

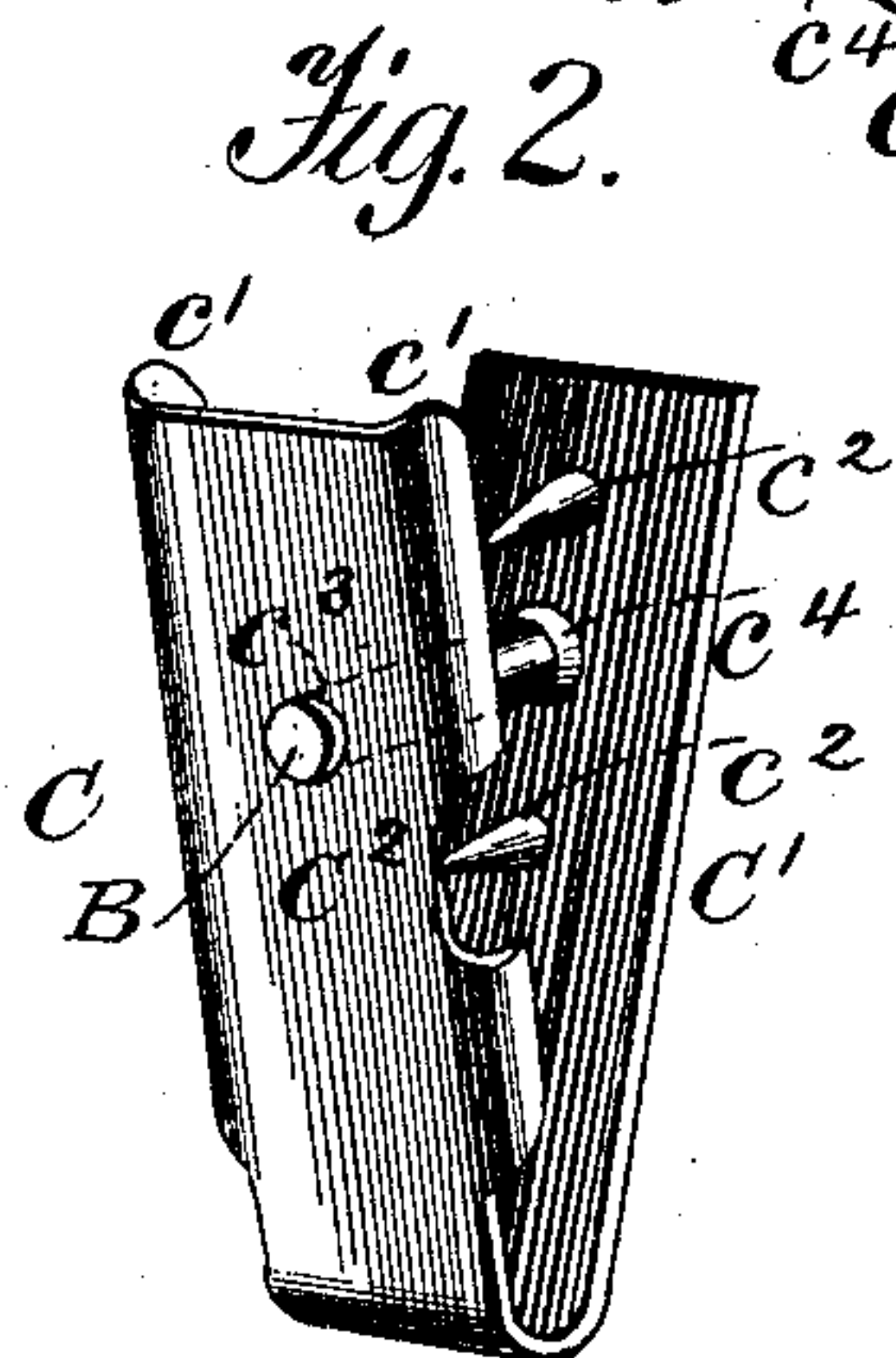
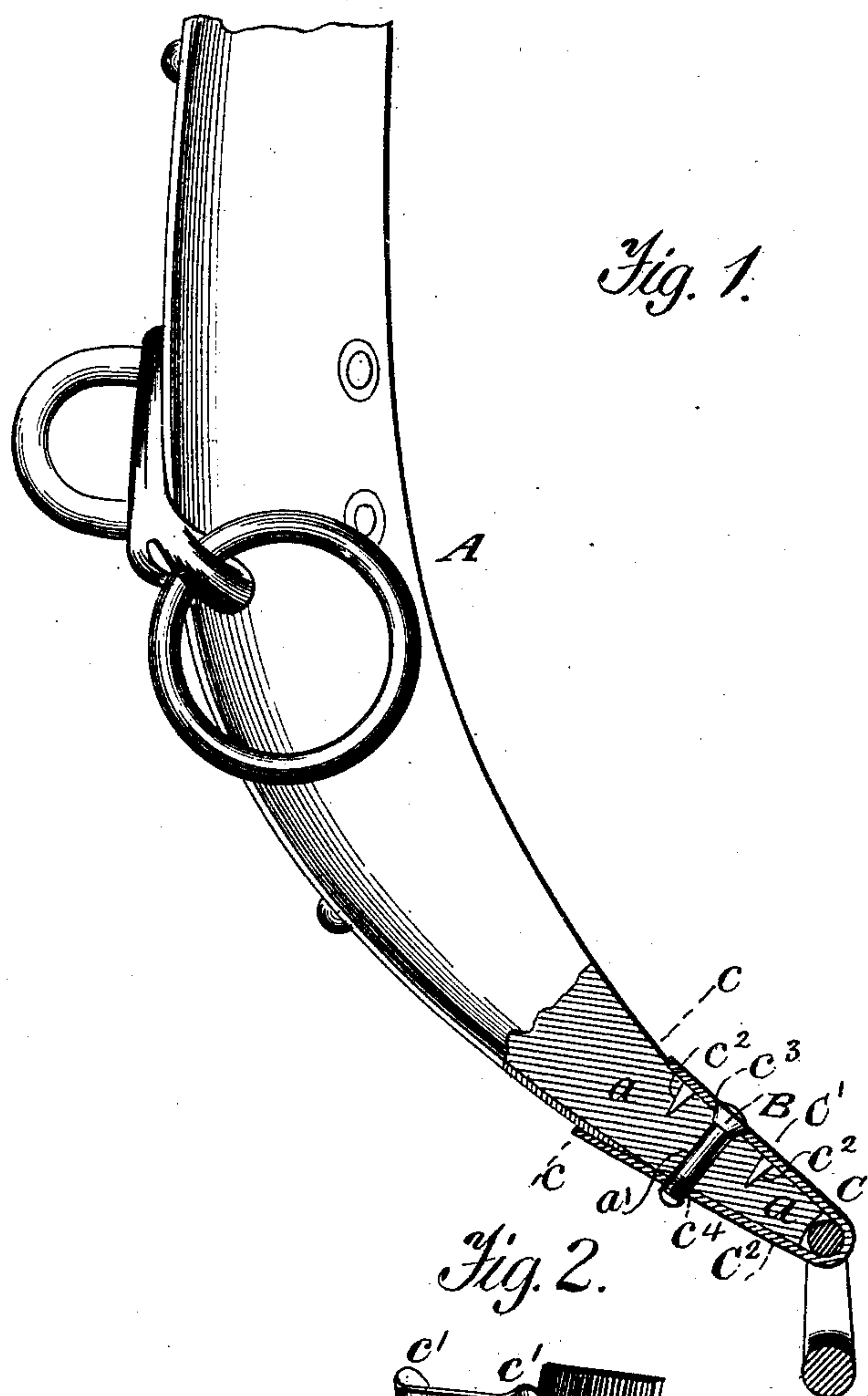
(No Model.)

P. W. CORCORAN.

HAME CLIP.

No. 353,249.

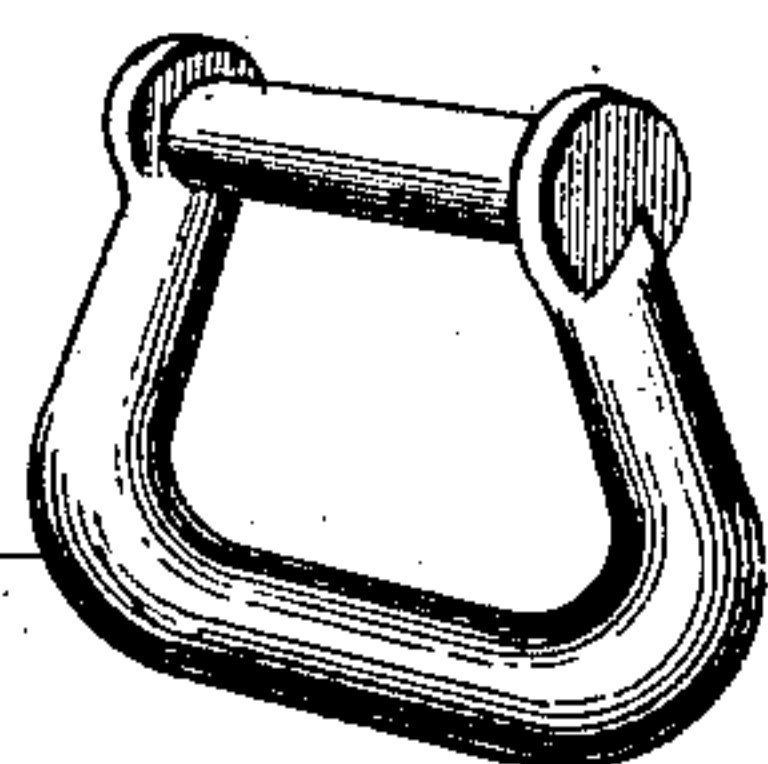
Patented Nov. 23, 1886.



Witnesses.

A. Ruppert.

A. E. H. Johnson



Inventor.

Patrick W. Corcoran

Per Thomas B. Simpson

Atty.

UNITED STATES PATENT OFFICE.

PATRICK W. CORCORAN, OF SENECA, ILLINOIS, ASSIGNOR OF ONE-HALF TO
JOHN C. CORCORAN, OF SAME PLACE.

HAME-CLIP.

SPECIFICATION forming part of Letters Patent No. 353,249, dated November 23, 1886.

Application filed August 2, 1886. Serial No. 209,778. (No model.)

To all whom it may concern:

Be it known that I, PATRICK W. CORCORAN, a citizen of the United States, residing at Seneca, in the county of La Salle and State of Illinois, have invented certain new and useful Improvements in Repair-Clips; 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 the letters and figures of reference marked thereon, which form a part of this specification.

The invention will first be described in connection with what may be necessary to a full understanding thereof, and then clearly pointed out in the claim.

Figure 1 of the drawings is a longitudinal vertical section of a hame, showing the application of my repair-clip; and Fig. 2 is a perspective view in detail of my invention, with the metallic loop usually employed at the bottom ends of the hames.

In the drawings, A represents a hame-stick curved and brought to a wedge form at the end a.

a' is a hole through which passes a clamping-screw, B.

C is my improved hame-clip, made of plate-metal folded or doubled on a median or nearly a median cross-line, c, provided on one arm with the opposite side flanges, c' c', to overlap the sides of hame-stick, having on the inside of the flat arm the pointed dowels c² c² and provided with the opposite holes, c³ c⁴. The hole c³ is countersunk on the outside to let into it the head of screw B, while the hole c⁴ is surrounded by threads corresponding with those on the said screw. By this construction the opposite arms, C' C², of the clip, which spring apart so that it may be easily removed, are drawn down on the hame and the pointed dowels c² made to enter the wood.

The clip is shown in the drawings at the bottom, but is equally applicable to the top of the hame-sticks.

Ordinarily when the usual iron strap becomes broken or out of repair, a new strap is required, and time as well as money must be spent in going to a blacksmith or other mechanic, while with my clip, which will be manufactured in large quantities and sold at a low price, the damage may be repaired in a few moments.

The clip is easily adjusted on the hames of single or double harness, is held firmly on the hame by a single screw and dowels, and is secure from all danger of displacement.

I am aware that a hame-clip has been made with one small side flange, which is screwed to the hame; but my long side flanges on both sides of one arm of the clip render a screw unnecessary, counterbrace each other, and prevent lateral displacement on both sides of said arm, while the side strain upon the other arm is greatly lessened by the teats or points; hence,

What I desire to claim as new and protect by Letters Patent is—

A hame-end clip formed of a spring-plate, C, doubled on a median or nearly median cross-line to form two arms, C' C², the arm C' being provided with the side flanges, c' c', the arm C² with the inside dowels, c², and the two arms with an oppositely-located hole for the fastening rivet or screw, substantially as shown and described.

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

PATRICK W. CORCORAN.

Witnesses:

H. S. CRANE,
C. W. CHANDLER.