

(No Model.)

J. PENDERGAST.

HARNESS PAD.

No. 335,477.

Patented Feb. 2, 1886.

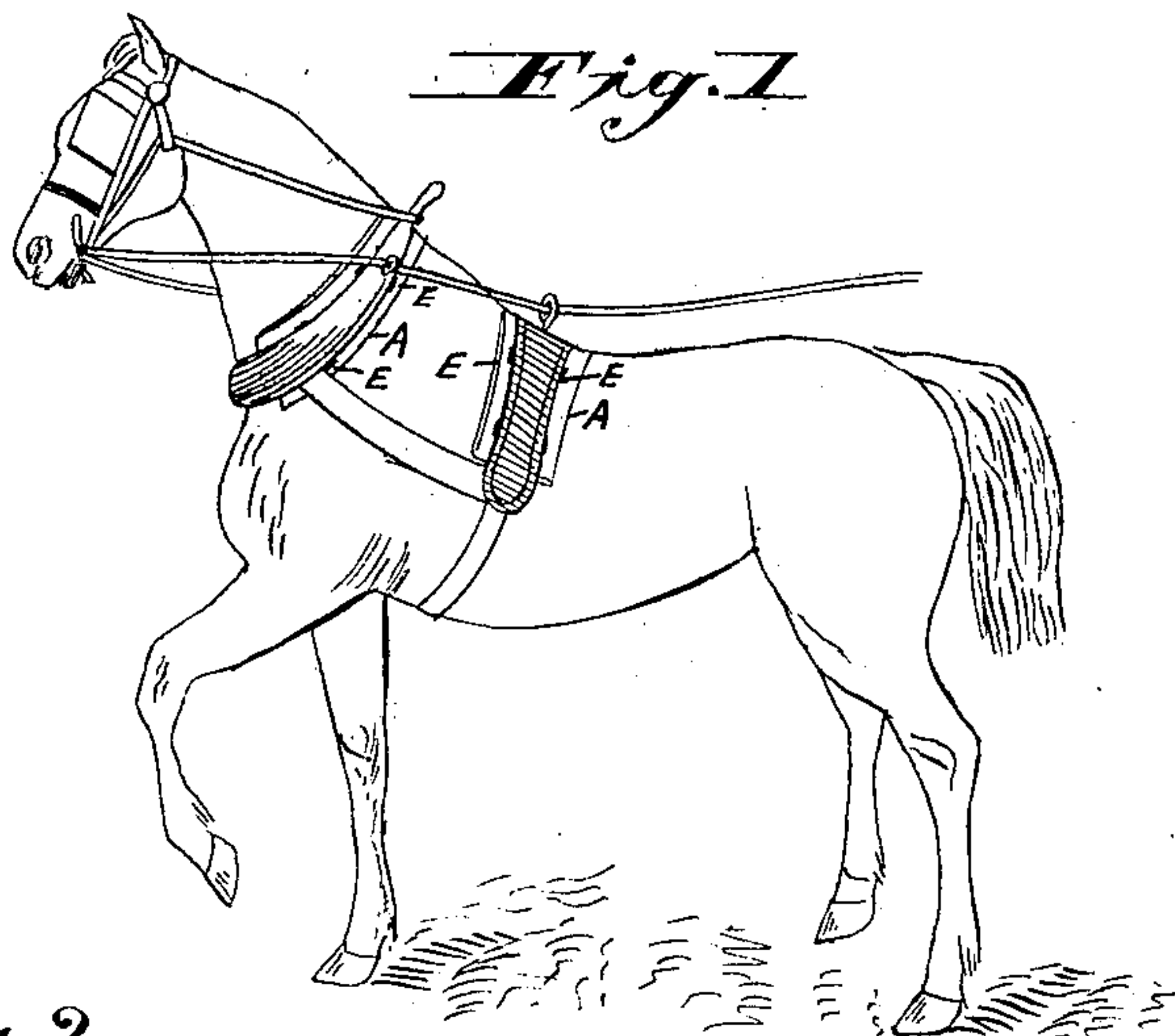


Fig. 2.

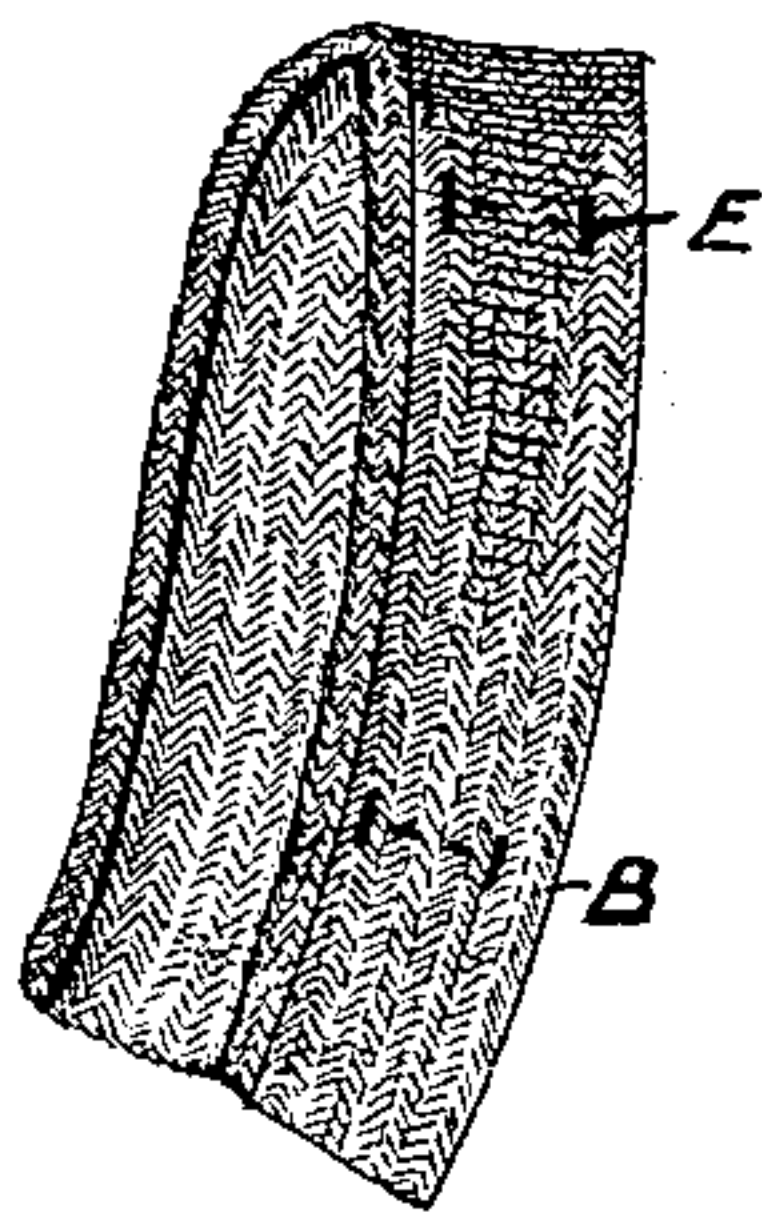


Fig. 4

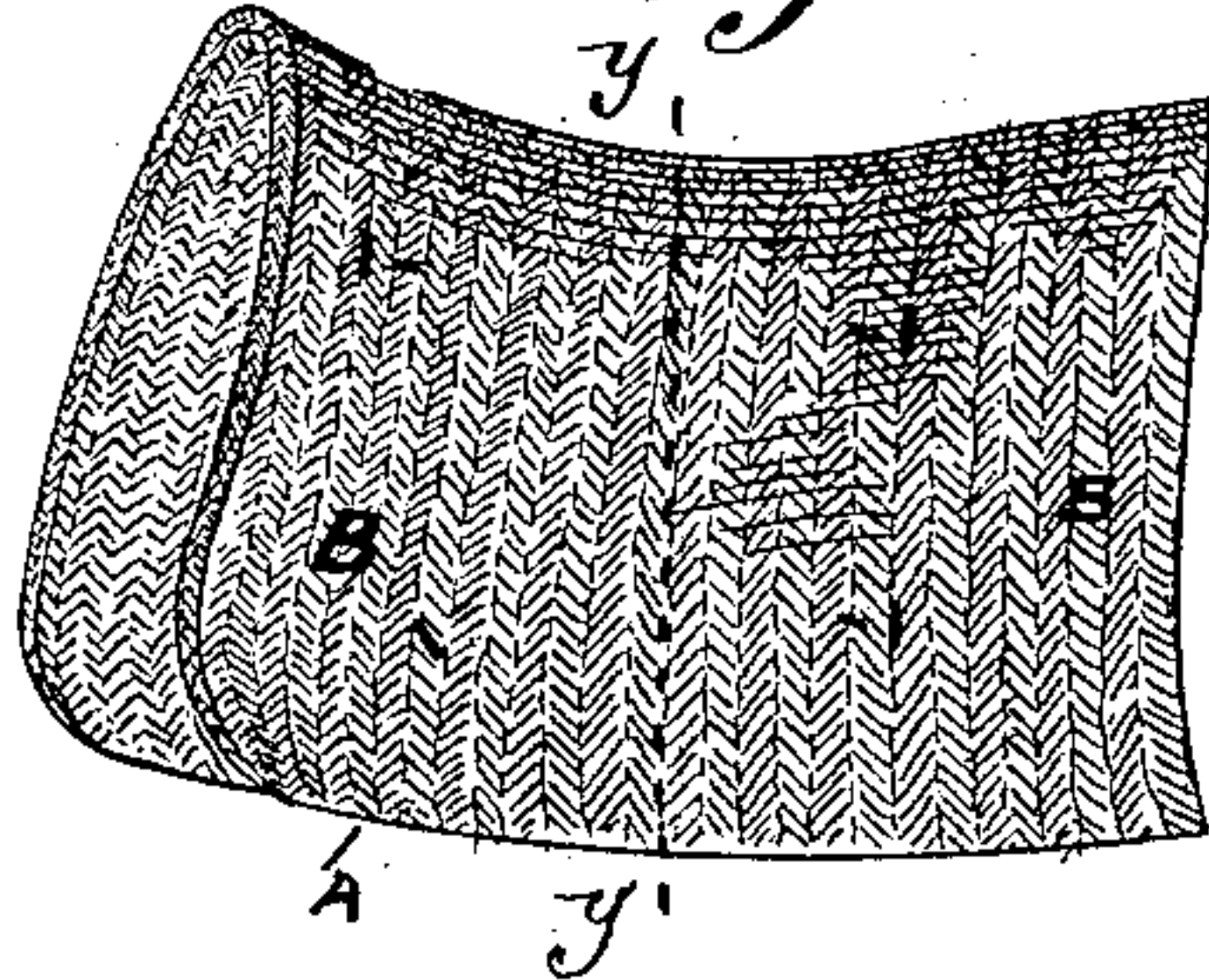


Fig. 3

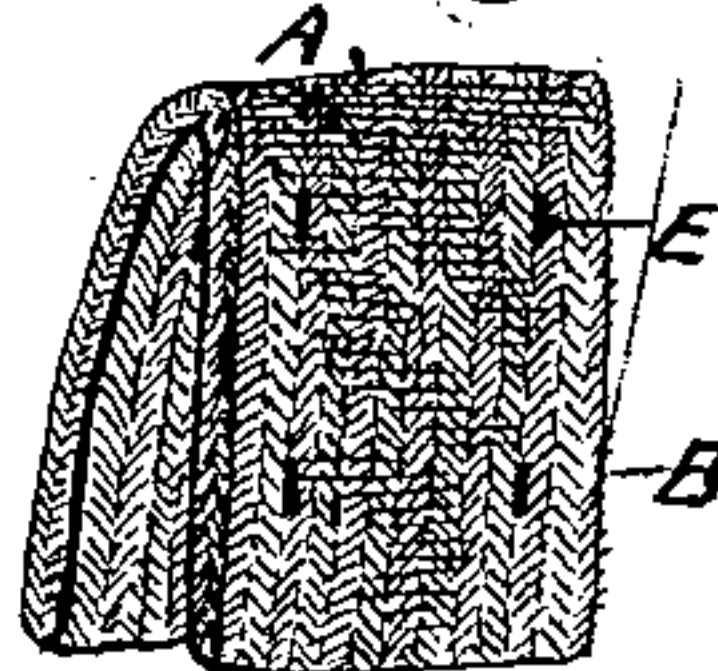


Fig. 5.

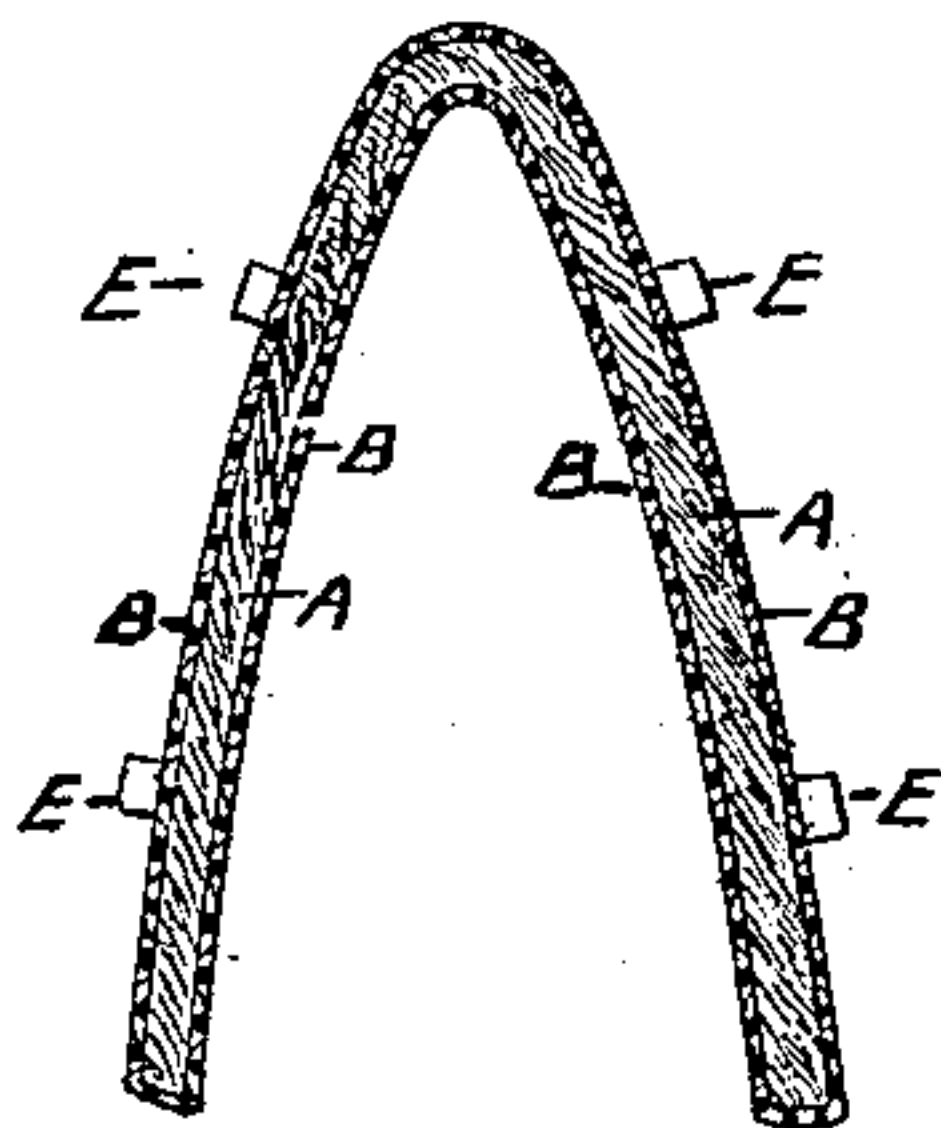


Fig. 6.

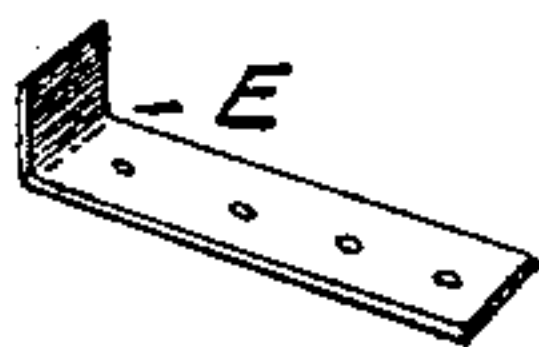
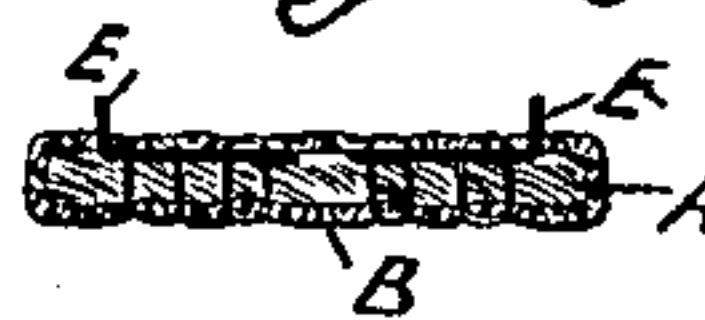


Fig. 7.



Witnesses.
H. S. Bellows
K. E. Bellows.

John Pendergast,
Inventor,
by Brown Brothers.
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN PENDERGAST, OF FRANKLIN, MASSACHUSETTS.

HARNESS-PAD.

SPECIFICATION forming part of Letters Patent No. 335,477, dated February 2, 1886.

Application filed September 4, 1885. Serial No. 176,198. (No model.)

To all whom it may concern:

Be it known that I, JOHN PENDERGAST, of Franklin, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Harness-Pads, of which the following is a full, clear, and exact description.

This improvement in harness pad or cushion consists, in substance, of a pad or cushion composed of a felted material inclosed in an open and elastic knitted covering or casing of any suitable yarns or threads, substantially as hereinafter described.

The invention also consists, in substance, of a pad or cushion composed of a felted material provided with abutment-shoulders attached thereto in any suitable manner and in position to make a rest for the opposite edges or sides of the harness with which it is used, whereby the harness and pad without being fastened together will move as one.

In the accompanying plate of drawings, Figure 1 is a view of a horse, illustrating my improved harness-pad as used in connection with the collar and saddle of the harness. Figs. 2, 3, and 4 are perspective views of the cushions in different forms detached, Fig. 2 illustrating a collar-pad, Fig. 3 a riding-saddle pad, and Fig. 4 a harness-saddle pad. Fig. 5 is a cross-section on line *y y*, Fig. 4. Figs. 6 and 7 are detail views illustrating the shoulders or abutments, Fig. 6 in perspective and detached, and Fig. 7 as attached and in a section across the pad.

In the drawings, A represents a harness pad or cushion. This pad A is made of felted material, and it is inclosed in an open and elastic knitted casing or covering, B, made of yarns or threads, and surrounding the pad on all its several sides and edges. This knitted casing can stretch in any and all directions from strains upon it and without injury thereto. It protects the pad against wear from the harness, keeps it the better in shape and condition, adds considerably to its durability, allows the pad to absorb the perspiration and afterward permits of its evaporation, and the

pad can be readily washed or cleansed without injury, and all without in any way detracting from its utility and capability of ordinary operation.

E E are abutments or shoulders, made of metal and sewed or otherwise attached to the pad, and projecting from one side and at opposite points thereof. These abutments form shoulders or rests for the sides of the harness, and so insure the movement of the pad and harness in conjunction with each other upon the animal, while at the same time there is no direct connection or attachment of the harness to the pad.

Having thus described my invention, I claim—

1. A pad or cushion, A, for harness, made of felt, and an open and elastic knitted covering, B, surrounding and inclosing all sides of the felt, substantially as described, for the purposes specified.

2. A pad or cushion, A, for a harness made of felt, provided with an open elastic covering, B, surrounding and inclosing all sides of the felt, and having shoulders E at opposite points seated between the felt body and its covering and projecting from the outer surface of the pad for confining the harness between but without attachment to said shoulders, substantially as described.

3. A pad or cushion, A, for harness, made of felt, and an open and elastic knitted covering, B, surrounding and inclosing all sides of the felt, and provided with shoulders or abutments E E at opposite points, and projecting from one surface thereof, for confining the harness between but without attachment to them, substantially as described, for the purposes specified.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JOHN PENDERGAST.

Witnesses:

ALBERT W. BROWN,
HENRY F. MCKEEVER.