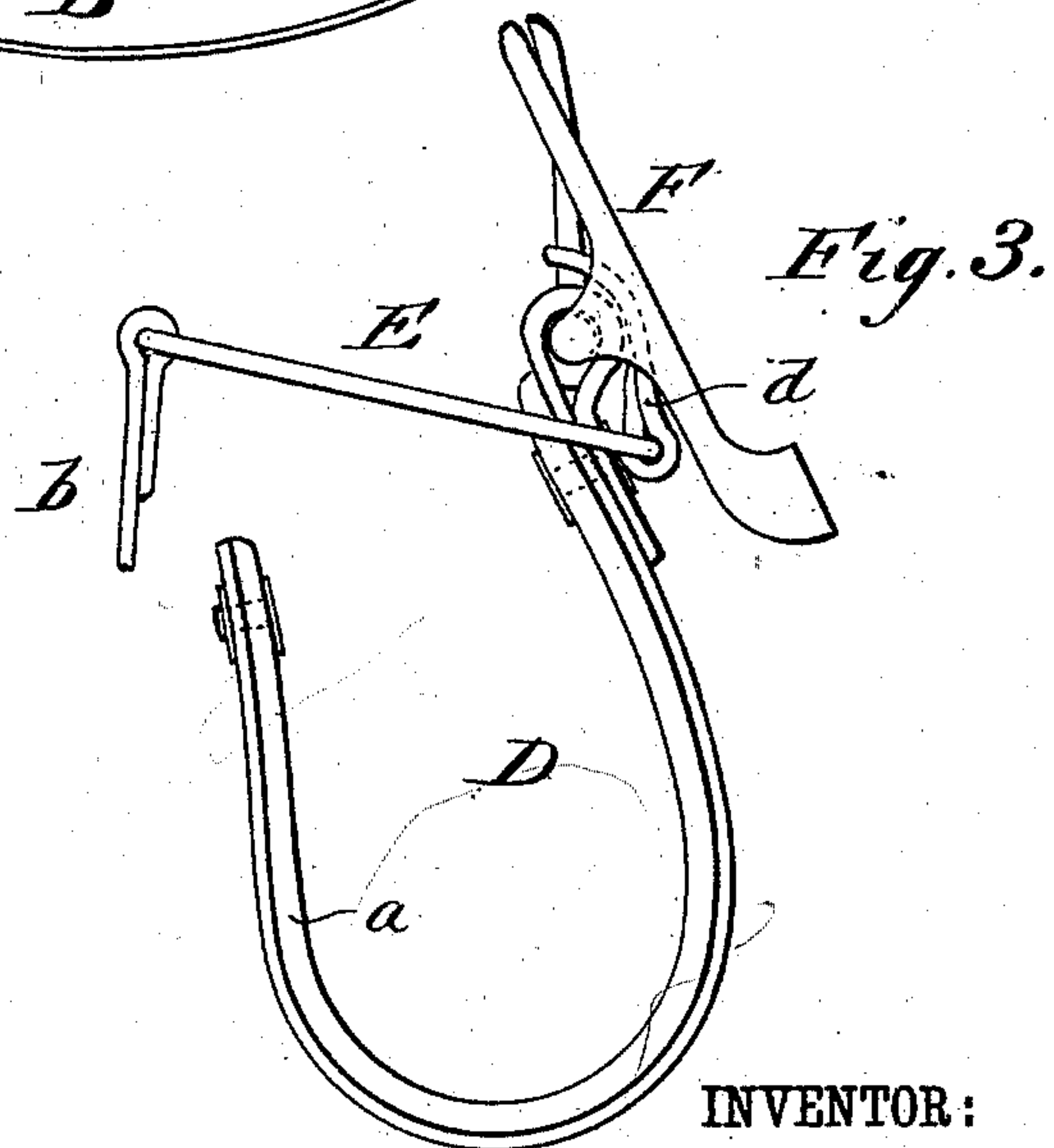
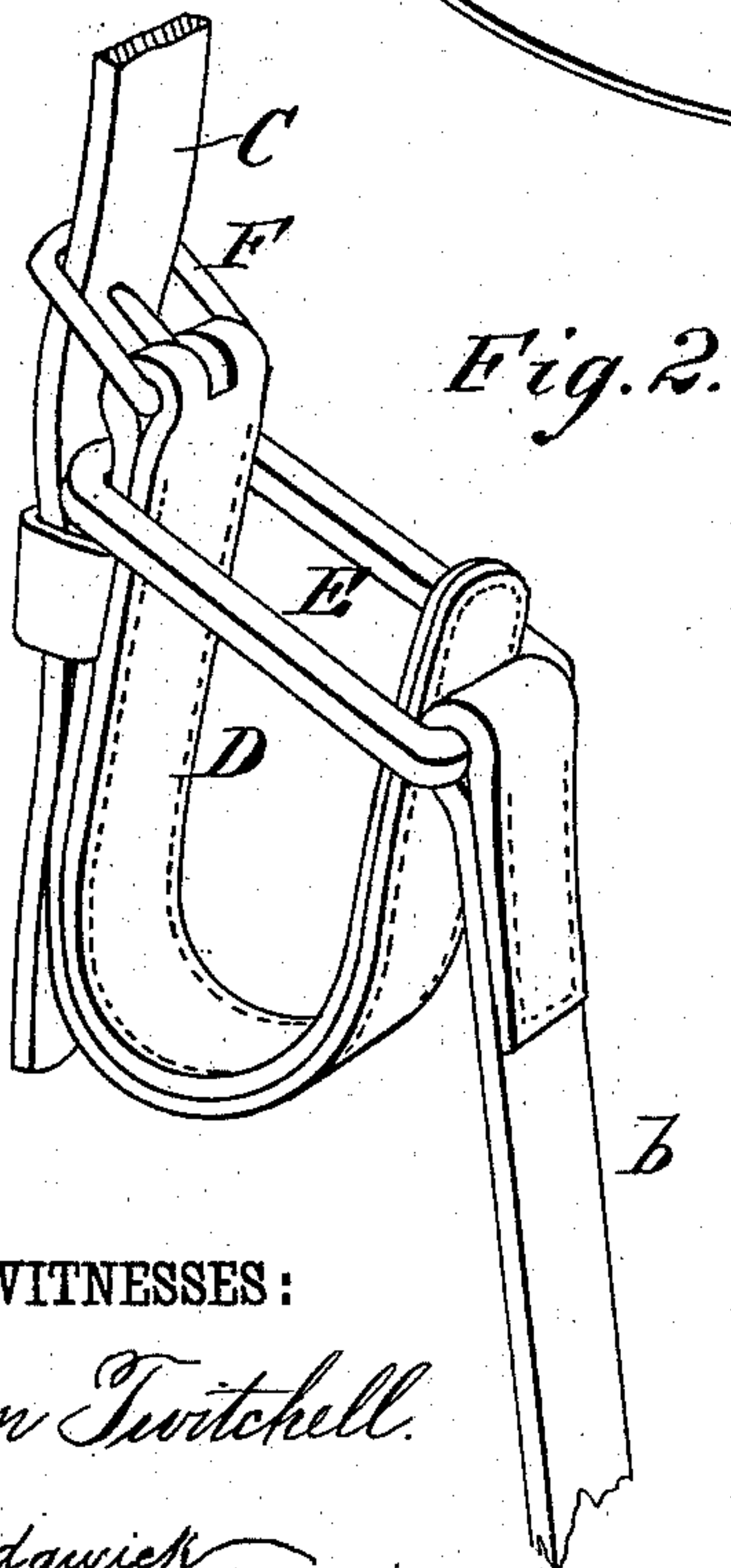
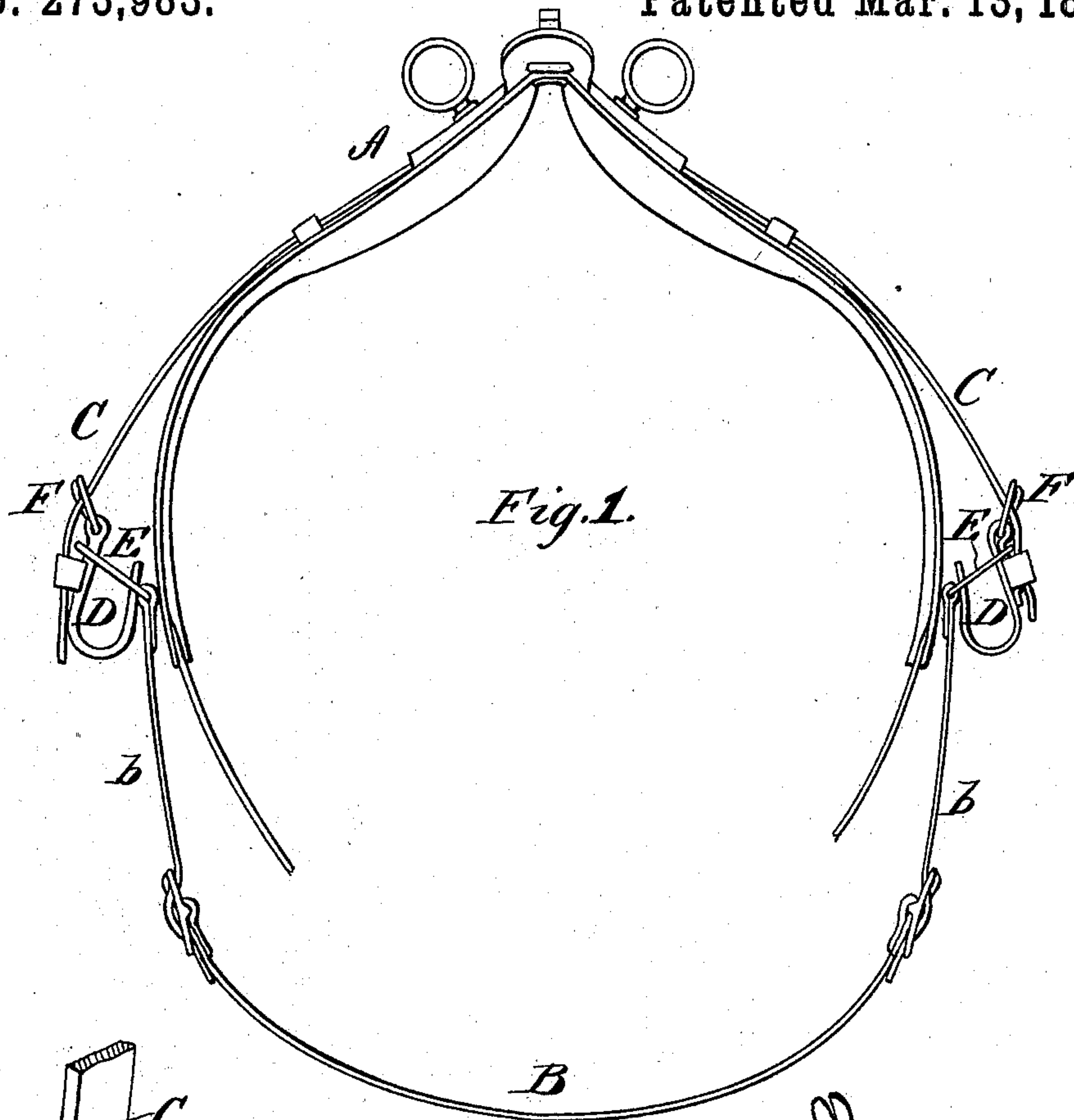


(No Model.)

F. A. HAKE.
THILL CARRIER FOR HARNESS.

No. 273,983.

Patented Mar. 13, 1883.



WITNESSES:

Down Twitchell.
C. Sedgwick

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UNITED STATES PATENT OFFICE.

FRANCIS A. HAKE, OF CUERO, TEXAS.

THILL-CARRIER FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 273,983, dated March 13, 1883.

Application filed November 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. HAKE, of Cuero, in the county of De Witt and State of Texas, have invented a new and Improved Thill-Carrier for Harnesses, of which the following is a full, clear, and exact description.

My invention consists of an open thill-carrier for harnesses, and of a loop or ring for confining the thills in the carrier.

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

Figure 1 is a rear elevation of an ordinary single-harness gig-saddle and belly-band having my invention applied thereto. Fig. 2 is a detailed perspective view of my invention; and Fig. 3 is a side elevation of the carrier, showing a modified form of attaching the loop or ring for confining the thills in the carrier.

The gig-saddle A, belly-band B, side straps, *b b*, and thill-straps C C are all of ordinary form and construction.

D D represent my new and improved open thill-carriers, and E E the confining loops or rings for holding the thills in the carriers. The carriers D D are made of metal and are hook-shaped, and are provided with the buckles F F, by which they are attached to the straps C C, as shown. The metal of the carriers may be covered with leather, as shown in Fig. 2, or the carriers may be lined with leather, as shown at *a*, Fig. 3, to protect the thills from excessive wear. The confining-loops E E may be of leather or metal. They are attached permanently to the upper ends of the straps *b b*, and the loops and the said straps may be attached to the harness by simply placing the loops over the buckles F F of the carriers before the carriers are buckled to the straps C C, as shown in Figs. 1 and 2; or the loops may be provided with the small straps *b*, to pass over the tongues of the buckles F F, as shown in Fig. 3. The said loops or rings are of such size relative to the size of the carriers D D that they are adapted to drop over the entrance of the carriers when the belly-band is buckled, and thus close the entrance, so that in case the thills are in place they will be confined in the carriers.

In use the horse may be put in the thills before the belly-band is buckled. The thills may then be raised and placed in the open thill-carriers, which can be very easily done, and then the belly-band may be buckled and the tugs and holdback-straps attached to the thills and single-tree in the ordinary manner. For removing the horse from the thills this operation will be reversed; or the thills may be inserted in the carriers and removed therefrom while the belly-band is buckled, the band having sufficient looseness to lift the confining loops or rings, thus permitting the animal to be harnessed without moving him back and forth in the thills, insuring greater comfort to both man and beast. By this construction of the thill-carriers it will be seen that the trouble and annoyance of running the thills into and backing them out of the thill-carriers are entirely overcome, and by means of the loops or rings E E the thills are perfectly confined in the carriers, so that the thills are held as securely as by the ordinary form of thill-carrier. Besides, my new carriers may be made very cheap, and also very ornamental to the harness.

Instead of using leather for covering the thill-carriers, rubber or other similar material may be used, and any soft substance may be used for lining the thill-carriers, instead of leather, and not depart from the spirit of my invention.

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

In a thill-carrier, the metallic hook D, supporting the thill and extending its two ends above the same, one end being provided with a buckle, F, in combination with the loop E, surrounding the two ends of the hook, the strap *b* of the belly-girt carrying said loop, and the strap C, attached to the saddle and to the buckle F of the hook, as shown and described.

FRANCIS A. HAKE.

Witnesses:

H. STOEVE SANDT,
EDW. MUGG.