

(No Model.)

S. N. SMITH.

LACING HOOK.

No. 346,176.

Patented July 27, 1886.

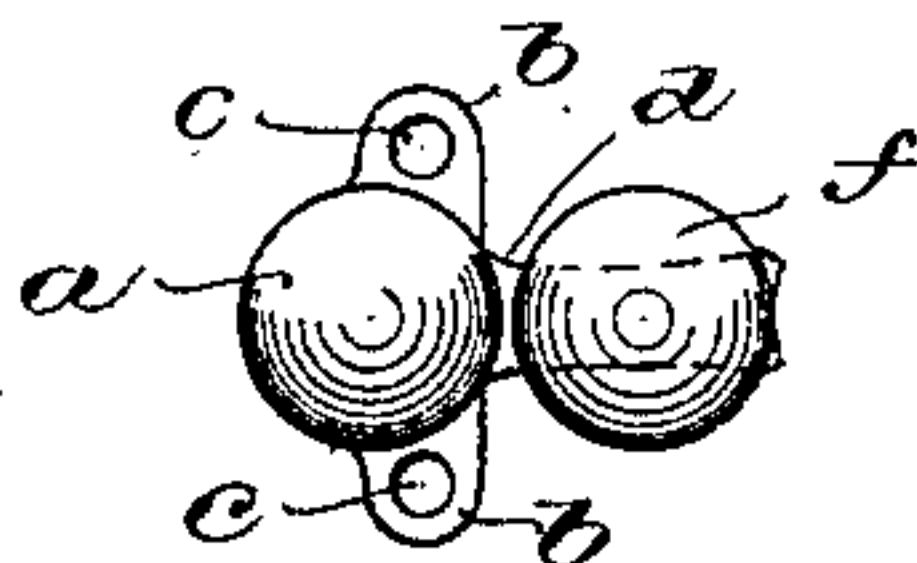


FIG. 1.

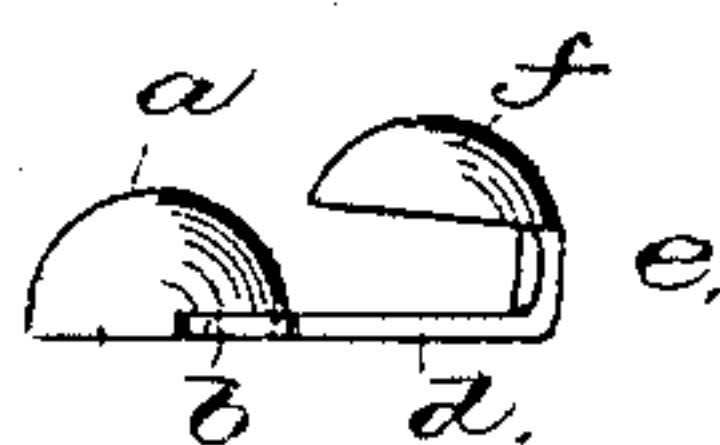


FIG. 2.

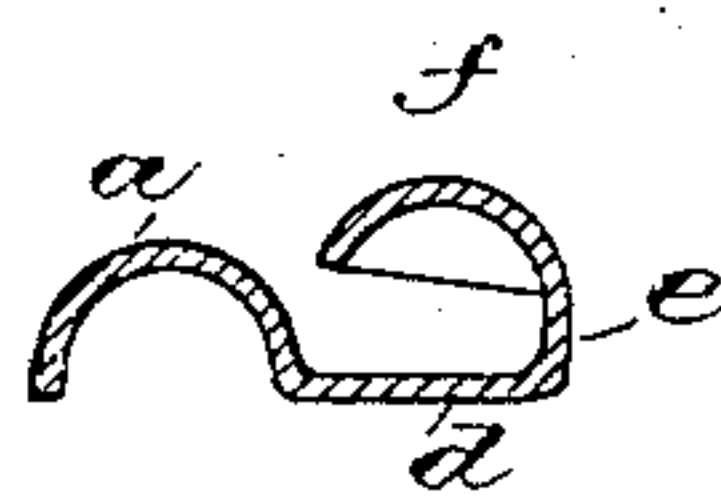


FIG. 3.

WITNESSES.

Frank R. Emery.
John F. L. Pringle.

INVENTOR.

Stephen N. Smith
by Gregory T. Langer
attys.

UNITED STATES PATENT OFFICE.

STEPHEN N. SMITH, OF PROVIDENCE, RHODE ISLAND.

LACING-HOOK.

SPECIFICATION forming part of Letters Patent No. 346,176, dated July 27, 1886.

Application filed May 12, 1886. Serial No. 201,947. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN N. SMITH, a citizen of the United States, and residing in the city and county of Providence and State of Rhode Island, have invented an Improvement in Lacing-Hooks, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

In lacing-hooks employed on dress fabrics, gloves, and other articles of apparel it is necessary, as is well known, to provide sufficient space or opening between the hook proper and base or shank portion to permit the passage of a lacing-cord between the parts, so as to be engaged or retained by the hook; and various constructions have been employed to retain this necessary feature, and yet prevent, to a certain extent, laces and other fine and delicate fabrics from being caught upon the hooks, and thus avoid damage to such articles as well as annoyance and trouble to the wearer.

The object of this my present invention is to provide a lacing-hook of such construction as will prevent, to a great extent, laces and other articles from being caught by the hook proper of the lacing-hook when in use.

To this end the invention consists, primarily, of a lacing-hook composed of a base portion having means to secure it to fabric, a dome or boss preferably formed thereon, and an arm provided with a hook having a crown which extends backward and more or less over and above said arm, with its face end toward the boss or dome of the base, as hereinafter fully set forth, and particularly pointed out in the claim.

Figure 1 shows in plan view my improved lacing-hook; Fig. 2, a side elevation thereof, and Fig. 3 a vertical longitudinal section of Fig. 1.

In the present instance the lacing-hook is formed and struck up from a single piece of metal, and is composed of the dome or boss *a*,

the wings or ears *b*, having eyes *c* to enable the lacing-hook to be secured to fabric, and the lateral arm *d*, which parts constitute the base portion of the lacing-hook. The arm *d* has integral therewith the neck *e* and crown *f*, the said neck and crown forming the hook proper, as shown. The crown *f* extends backwardly over and above the arm *d*, and toward the dome or boss *a*, there being shown sufficient opening or space between the free end or portion of said crown next the dome and the dome itself to permit the passage of a cord or lace between them. The dome is also shown as extending above the plane line of the base of the crown *f*, whereby in practice the sloping or rounded walls of the dome, in connection with its height, prevent the catching of laces and other delicate fabrics on the hook, since the said sloping walls have the effect or tendency of causing the threads of lace brought in contact therewith--as by being drawn or brushed against them, to be thrown off therefrom in the line or curve of said walls.

The form of hook shown, besides its other features of novelty and utility, presents a unique and novel appearance, and is well designed for the purposes for which it is more especially intended--namely, to be employed in connection with fabrics for ladies' dresses and other garments.

I claim--

As an improved article of manufacture, a lacing-hook formed from a single piece of metal, and consisting, essentially, of a base portion having ears with openings or eyes, a dome, *a*, an arm, *d*, the neck *e*, and crown *f*, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

STEPHEN N. SMITH.

Witnesses:

GILMAN E. JOPP,
HENRY B. ROSE.