

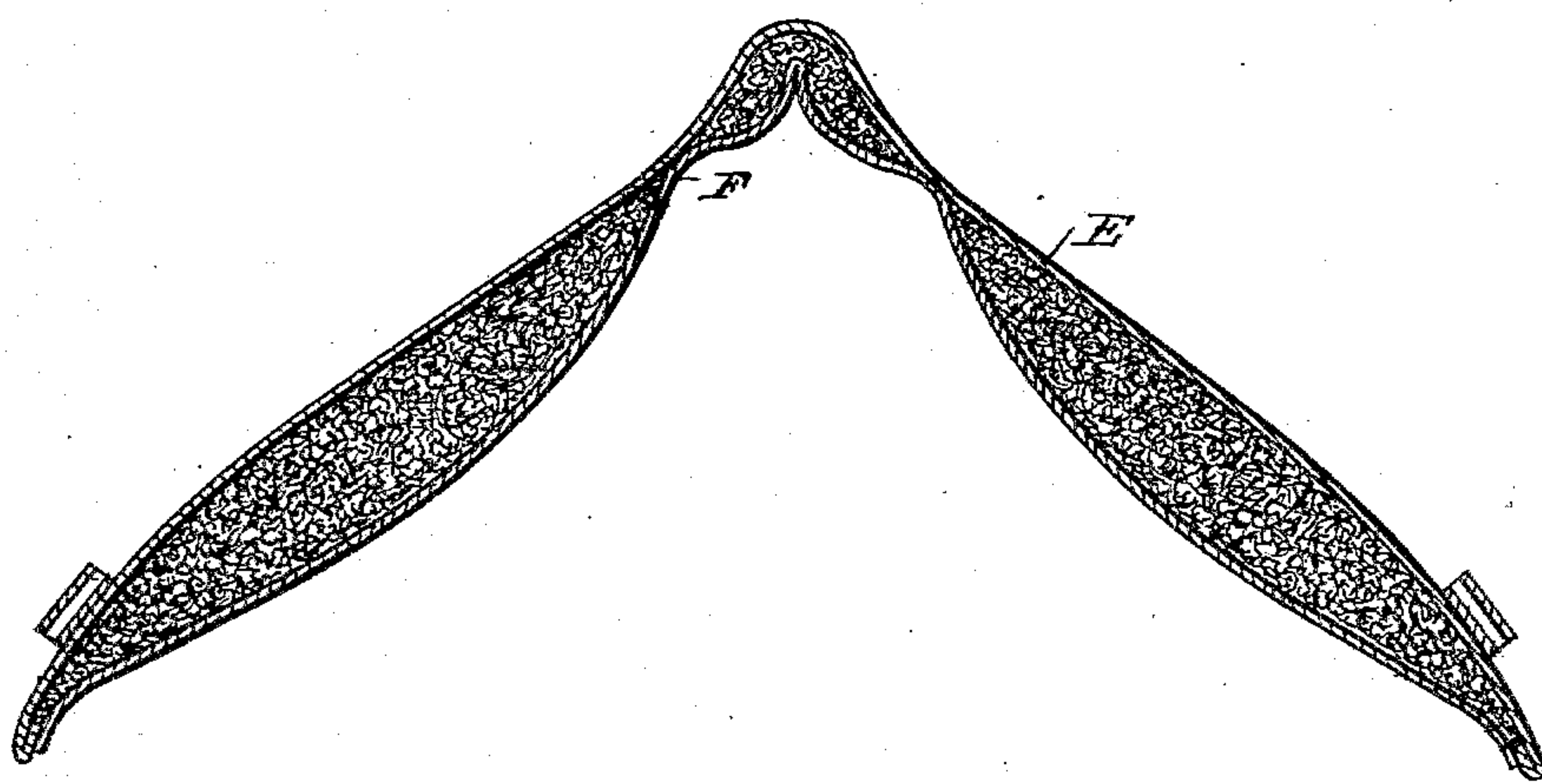
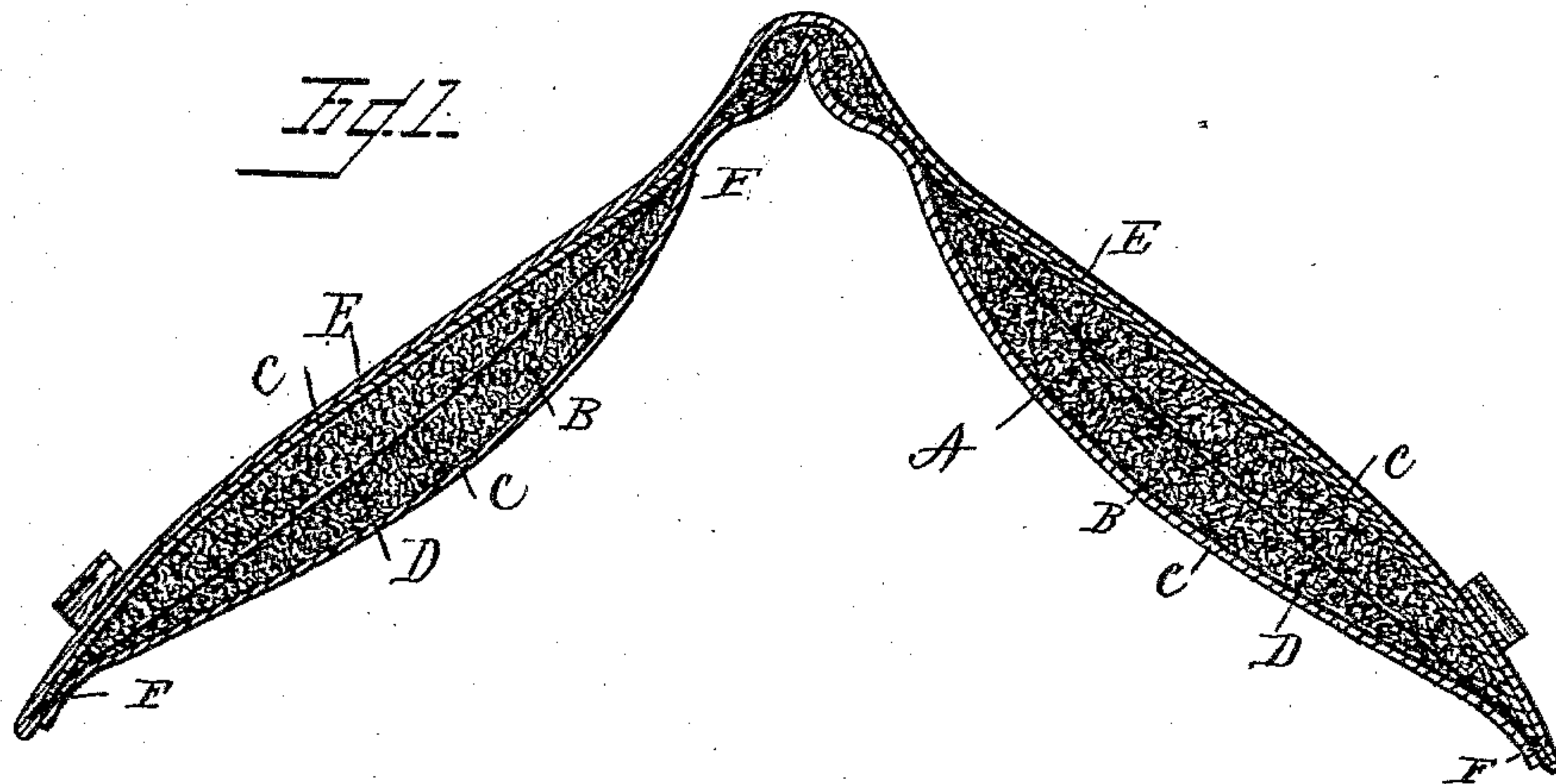
(No Model.)

J. C. HARPHAM.

HARNESS PAD.

No. 296,748.

Patented Apr. 15, 1884.



WITNESSES
F. L. Curran
W. Dashiell

INVENTOR
Julius C. Harpham
by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

JULIUS C. HARPHAM, OF PEORIA, ILLINOIS.

HARNESS-PAD.

SPECIFICATION forming part of Letters Patent No. 296,748, dated April 15, 1884.

Application filed November 13, 1883. (No model.)

To all whom it may concern:

Be it known that I, JULIUS C. HARPHAM, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented a new and useful Harness-Pad, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to harness-pads; and it has for its object to produce a device which shall possess superior advantages in point of simplicity, durability, and general efficiency.

To this end it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a transverse sectional view of one form of my improved harness-pads, and Fig. 2 is a transverse sectional view illustrating a modification.

The same letters refer to the same parts in the several figures.

A in the drawings designates one form of my improved harness-pad, which is, in this case, constructed of two pieces of tanned sheepskin or other skin, retaining the wool or hair, as at B. The two pieces of skin C C are placed together with the wool or hair sides against each other, so as to form the wadding or packing, but separated by an interposed piece of paper, cloth, or other suitable material, as shown at D. The outer piece of skin C is covered with a piece, E, of patent-leather, enameled cloth, or other suitable material which shall protect the pad from the deteriorating effects of moisture, and the pieces C, D, C, and E are connected together by a row of stitching, F, along the edge.

The partition-piece D may, as stated, consist of ordinary paper, cloth, or the like; but I may find it desirable and preferable to substitute carbolized paper or other insect-repelling material, the beneficial effects of which will be obvious.

By the modification shown in Fig. 2, I employ only a single piece of sheepskin or other skin, retaining the wool or hair, which is placed directly against the under side of the

patent-leather covering E, to which it is directly connected by the stitching F. By this construction a thinner and less expensive but nevertheless very efficient pad is made.

Harness-pads have heretofore been made in which two pieces of skin have been placed with the wool or hair sides directly against each other, so as to form the wadding or packing. The object of this has been to prevent the displacement of the wadding, which, when loose, has had a tendency to work down to the edges of the pad; but I have found that when the wool sides have been placed directly in contact with each other there has been a decided tendency of the wool to become matted or felted, and eventually the wool would become loose and work down to the edges of the pad. This is entirely obviated by either interposing the partition D, as in Fig. 1, or by placing the wool side of a single skin directly against the smooth under side of a patent-leather covering, as in Fig. 2 of the drawings.

Various modifications may be resorted to without departing from the spirit of my invention. Thus, for instance, I may substitute for the tanned skin retaining the wool or hair ordinary soft leather, skin, cloth, or other suitable material, to which the wadding, consisting of any suitable material, is secured by cement or other suitable means. I may also use a single piece of sheep or other skin, with the hair or wool turned down, the flesh side being covered with patent-leather, enameled cloth, or other suitable material, and the wool side with cloth, leather, or equivalent material, thereby forming a pad less expensive than heretofore, and which may be found preferable.

I claim as my invention and desire to secure by Letters Patent of the United States—

1. In a harness-pad constructed, essentially, of two pieces of skin retaining the wool or hair, the wool sides being turned toward each other, the herein-described intermediate piece or partition of paper, cloth, or other suitable material, substantially as and for the purpose set forth.

2. As an improvement in harness-pads, the