

G. E. FLETCHER.
HAMES FOR HARNESS.

No. 190,570.

Patented May 8, 1877.

Fig. 1

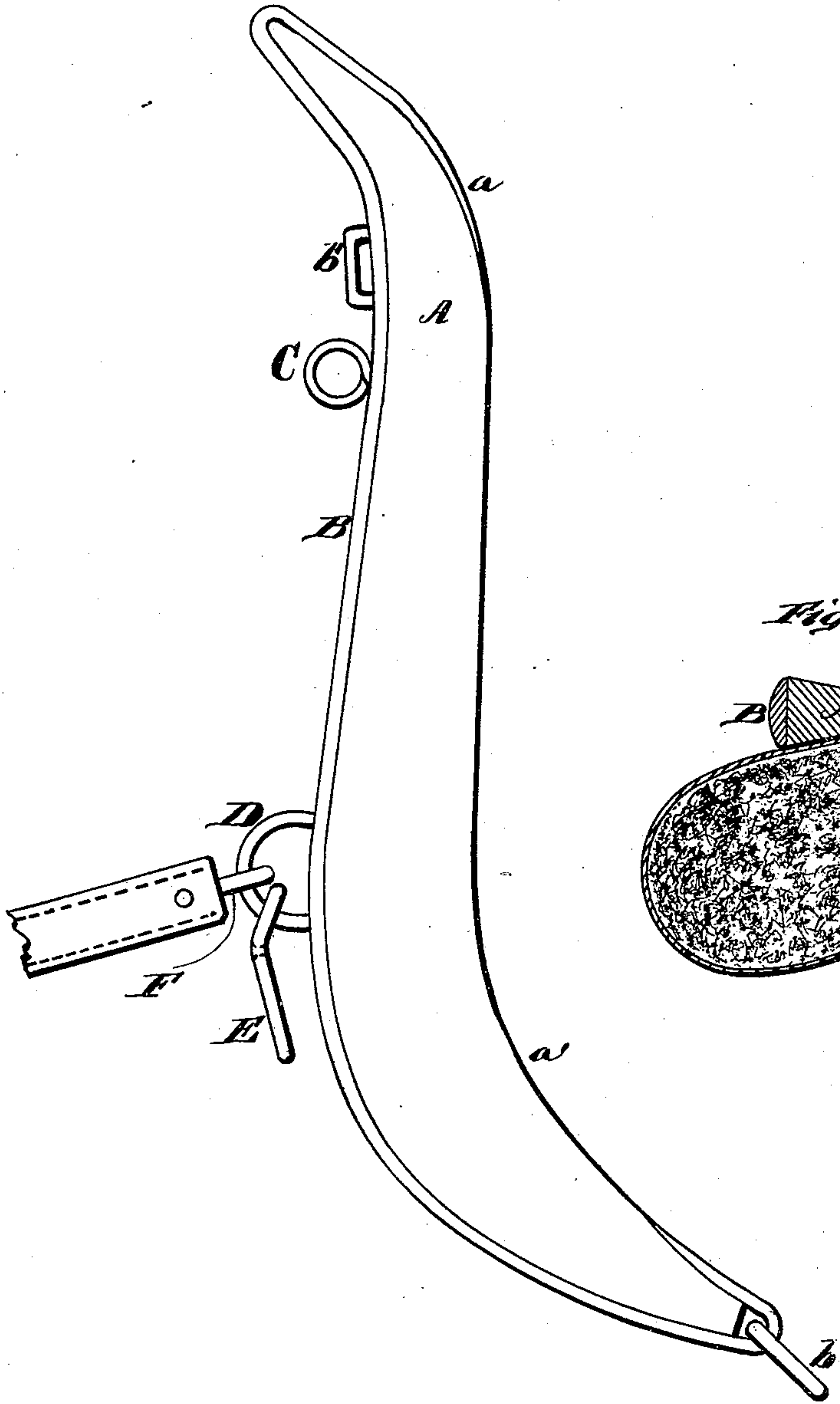
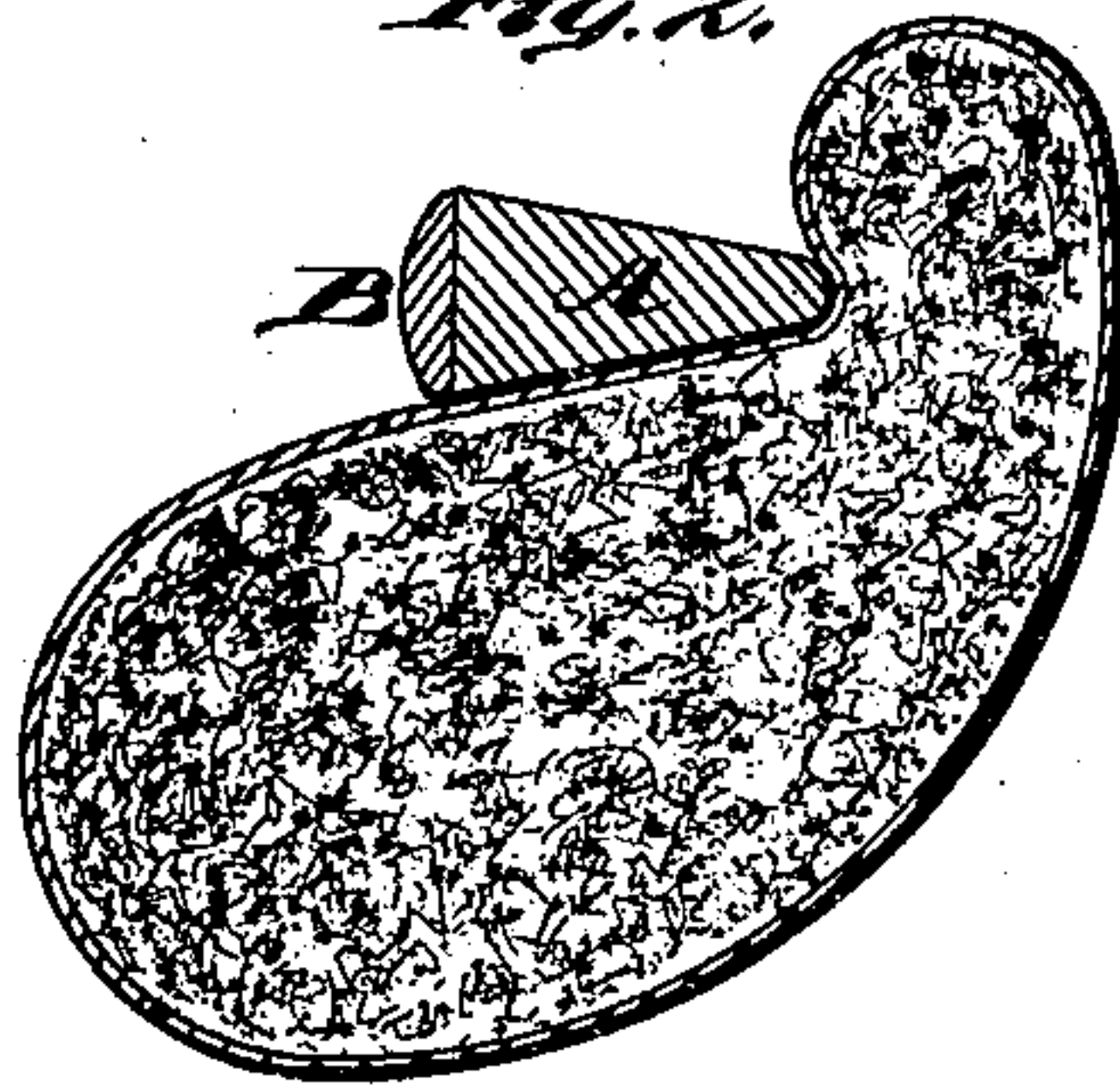


Fig. 2.



WITNESSES

Robert Grant
George C. Upman

INVENTOR.

George E. Fletcher.
William D. Smith

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE E. FLETCHER, OF FILLMORE, NEW YORK, ASSIGNOR OF ONE-HALF
HIS RIGHT TO SETH W. LOWELL, OF SAME PLACE.

IMPROVEMENT IN HAMES FOR HARNESS.

Specification forming part of Letters Patent No. **190,570**, dated May 8, 1877; application filed
February 24, 1877.

To all whom it may concern:

Be it known that I, GEORGE E. FLETCHER, of Fillmore, in the county of Allegany and State of New York, have invented a new and valuable Improvement in Reversible Hames; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a front view of my reversible hame, and Fig. 2 a transverse sectional view of the same.

The nature of this invention consists in making a hame for a horse-collar wedge-shaped in cross-section, so as to be reversible, and adapted to horse-collars of ordinary construction, substantially as hereinafter set forth.

In the accompanying drawing, A designates a wooden hame, which is curved outward at its upper end *a*, and inward at its lower end *a'*. The outside or back of said hame is protected by a metal plate, B, which laps over said tapering ends *a* and *a'*. Said hame is tapered or doubly beveled inward, so as to be wedge-shaped in cross-section, as shown in Fig. 2. The lower end *a'* of said hame is provided with a ring, *b*, for the attachment of the lower connection of the hames. In like manner the upper part of the said hame is provided with a staple, *b'*, for the attachment of the upper connection or neck strap. Just below said staple is a hame-ring, C. At or about

the thickest part of said hame a staple, D, is fastened thereto, to which are attached a ring, E, for the breast-strap, and also a ring or hook, F, for one of the traces.

The peculiar form (wedge-shaped in cross-section) given to said hame adapts it to be used on either side of the horse-collar of ordinary construction, as shown in Fig. 2 of the drawings. There is thus no need to break a pair of hames to supply the place of a broken one in another pair. In manufacturing, the hames embodying my invention are all made alike. The plate B strengthens the hame A, and keeps it in shape.

This form of hame will not readily slip forward when the horse backs. Breast-strap ring E is bent or hook-shaped, and is adapted to be used on either side without removing any of the foregoing parts.

It will be observed that the tapering portion of the hame fits in the groove at the junction of the body and "roll" of the collar.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the hame A, wedge-shaped in cross-section, as shown, and adapted for use upon either side of a collar, as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE E. FLETCHER.

Witnesses:

JNO. S. MINARD,
S. W. LOWELL.