

(No Model.)

E. E. ARMSTRONG.
HARNESS SADDLE PAD.

No. 311,940.

Patented Feb. 10, 1885.

Fig. 1

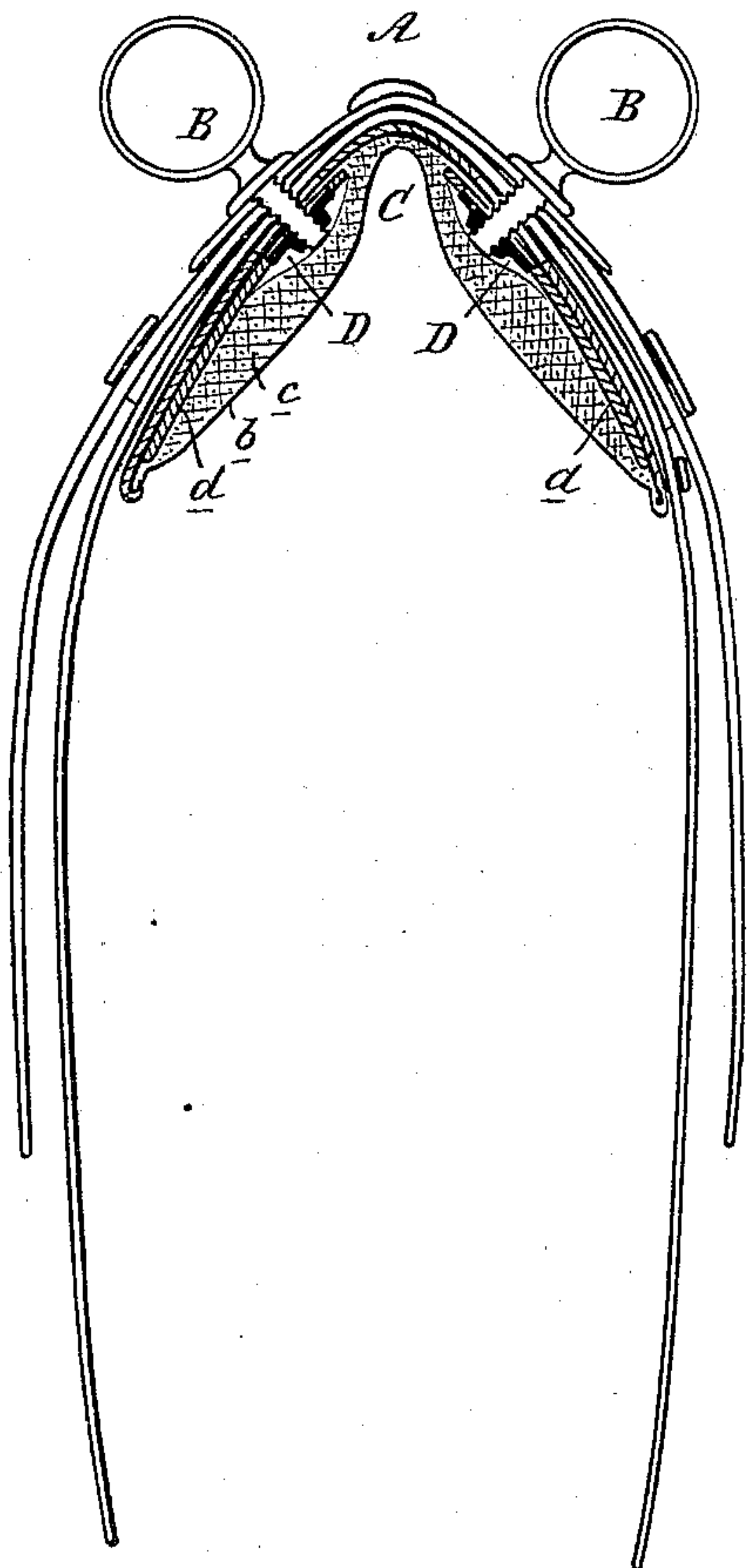


Fig. 2

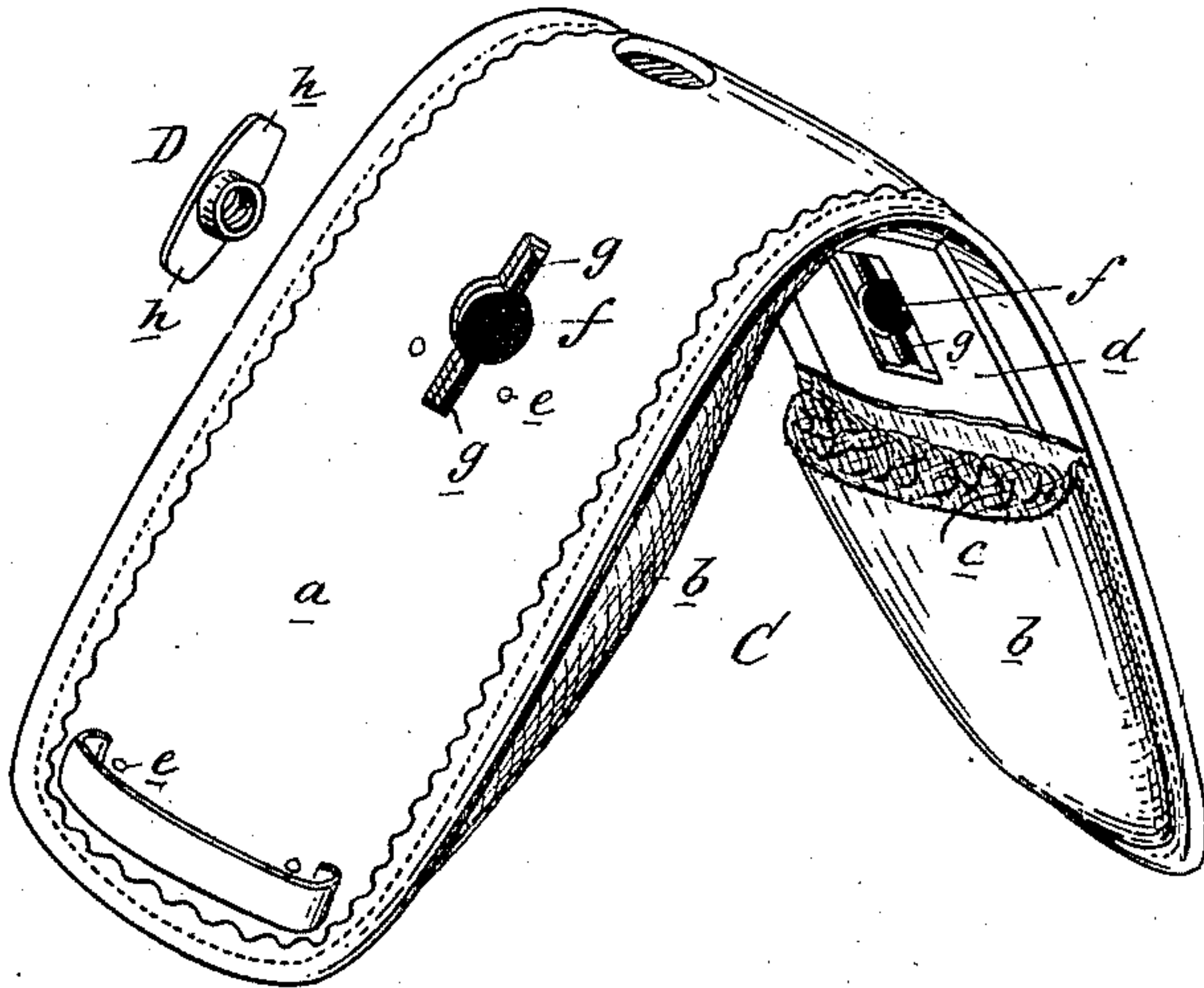
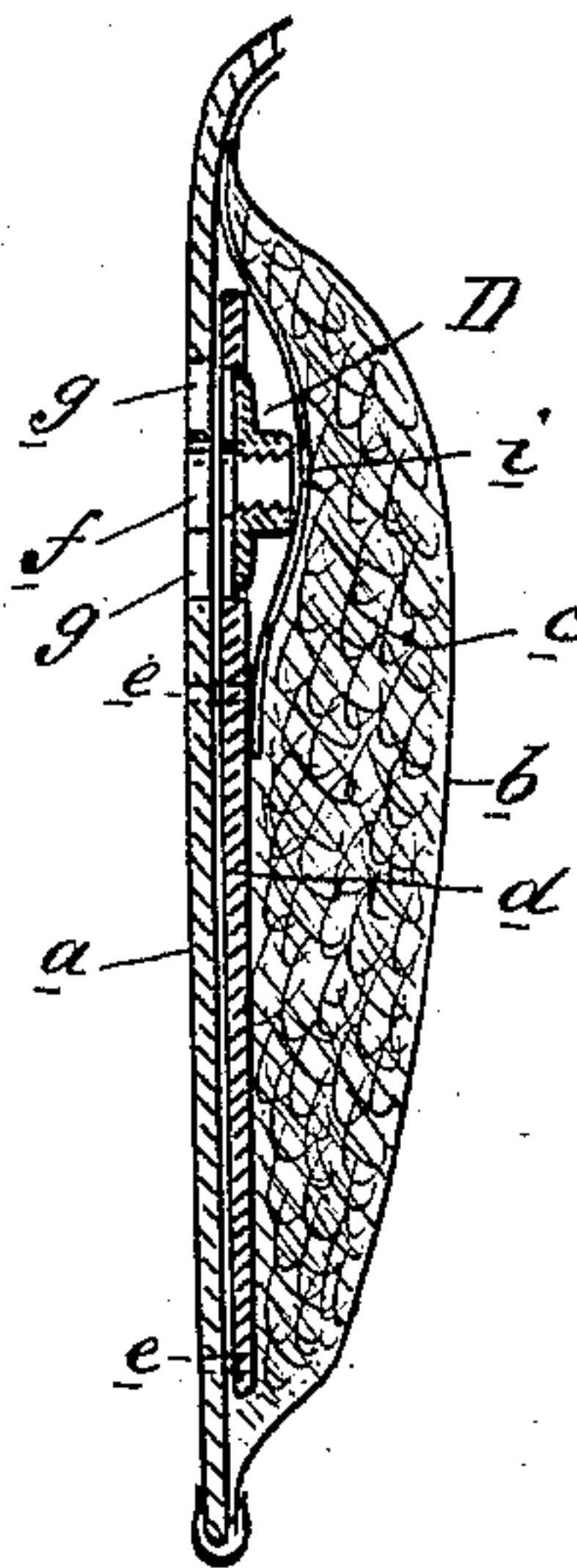


Fig. 3



Attest:
A. Barthel
J. J. Sprague

Inventor:
Edwin E. Armstrong
by his Atty. Thos. J. Sprague

UNITED STATES PATENT OFFICE.

EDWIN E. ARMSTRONG, OF DETROIT, MICHIGAN.

HARNESS-SADDLE PAD.

SPECIFICATION forming part of Letters Patent No. 311,940, dated February 10, 1885.

Application filed November 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, EDWIN E. ARMSTRONG, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful
5 Improvements in Harnesses; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of back-pads for harnesses, by means of which greater facilities are had for changing the style of the trimmings.

15 The invention consists in the peculiar construction of the parts, their combination and operation, as more fully hereinafter described.

Figure 1 is a central vertical section through the saddle and pad. Fig. 2 is an enlarged
20 view, partially in section, of the pad detached. Fig. 3 is a vertical central section through one half of the pad, the other half being a duplicate of it.

In the accompanying drawings, which form
25 a part of this specification, A represents a harness-saddle having attached thereto the usual belly bands or straps. At the proper places this saddle is perforated to receive the shanks of the terrets B, which are threaded
30 and adapted to engage with a suitable nut.

C represents the pad, the upper face, *a*, of which is preferably, although not necessarily, made of patent-leather.

b is the lining of the pad, covering the fill-
35 ing *c*, and *d* is a metallic plate interposed between the softer part of the pad and its upper face, and secured thereto by rivets *e*, or in any other suitable manner. A round hole, *f*, is cut through the upper face and through
40 the metallic plate, so arranged that when the pad is in its relative position with the saddle the perforations in the latter will be coincident with the holes in the former. Extending in opposite directions from the holes *f*
45 are the slots *g*, cut through the face of the pad and coincidently therewith through the metallic plate.

D is a nut adapted to engage with the threaded shank of one of the terrets, and hav-
50 ing extending on two opposite sides the flanges *h*, which must not be longer than the slots *g*. This nut is inserted edgewise in the hole and slots, and forced downward until it can be

turned flatwise within the recess in the metallic plate, with its threaded orifice coincident
55 with the central hole, *f*. Then, the saddle and pad being in juxtaposition, the terret is inserted through the holes in the saddle and engaged by means of the thread on its shank, with the nut concealed in the pad. 60

An awl or other like implement may be employed when it is desired to remove this nut to turn it up edgewise, when it may easily be
65 taken out and replaced by another, if it is desired to change the style of the trimmings.

It will readily be seen that by this construction of the pad the retail manufacturer can apply any kind of trimmings which the
70 purchaser may select, or change them, at pleasure.

To prevent the filling of the pad from being displaced at the point of entrance for the
75 shank of the terret, a cover to the filling is stitched in, as shown at *i*.

I am aware of the Patents Nos. 193,749
and 274,260, and make no claim to anything
shown therein as forming part of my invention.

What I claim as my invention is—

1. The combination, with the pad C, hav-
80 ing hole *f*, with slots *g* extending in opposite directions from said hole, of the metallic plate stiffener *d*, having slotted hole corresponding and coincident with the hole in the pad, and the nut D, having flanges *h*, of less length and
85 thickness than said slots, but of greater width, whereby said nut can be inserted edgewise through said slots, but is prevented from being withdrawn when turned flatwise, substantially as described. 90

2. The combination, with a saddle and the pad C, provided on its upper face with a hole, *f*, having slots *g* extending in opposite
95 directions therefrom, and the metallic plate *d*, having slotted holes corresponding and coincident with the holes in the pad, of the covering *i*, the nut D, removably secured between said covering and plate, and the terrets B, passing through said saddle, pad, and plate,
100 and engaging with said nut, substantially as and for the purpose specified.

EDWIN E. ARMSTRONG.

Witnesses:

H. S. SPRAGUE,

J. A. THOMPSON.