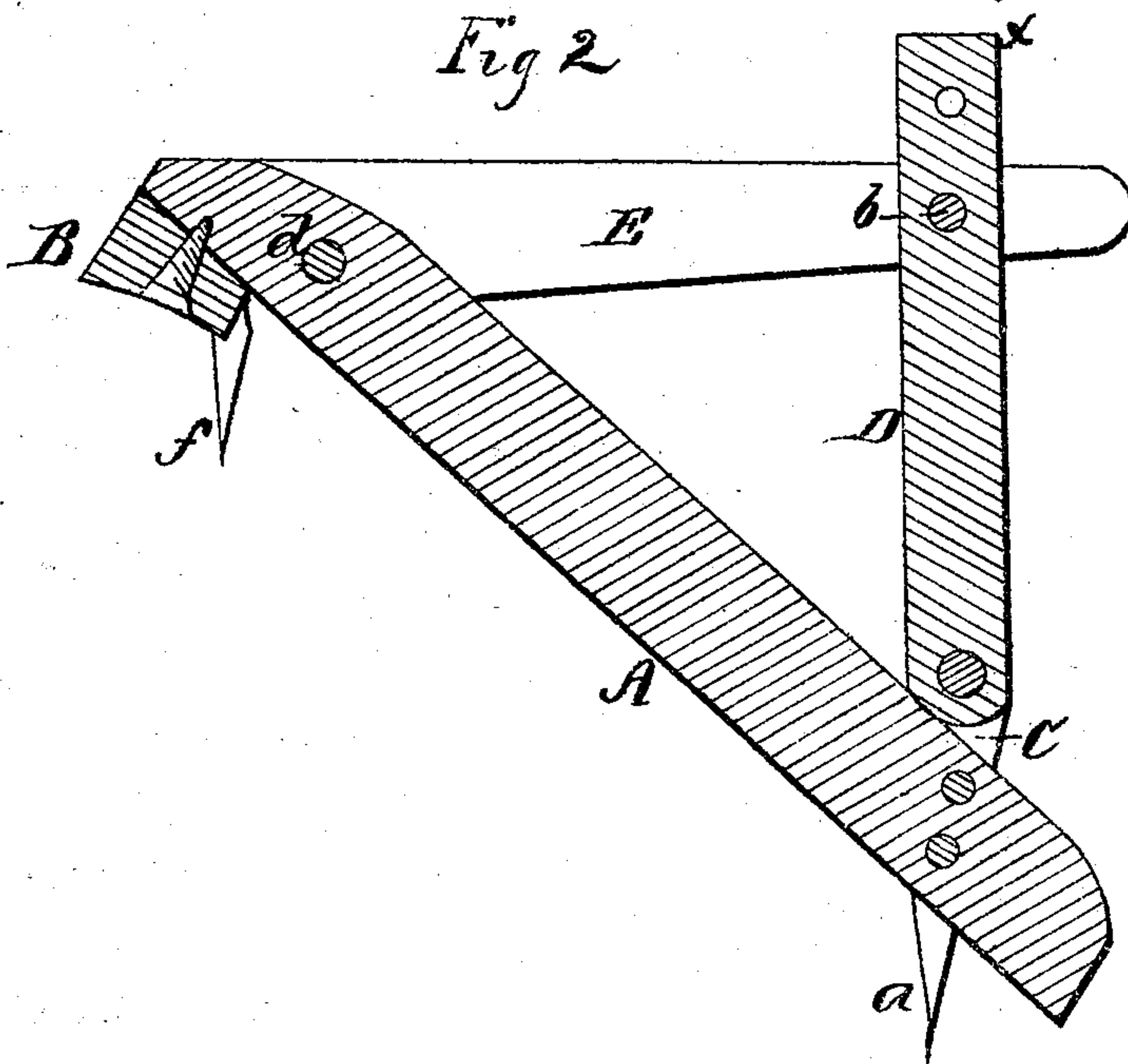
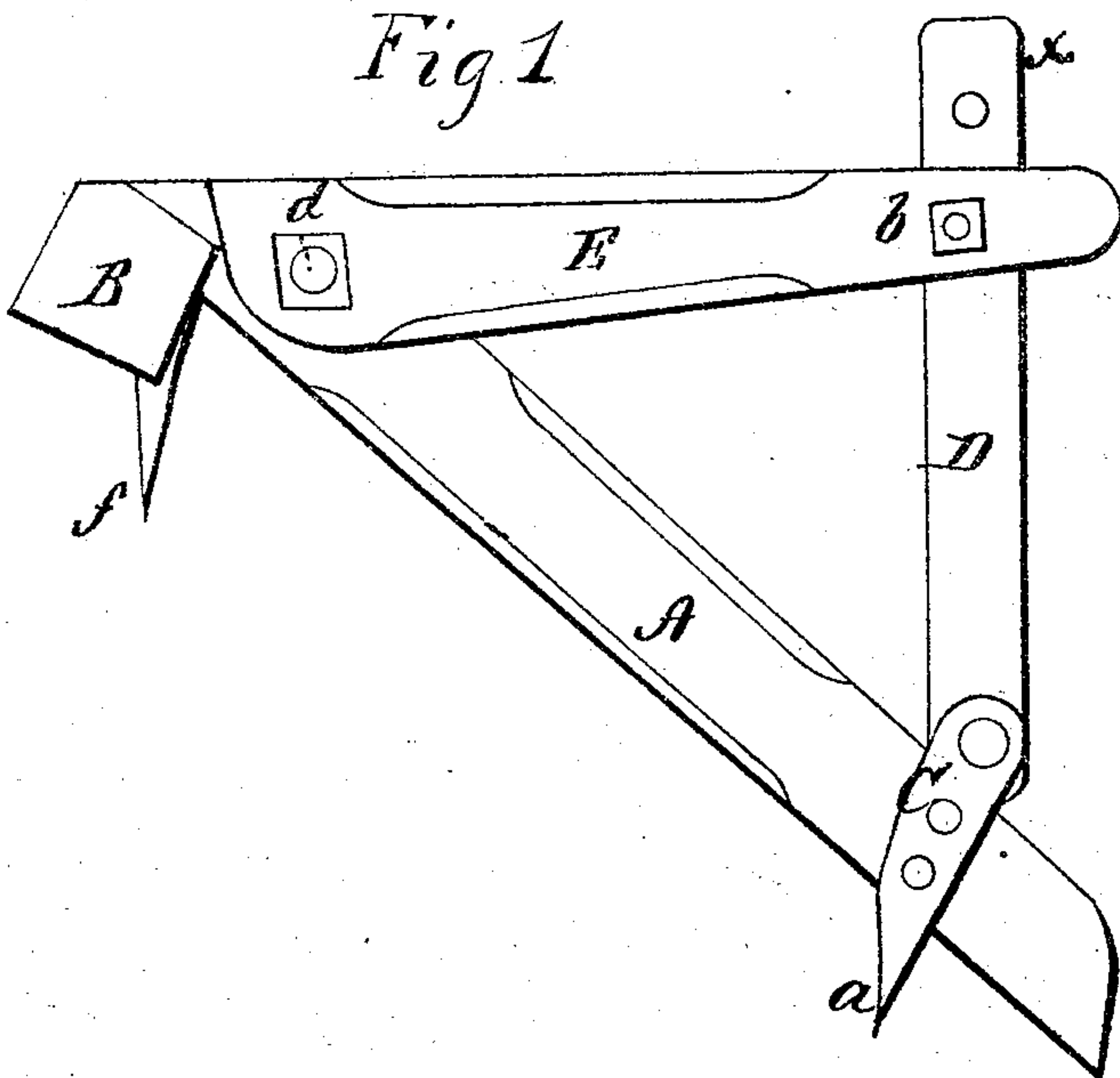


F. HENRIOT.
Shingling Brackets.

No. 152,373.

Patented June 23, 1874.



WITNESSES.

C. M. Bart.
C. L. Ewert.

By

INVENTOR.

Felicien Henriot,
Alexander M. Mator

Attorneys.

UNITED STATES PATENT OFFICE.

FELICIEN HENRIOT, OF FRENCHTOWN, INDIANA.

IMPROVEMENT IN SHINGLING-BRACKETS.

Specification forming part of Letters Patent No. **152,373**, dated June 23, 1874; application filed April 4, 1874.

To all whom it may concern :

Be it known that I, FELICIEN HENRIOT, of Frenchtown, in the county of Harrison and in the State of Indiana, have invented certain new and useful Improvements in Carpenters' Scaffold; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to improvements in roofing-scaffolds; and consists in the employment of angular removable metallic bars, which are connected to the top cross-bar of the bracket, and form teeth on their lower ends to take into the roof of the building, all as hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view, and Fig. 2 a longitudinal section, of my scaffold rest or support. Fig. 3 is an enlarged section through one of the teeth of the same.

A represents a beam or bar, of any suitable dimensions, to the upper end of which is firmly secured a cross-bar, B, the two together forming a T. Near the lower end of the beam A are secured two metal bars, C, one on each side, said bars projecting both in front and rear of the beam. The rear ends of the bars C C form sharp-pointed teeth *a*, and between the front ends of said bars is pivoted a brace, D, which passes upward, and is secured between two arms, E E, by a bolt, *b*, the other

ends of said arms being pivoted by a bolt, *d*, to the beam A, at or near its upper end. This brace D is made long enough to always extend above the upper surfaces of the horizontal arms E E, as shown at *x x*, Figs. 1 and 2, so that a bearing is formed for the outside of the boards, which prevents them from slipping off from the scaffold-bracket. To the cross-bar B, near each end, is fastened a metal bar, G, the lower end of which forms a sharp-pointed tooth, *f*. These teeth G are made angular, as shown in Fig. 3, and are secured to the cross-bar by screws or bolts *y y*, so as to permanently attach them to said cross-bar and to allow their removability and replacement in case of breakage of the points.

I am aware that a scaffold-bracket constructed entirely of metal, and consisting of two legs pivoted together, the extremities of said legs forming catches to take into the roof, and adjustable by means of a segment and set-screw, is not new.

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

In combination with the wooden cross-bar B of the scaffold-bracket herein described, the angular removable metallic bars G *f*, secured by means of the screws or bolts *y*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of March, 1874.

FELICIEN HENRIOT.

Witnesses:

MATTHIAS BAUCAR,
SAMUEL M. LITTELL.