

(No Model.)

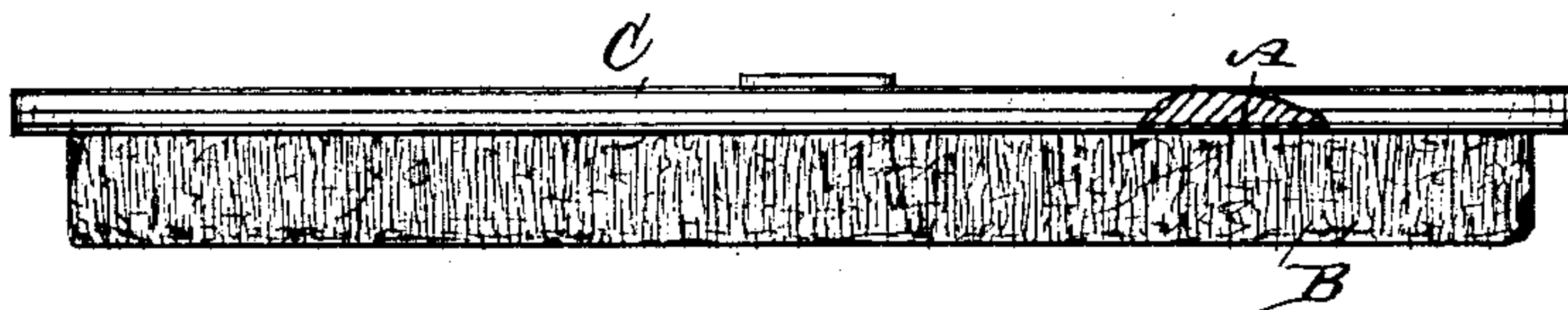
O. L. DORR & T. J. TAMPLIN.

HARNESS PAD.

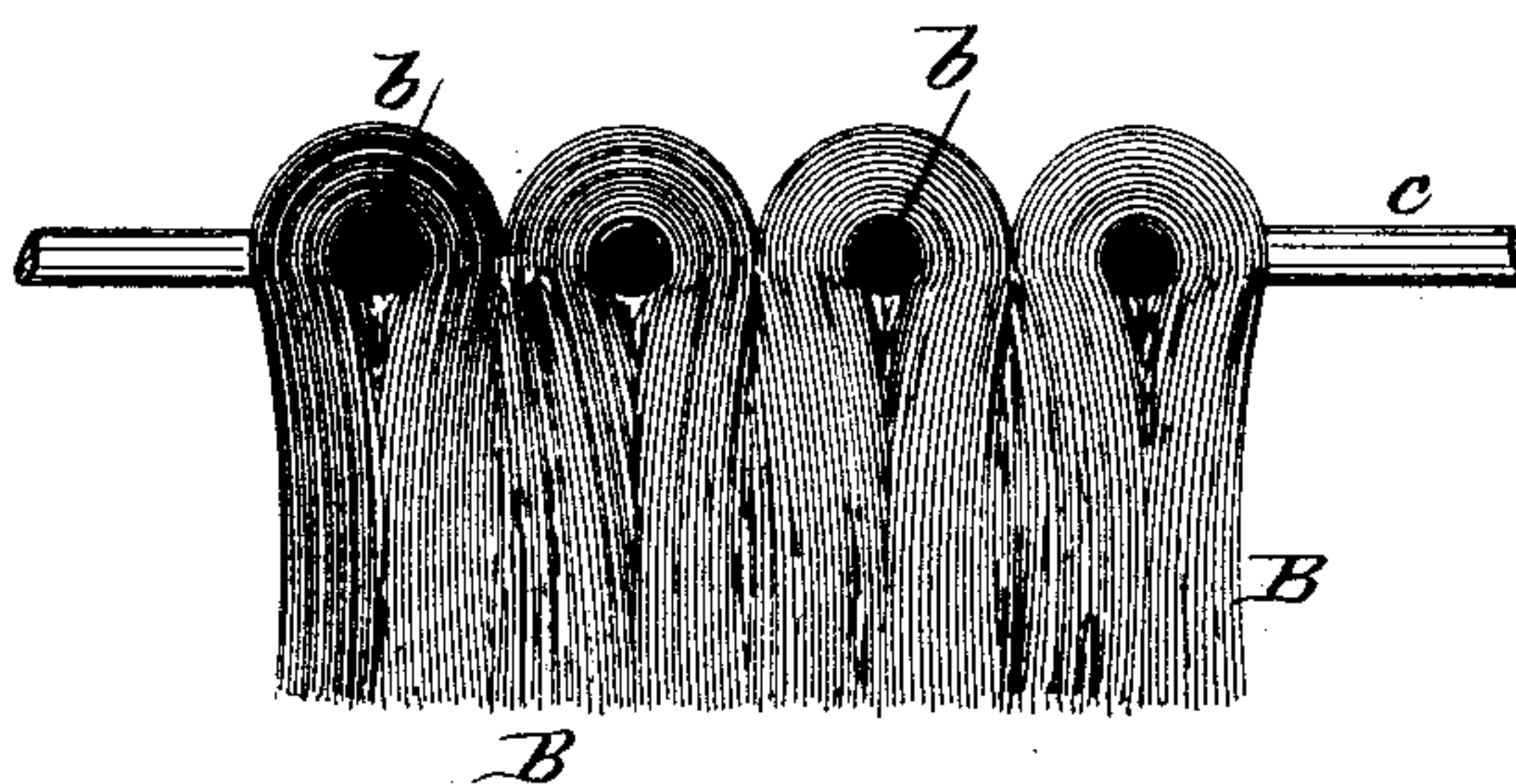
No. 302,548.

Patented July 29, 1884.

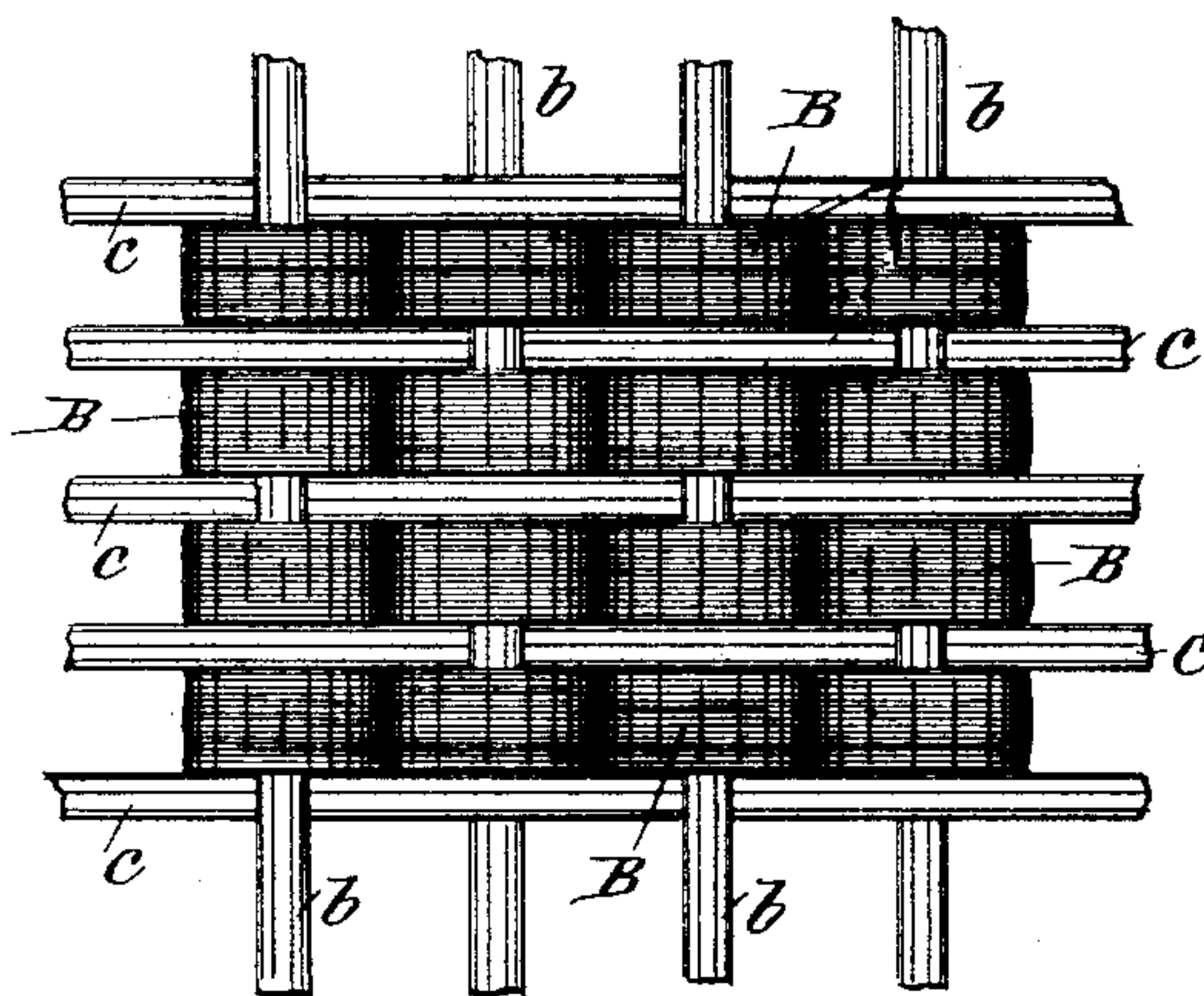
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

*Theo. G. Boston*  
*C. Sedgwick*

INVENTOR:

*O. L. Dorr*  
*T. J. Tamplin*  
BY *Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

OSCAR L. DORR AND THOMAS J. TAMPLIN, OF SOUTH WALPOLE, MASS.

## HARNESS-PAD.

SPECIFICATION forming part of Letters Patent No. 302,548, dated July 29, 1884.

Application filed November 28, 1883. (No model.)

*To all whom it may concern:*

Be it known that we, OSCAR L. DORR and THOMAS J. TAMPLIN, of South Walpole, 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 invention, which is here shown applied to a saddle-pad, is applicable to harness-pads generally, and has for its object the production of a soft and easy harness-pad, which shall be both simple and durable, and which, while equal or superior to a sheep-skin pad, radically differs therefrom in not using the skin of the animal with the wool adhering to it, but, so far as the facing of the pad is concerned, only employing the wool clippings or shearings, thereby using a frequently-renewable product, and leaving the skin of the animal to be otherwise utilized.

The invention consists in an imitation sheep-skin pad in which the wool of the sheep, or it might be other animal, is incorporated with a fabric backing or holder in place of the skin, substantially as hereinafter described.

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

Figure 1 represents a partly-broken side view of a saddle-pad embodying our invention, and Figs. 2 and 3 are respectively a section and plan view upon an enlarged scale—that is, in magnified proportions—of the wool facing of the pad with its backing or holder in part.

In the construction of our improved pad, we take, for instance, pure sheep's wool and draw it through the meshes or interstices of a

piece of knitted or woven fabric—such as cloth or bagging—A, in such manner as to form separate tufts B, each of which is doubled over the crossing threads of the fabric—as, for instance, over the weft-threads *b* and between the warp-threads *c* of a piece of woven fabric, or over the warp and between the weft thereof, whereby the cloth or fabric A constitutes a backing to and holder of the wool. Upon or to the back of this holder is stitched or secured a bound or other covering, C, of any suitable material or materials. This incorporation of the wool tufts with the holder admits of a much closer arrangement or packing of the wool than exists when the wool is on the skin of the animal and a superior wool-faced pad is produced, with the wool firmly secured to its holder, and the whole forming an artificial sheep-skin pad, with the skin, which may be variously utilized, omitted.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In a harness-pad, the combination, with a piece of knitted or woven fabric, A, forming a backing or holder, of the doubled tufts B, incorporated, as shown, with said holder, and essentially as described.

2. In a harness-pad, the combination, with a backing or holder formed of a piece of knitted or woven fabric, A, of the doubled-over tufts B, arranged to project through the meshes of said holder, and the outer covering, C, substantially as specified.

OSCAR L. DORR.

THOMAS J. TAMPLIN.

Witnesses:

JOSEPH TABER,

LAURENCE KEEGAN.