

No. 862,986.

PATENTED AUG. 13, 1907.

J. MOORE.  
BOOT HOOK.  
APPLICATION FILED APR. 25, 1906.

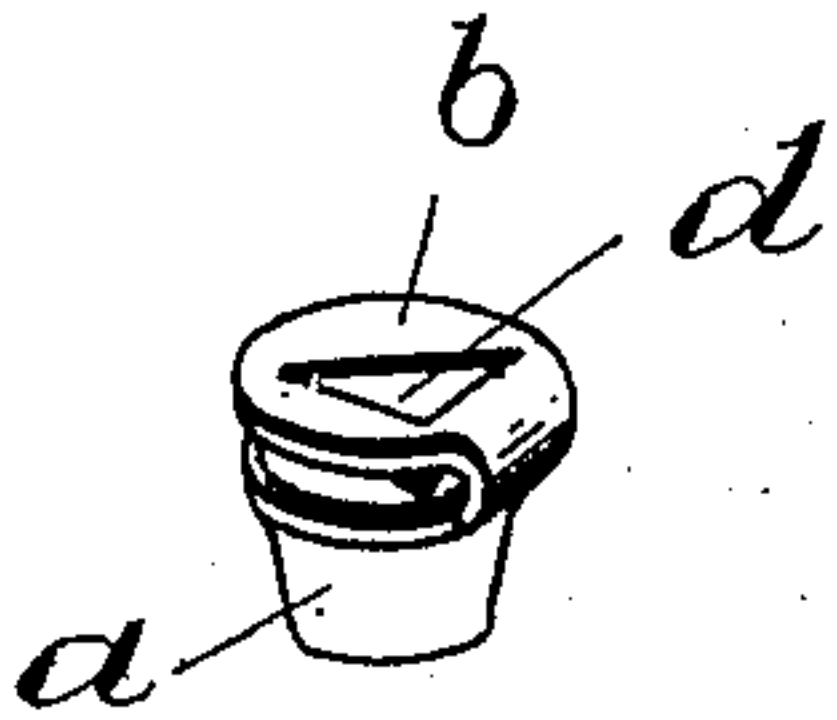


FIG. 1.

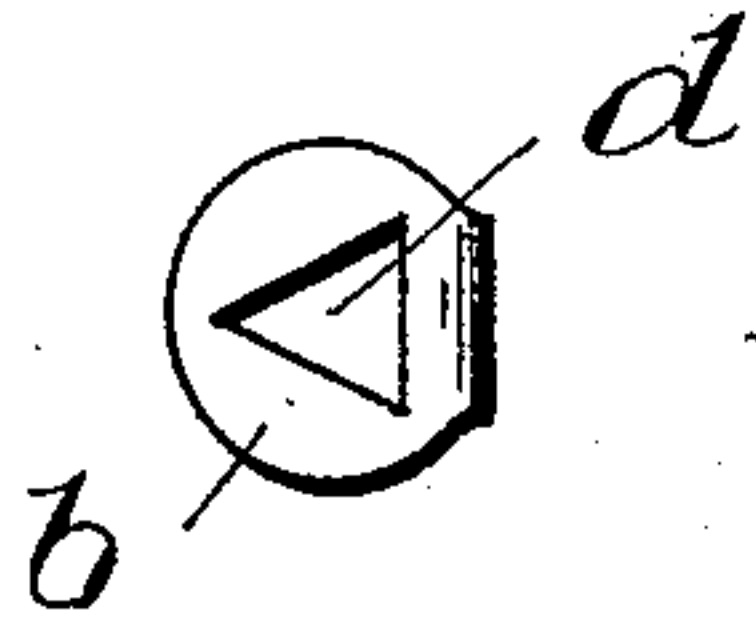


FIG. 2.

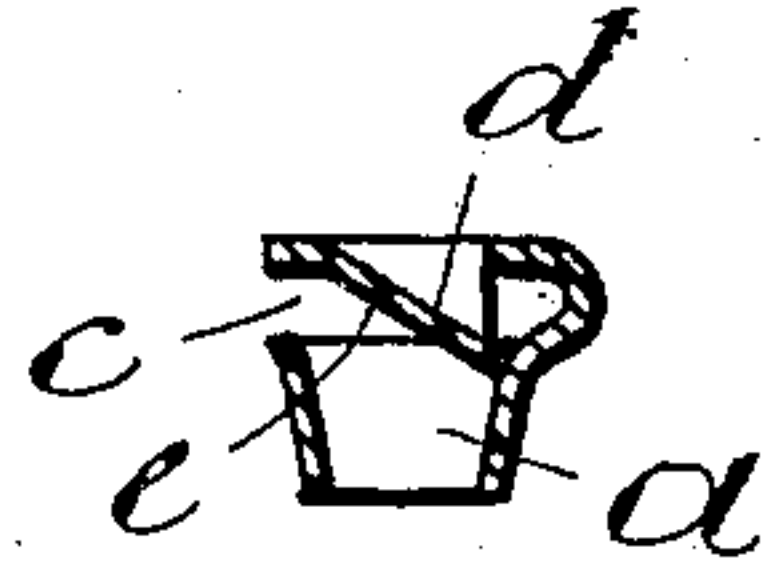


FIG. 3.

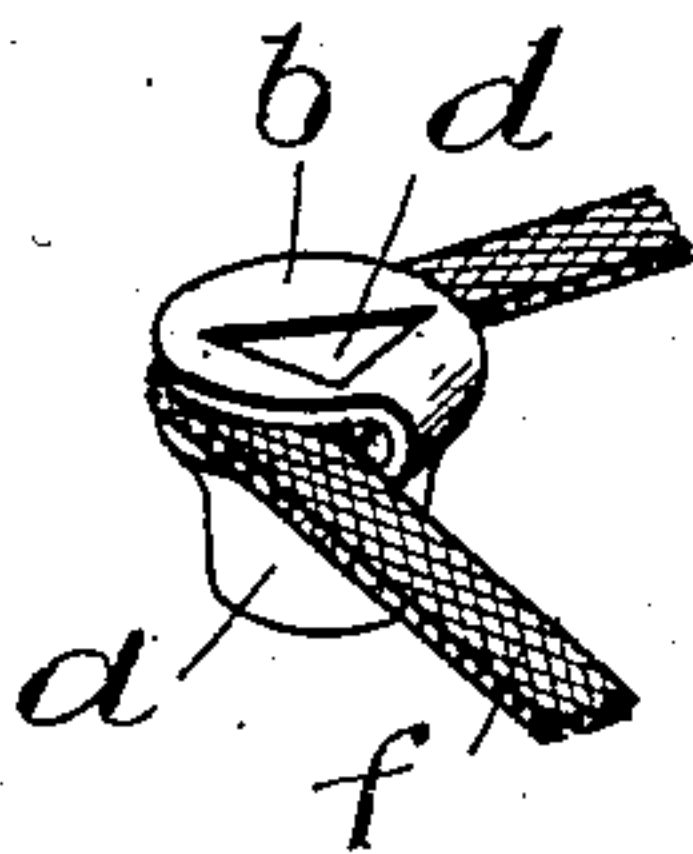


FIG. 4.

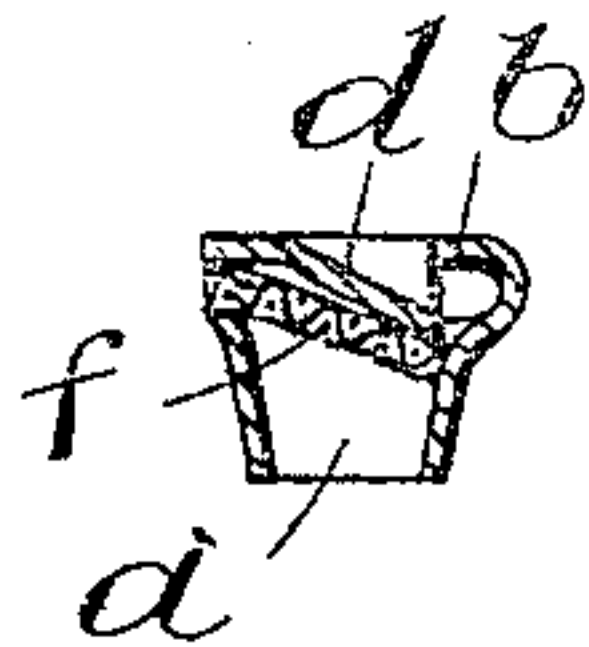


FIG. 5.



FIG. 6.

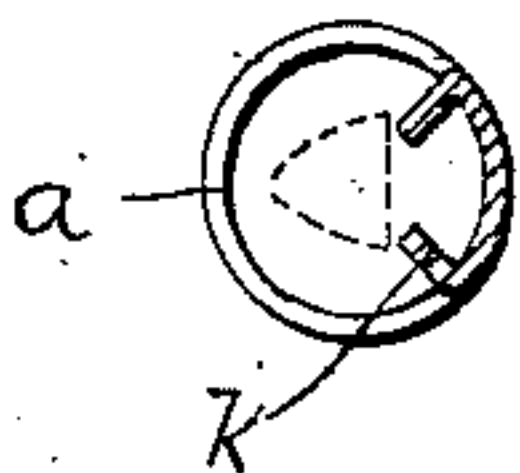


FIG. 9.

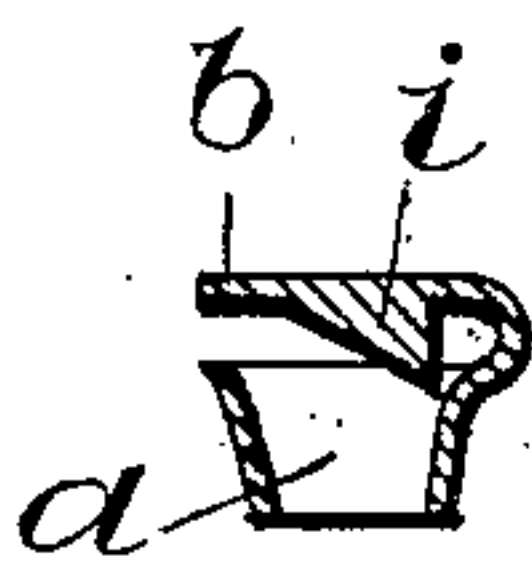


FIG. 7.

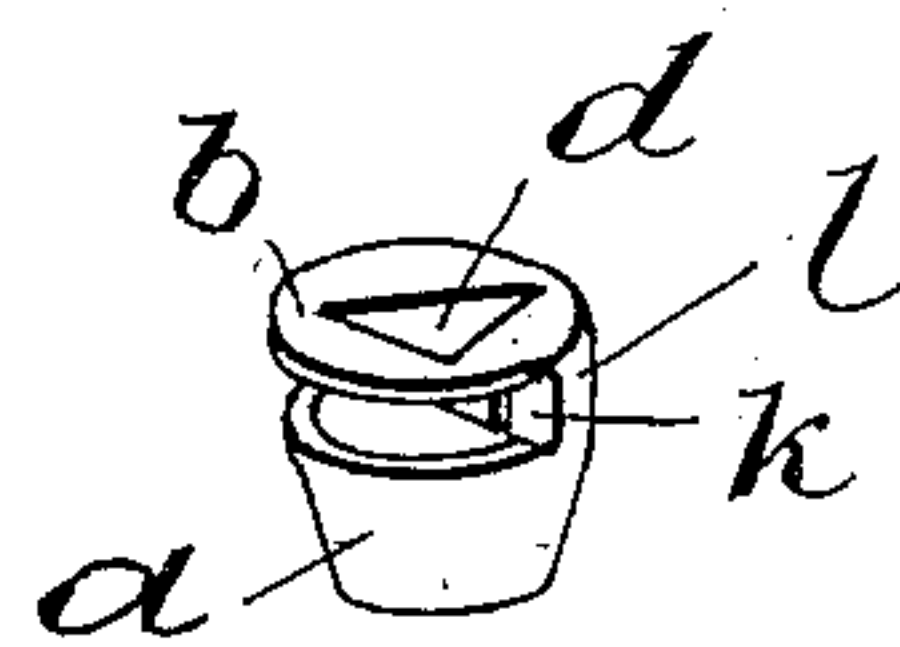


FIG. 8.

WITNESSES

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ATTY

# UNITED STATES PATENT OFFICE.

JAMES MOORE, OF STRATFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF TO THOMAS FLEMING, OF OTTAWA, CANADA.

## BOOT-HOOK.

No. 862,986.

Specification of Letters Patent.

Patented Aug. 13, 1907.

Application filed April 25, 1906. Serial No. 313,663.

To all whom it may concern:

Be it known that I, JAMES MOORE, of the town of Stratford, in the State of Connecticut, machinist, have invented certain new and useful Improvements in

5 Boot-Hooks, of which the following is a specification.

My invention relates to improvements in hooks of the type employed to hold the lace on boots and shoes and the objects of my invention are to provide a simple form of hook of this type having means on the under surface thereof for taking up the slack in the lace 10 hooked around it whereby the lace will be held flat in position and will completely fill up the space between the base and the hook proper thus preventing the hook from becoming entangled in a lady's skirt 15 or other fabric with which it comes in contact; and it consists essentially of the improvements hereinafter described and specifically set forth in the appended claims.

Figure 1 is a perspective view of my hook. Fig. 2 20 is a top view of the same. Fig. 3 is a transverse sectional view. Fig. 4 is a perspective view with the lace in position. Fig. 5 is a sectional view through Fig. 4. Fig. 6 indicates a lace alone when bent. Fig. 7 is a sectional view through an alternative form 25 of hook. Fig. 8 is a perspective view of a still further modified form. Fig. 9 is a horizontal section through the form shown in Fig. 8 between the hook and base thereof.

In the drawings like letters of reference indicate 30 corresponding parts in each figure.

*a* is the base of the hook of the usual form and by means of which the hook is adapted to be riveted to the boot or shoe on which it is used.

*b* is the hook proper which is preferably as shown, 35 formed integral with the base. The top of this is preferably flat as shown and the space *c* between the hook and the base is made somewhat narrower than in the ordinary form of hook. Downwardly stamped out from the top of the hook is a wedge-shaped projection 40 *d* the lower face *e* of the wedge being downwardly and rearwardly inclined. The hook is attached to the boot in the ordinary manner and the lace hooked around it.

Fig. 6 shows approximately the form of the lace *f* when bent as it would be around the hook. It will be 45 observed that at the bending point *g* a certain amount of slack is left in the lace and with the ordinary form of hook this slack will become wrinkled and will destroy entirely the desirable flat form of the lace. In my hook however, this slack is taken up by the wedge- 50 shaped projection which fills it out and thus causes the whole lace to lie flat and retain its shape. An additional advantage is secured by having the lace held flat in this manner since the space between the hook and the base may be made so narrow that the 55 lace will completely fill it up and so there will be no part of the hook projecting to catch in a lady's skirt or other loose material with which it comes in contact.

In the form shown in Fig. 7 the projection *i* instead of being stamped out is formed integral with the hook 60 or swaged thereon.

In the form shown in Fig. 8 the edges *k* of the connecting portion *l* of the hook extending between the top *b* and the base *a* are turned inwardly which will narrow the width of the connecting piece *l* and so pre- 65 vent the lace from coming in contact therewith. The wear on the lace will by this means be saved considerably.

While I have described with great particularity of detail certain specific embodiments of my invention 70 yet it is not to be understood therefrom that the invention is limited thereto as certain changes might be made in the construction within the scope of the appended claims without departing from the spirit of my invention. 75

What I claim as my invention is:

An improved boot hook comprising a suitable base, a hook integral therewith having a projecting lug on the undersurface thereof which is formed with a gradually enlarged, downwardly extending rear portion adapted to 80 fit on the inside of the lace secured around the hook and fill the slack therein as and for the purpose specified.

Signed at Ottawa, in the Province of Ontario, this 20th day of April, 1906.

JAMES MOORE.

Witnesses:

RUSSEL S. SMART,  
MAX LYON.