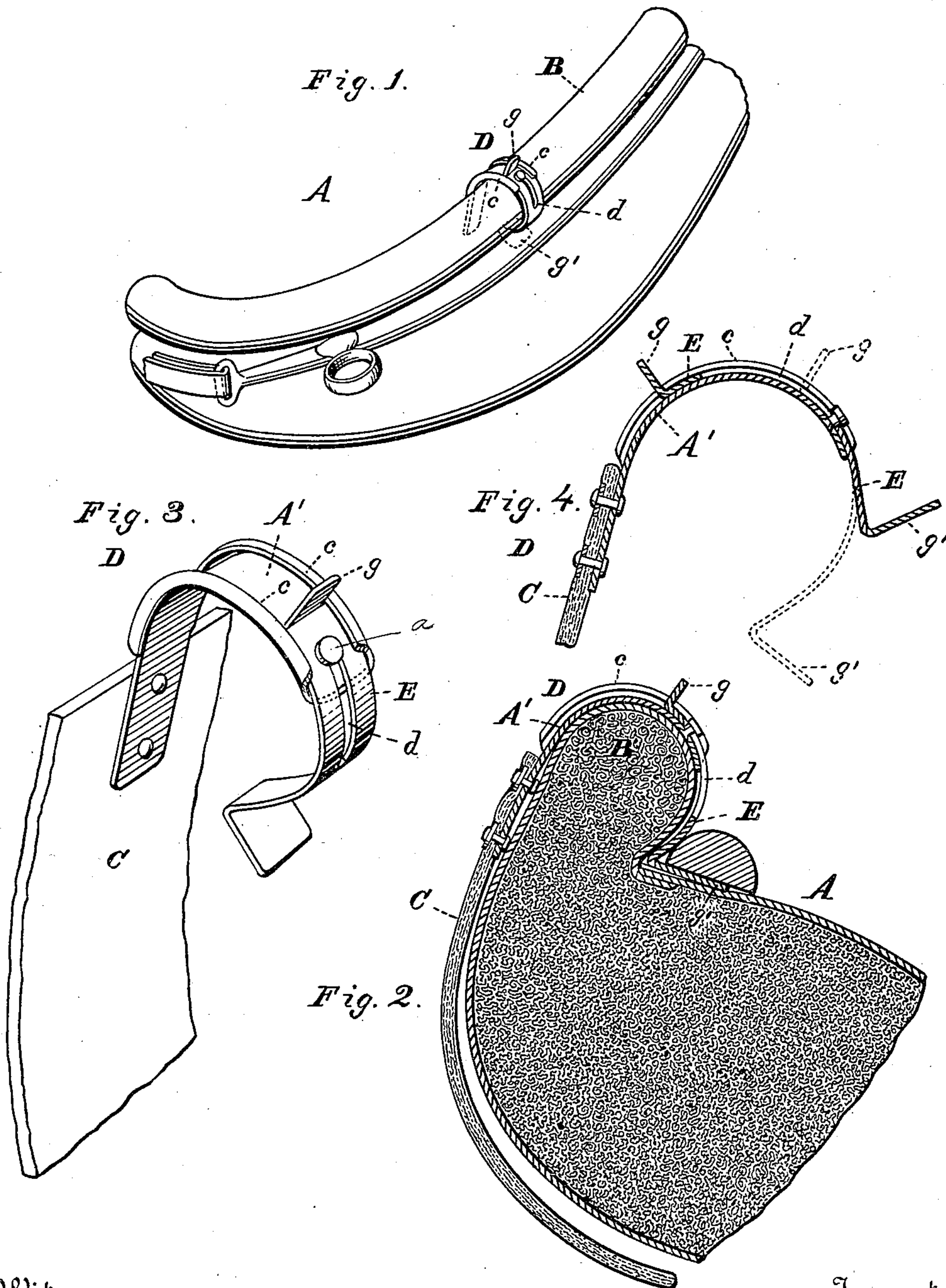


(No Model.)

F. R. SMITH.
PAD FASTENER FOR HORSE COLLARS.

No. 420,892.

Patented Feb. 4, 1890.



Witnesses

Villette Anderson,
Philip Blasi.

Inventor

F. R. Smith
By his Attorney
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UNITED STATES PATENT OFFICE.

FRANK R. SMITH, OF NEW VIENNA, OHIO.

PAD-FASTENER FOR HORSE-COLLARS.

SPECIFICATION forming part of Letters Patent No. 420,892, dated February 4, 1890.

Application filed October 12, 1889. Serial No. 326,777. (No model.)

To all whom it may concern:

Be it known that I, FRANK R. SMITH, a citizen of the United States, and a resident of New Vienna, in the county of Clinton and State of Ohio, have invented certain new and useful Improvements in Pad-Fastenings for Horse-Collars; 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 of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is a vertical section. Fig. 3 is a perspective view. Fig. 4 is a vertical section.

This invention has relation to pad-fastenings for horse-collars; and it consists in the novel construction and combination of parts, as hereinafter set forth.

In the accompanying drawings, the letter A designates a portion of the horse-collar having the front roll B and the pad C clasped thereto by the adjustable fastener D, which is riveted to the pad.

The fastener consists of a broad circularly-curved or arc-shaped base-piece A', designed to partly clasp the front roll B of the collar, and this curved band-piece is formed with lateral upward and inward bent edge guides or flanges *e* to receive the edges of a slotted adjustable elastic metallic clasp E, which is curved like the base-piece, and is provided at the inner end with a lug or projection *g* for adjusting the same upon the base-piece A'. The curve of the slotted shank of the clasp

corresponds with the arc of the base-piece, upon which it is circularly adjustable, the slot *d* of the clasp-shank engaging the pin *a* in the base-piece A', which limits the movement of the clasp.

When the pad is to be attached to the collar, the base-piece A', with the pad C attached, is clasped over the inner edge of the small roll B thereof, and the spring-clasp D is then drawn over the opposite or outer side of the roll, thereby securing the pad in position, the hames resting against the outer projection or end bearing *g'*. The inner lug *g* of the clasp is a thumb-piece, adapted to facilitate operating the clasp in its flanged guides or bearings *c* of the base-piece.

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

In a collar-pad fastener, the combination of the circularly-curved base-piece A', riveted to the pad and having the lateral upward and inward bent edge flanges or guides *c*, and between the same the limiting-piece *a*, with the corresponding circularly-curved and centrally-slotted adjustable spring-clasp having at its inner end the thumb-lug *g* and at its outer end, at an acute angle with the shank of the clasp, the outward-projecting end bearing *g'*, and the securing-hames resting thereon, substantially as specified.

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

FRANK R. SMITH.

Witnesses:

W. HENRY,
GEO. E. BARROW.