

(No Model.)

P. C. FRITTS.

BREAST STRAP PROTECTOR.

No. 284,546.

Patented Sept. 4, 1883.

Fig. 1.

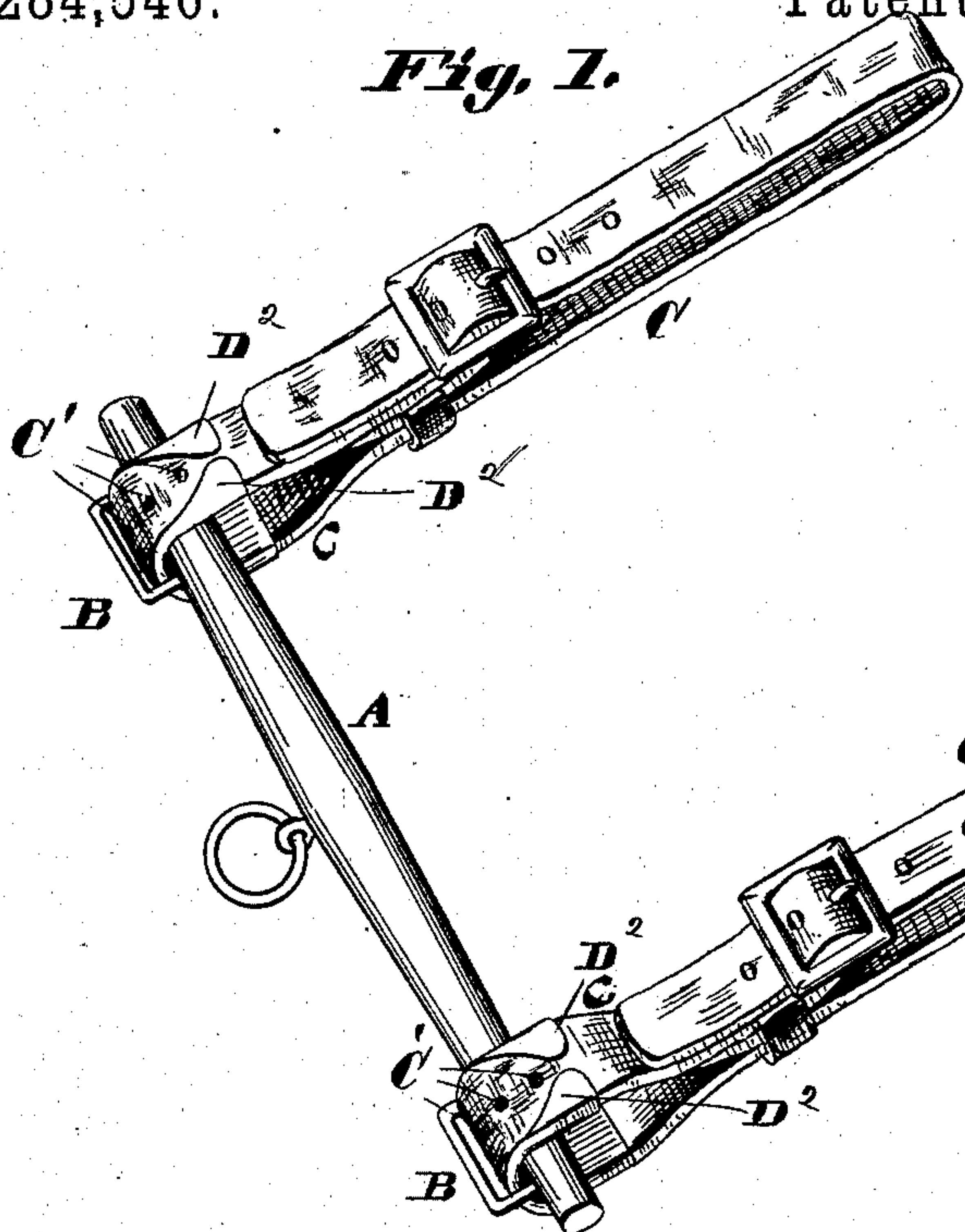


Fig. 2.

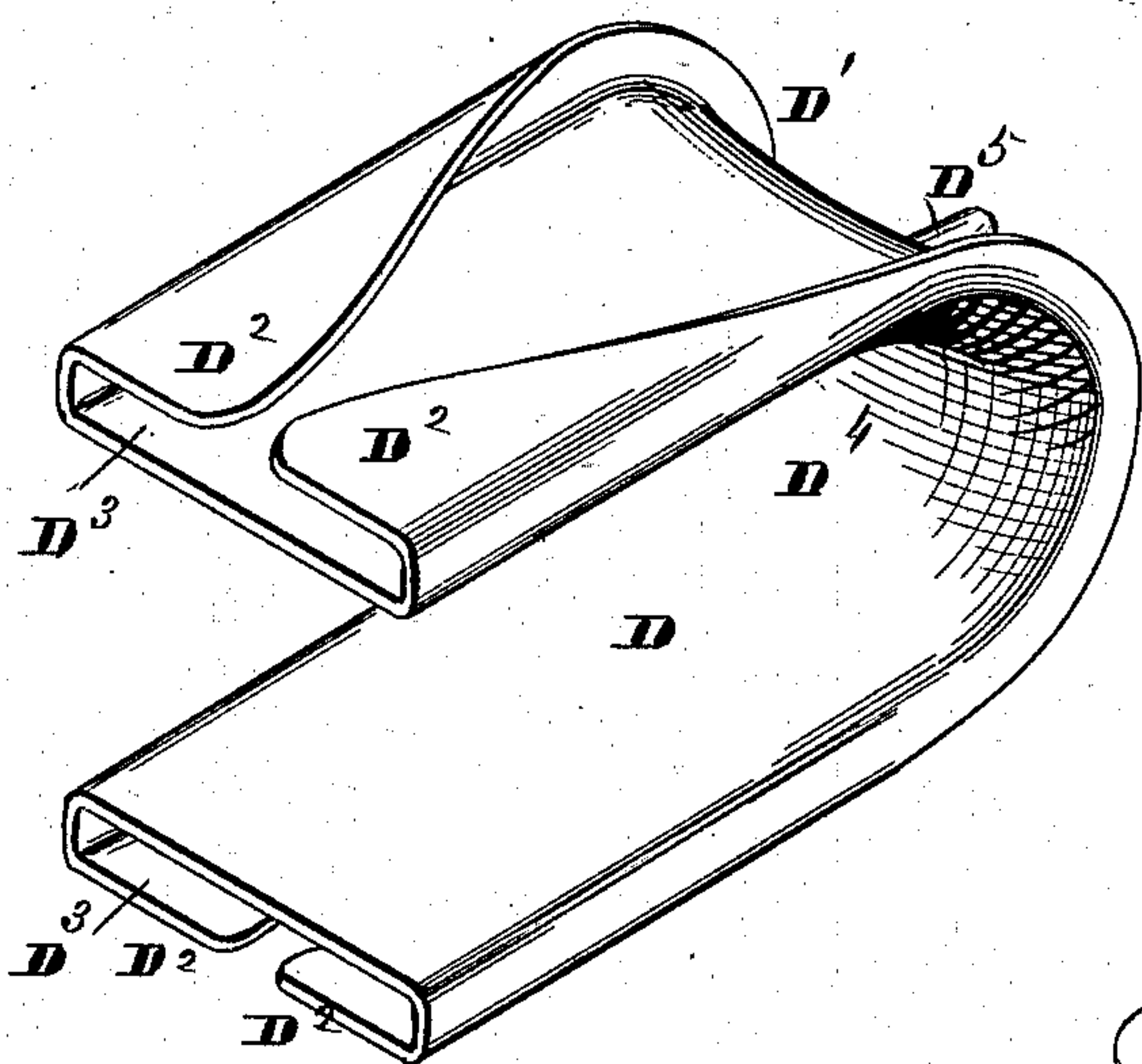
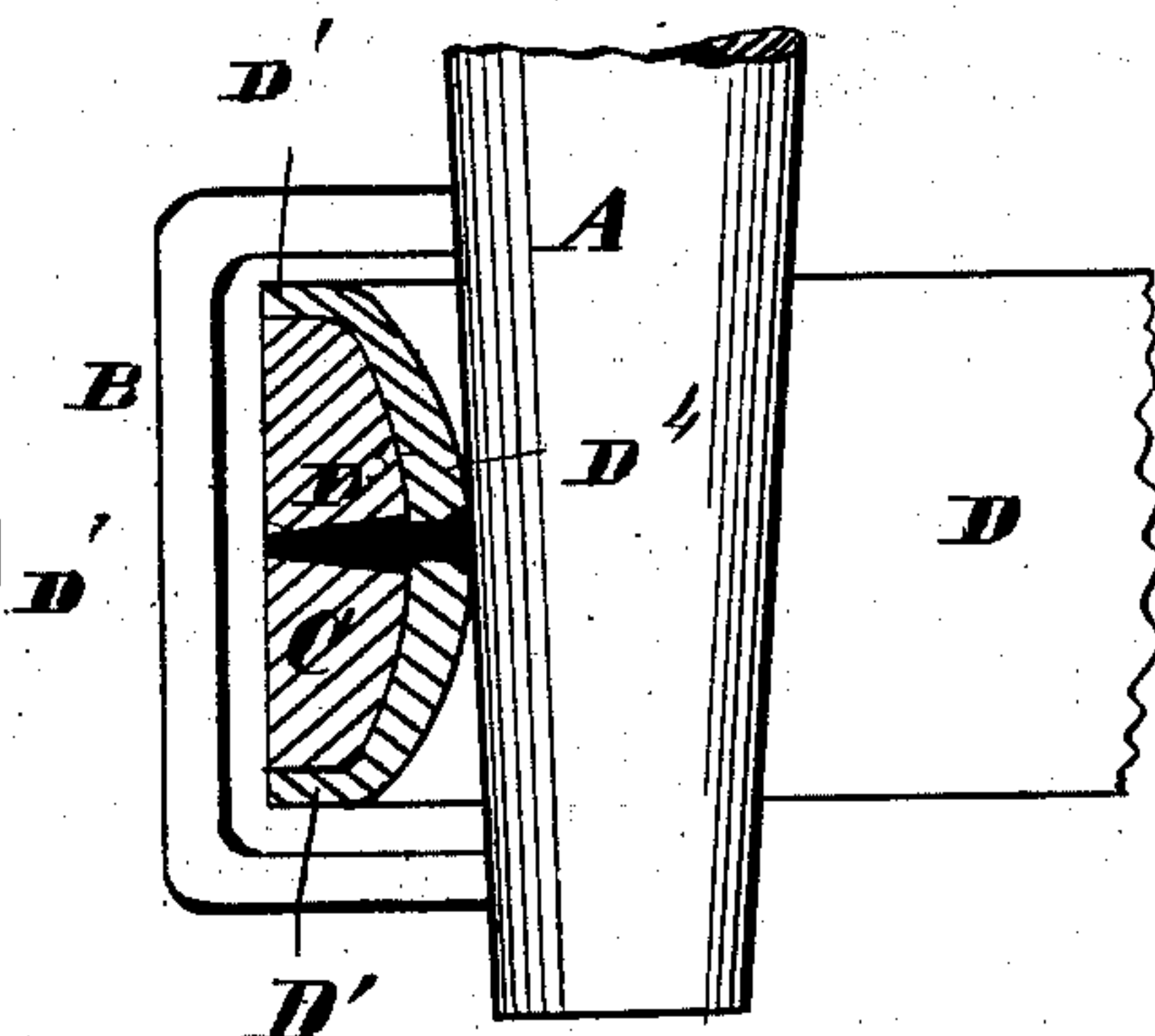


Fig. 3.



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UNITED STATES PATENT OFFICE.

PETER C. FRITTS, OF EUREKA SPRINGS, ARKANSAS, ASSIGNOR OF ONE-HALF
TO ROBERT I. GREY, OF SAME PLACE.

BREAST-STRAP PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 284,546, dated September 4, 1883.

Application filed June 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, PETER C. FRITTS, of Eureka Springs, in the county of Carroll and State of Arkansas, have invented a certain
5 new and useful Improvement in Breast-Strap Protectors, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming
part of this specification, and in which—

10 Figure 1 is a perspective view. Fig. 2 is an enlarged perspective view of the protector removed. Fig. 3 is a transverse section of the breast-strap and protector, showing one end of the neck-yoke.

15 My invention relates to a protector for breast-straps of harness, which is cheaply made and is strong and durable.

My invention consists in features of novelty hereinafter fully described, and pointed out
20 in the claims.

Referring to the drawings, A represents a neckyoke; B B, staples secured to its opposite ends, and C C breast-straps, all of which are of common construction, except the straps are
25 provided with holes C' near the ends having the buckles.

D represents a metallic protector, one for each strap. It consists of a sheet or strip of metal bent into the form of the letter U and having its edges turned outward, as shown at
30 D', Figs. 2 and 3, near the center. At each end of the protector the edges lap over, forming flanges D², which form sockets D³, to receive the strap, as shown in Figs. 1 and 2.

35 The protector is thus cheaply produced and is

firmly held on the strap by the flanges D², while the out-turned edges D' keep the inner or lower part of the protector from shifting laterally on the strap.

The inside lower part of the protector is 40 made rounding, as shown at D⁴, Fig. 3, so as to have such a bearing on the neckyoke that it will rock freely as the movement of the tongue of the vehicle or the animal changes the relative position of the strap and neck- 45 yoke, which is happening, more or less, continually, and thus no undue strain is had on the parts.

Projecting outward from the central part of the protector may be a pin or teat, D⁵, which 50 fits in the holes C' of the strap to keep the strap from moving through the protector while in use. When the strap becomes somewhat worn in one place the pin, by shifting the protector on the strap, can be changed into an- 55 other hole.

I claim as my invention—

1. The combination of strap C, having holes C', and protector D, having teat D⁵, substan- 60 tially as and for the purpose set forth.

2. A breast-strap protector, consisting of body D, having out-turned edges D', overlapping flanges D², forming sockets D³, and rounded central portion, D⁴, all substantially as shown and described, for the purpose set 65 forth.

PETER C. FRITTS.

Witnesses:

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