(No Model.)

2 Sheets—Sheet 1.

J. PENDERGAST.

WOOL OR FELT BOOT.

No. 527,717. Patented Oct. 16, 1894.

Fig. 2.

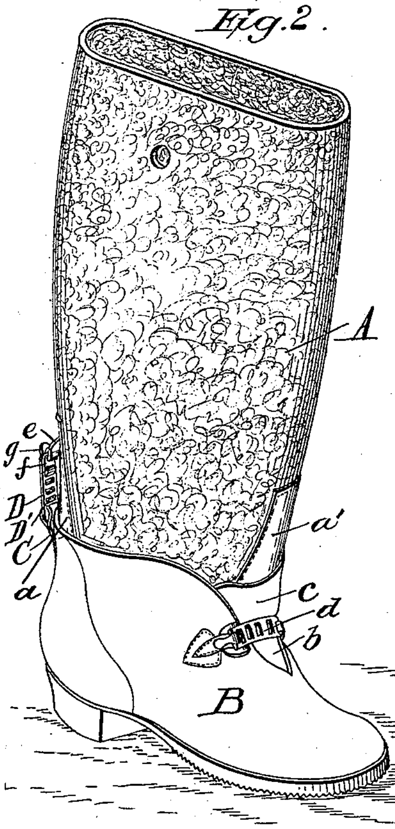

Fig. 1.

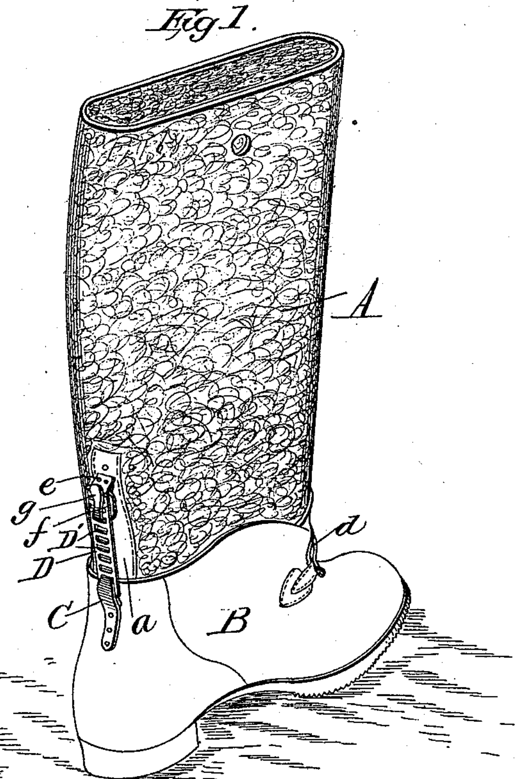

Fig. 6.

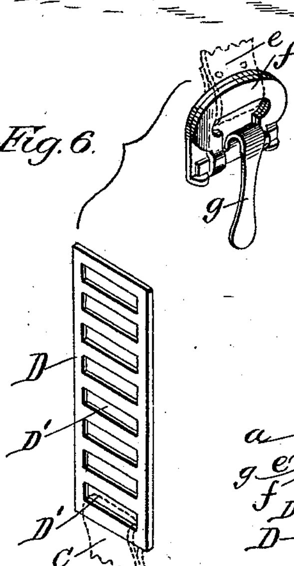

Fig. 3.

WITNESSES:
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[illegible]

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INVENTOR:
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(No Model.) 2 Sheets—Sheet 2.

J. PENDERGAST.

WOOL OR FELT BOOT.

No. 527,717. Patented Oct. 16, 1894.

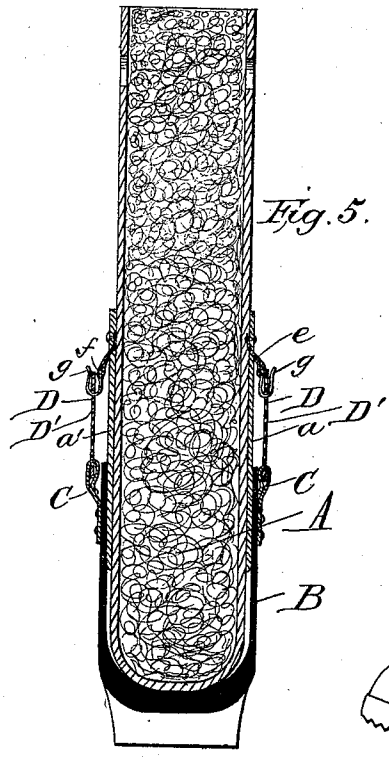

Fig. 5.

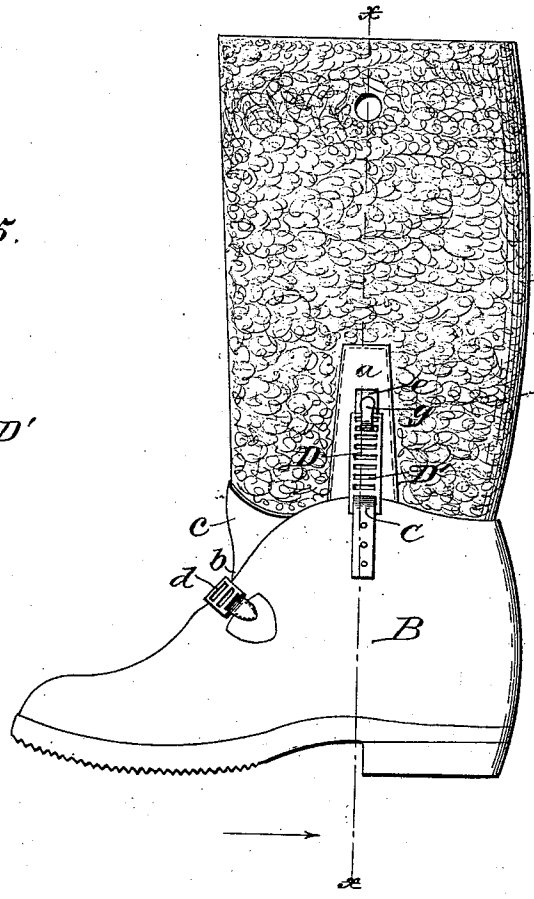

Fig. 4.

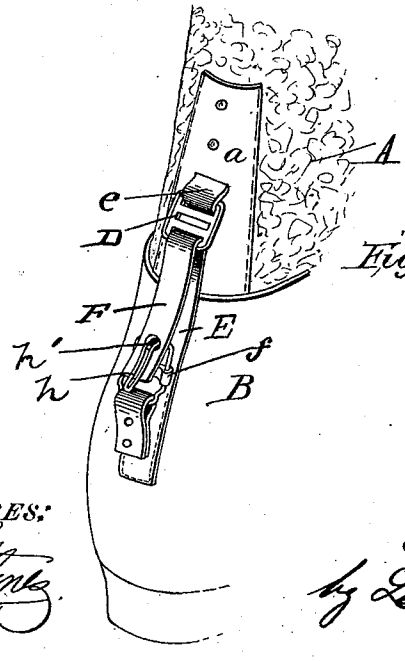

Fig. 7.

WITNESSES:
F. L. Durand.
Frank A. Fenton.

INVENTOR:
John Pendergast.
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his Attorneys.

UNITED STATES PATENT OFFICE.

JOHN PENDERGAST, OF HASTINGS, MICHIGAN.

WOOL OR FELT BOOT.

SPECIFICATION forming part of Letters Patent No. 527,717, dated October 16, 1894.

Application filed March 20, 1894. Serial No. 504,359. (No model.)

To all whom it may concern:

Be it known that I, JOHN PENDERGAST, a citizen of the United States, and a resident of Hastings, in the county of Barry and State of Michigan, have invented certain new and useful Improvements in Wool or Felt Boots; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention has relation to boots made of wool or felt, (and more especially intended for the use of gripmen, drivers, farmers, and others whose occupations require them to spend much time in the open air in inclement weather,) of that type which are provided with a removable overshoe of rubber or other waterproof material; and my improvement consists in the specific construction of the wool or felt boot, as hereinafter more fully described, to adapt it to be used with the removable overshoe in such a manner that on pulling off the overshoe, the boot will come off with it. Ordinarily, with this class of boots, the overshoes are worn the same as with other boots and will pull off as easily, leaving the wool or felt boot clinging to the foot, especially if damp or wet; but by my improvement this is obviated, and not only will the boot come off the foot on pulling off the overshoe, but all wear and chafing of the foot of the wool or felt boot against the overshoe is effectually prevented.

Referring to the accompanying drawings: Figure 1 is a perspective view of my improved wool or felt boot, looked at from the heel end. Fig. 2 is a similar view of the same as it appears from the front or toe end. Fig. 3 is a longitudinal sectional view through the middle of the boot-leg, foot, and removable overshoe. Fig. 4 is a side view of a boot embodying my improvement in a modified form. Fig. 5 is a transverse sectional view, on line x—x, of the boot illustrated in Fig. 4. Fig. 6 is a detail view of the flexible fastening for connecting the overshoe to the boot; and Fig. 7 is a detail view of still another modification of the heel-fastening device.

Like letters of reference designate corresponding parts in all the figures.

The boot proper, shown at A, is of wool, felt, or equivalent material of a soft texture, calculated to keep the leg and foot of the wearer warm and well protected. The overshoe, shown at B, is preferably of rubber, and is provided with the usual slit or opening b at the instep, having an inside tongue c and straps or buckles d for buckling the flaps together across the instep and cause the overshoe to fit snugly on the foot.

The wool or felt boot A is provided at the instep with a guard or reinforcing flap, a', of leather, and the heel part is similarly provided with another leather guard, shown at a. Upon the latter is securely fastened a depending leather strap e, to the lower end of which is attached a metal plate f, provided with a hinged spring-tongue g, as will appear more clearly on reference to the detail view, Fig. 6.

The heel of the overshoe B is provided with a flexible strap C, to the free end of which is attached a metal plate D, having a series of parallel transverse slots D′ D′, adapted to engage the spring-tongue g appertaining to plate f, so that the two may be interlocked, as shown in Figs. 1, 2 and 3.

By fastening the strap e to the leather heel-guard or reinforcing flap a, all danger of ripping or tearing the wool or felt part of the leg of the boot is effectually obviated, as the strain or pull between the heel-part of the overshoe and the heel-part of the wool or felt boot comes upon this reinforcing-flap a. Besides, by attaching plate f with its spring-tongue g to the lower end of a flexible strap (e), instead of upon the reinforcing-guard a itself, the fastening comprised by the spring-tongue g and slotted plate D, which it engages, has a certain degree of play or free movement, which enables the wool or felt boot to adjust itself properly within the overshoe much better than if the interlocking fastenings were rigidly attached to the wool or felt boot and overshoe, respectively.

While I prefer to use a single flexible or yielding fastening at the heel, as represented in Figs. 1, 2 and 3, this arrangement may be modified by placing the fastenings for the overshoe on the sides of the wool or felt boot,

with corresponding interlocking fastenings on the sides of the overshoe, as represented in Figs. 4 and 5, in which case, of course, the sides of the felt boot should be provided with leather reinforcing flaps *a* and *a'* for the attachment of the plate-strap *e*.

Again, if desired, the arrangement of the slotted plate D and its co-operating plate provided with the spring-tongue may be reversed, as illustrated in Fig. 7, without departing from the spirit of my invention, in which case the flexible heel-strap E is made with a tongue or extension F, which may be inserted through one of the slots in plate D and then doubled upon itself and fastened to the interlocking spring-tongue *h* by inserting the latter through an aperture *h'* in the adjacent end of the leather-tongue F.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. As an improved article of manufacture, a wool or felt boot provided with leather reinforcing flaps *a* and *a'*, to which are attached flexible straps *e* provided at the free end with a plate *f* having a hinged spring-tongue *g* at its lower end adapted to engage a slotted plate connected flexibly to the juxtaposed portion of a removable overshoe; substantially as and for the purpose shown and set forth.

2. The combination with a wool or felt boot provided with leather reinforcing flaps *a* and *a'* to which are attached flexible straps *e* provided at the free end with a plate *f* having a hinged spring-tongue *g* at its lower end, of a removable waterproof overshoe B provided with a flexible strap or straps having a slotted plate at the free end adapted to engage the juxtaposed spring-tongue appertaining to the boot; substantially as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOHN PENDERGAST.

Witnesses:
FRED. WOLCOTT,
PETER BELLAN.