

(No Model.)

W. H. SMIDT.
SHOE LACING HOOK.

No. 413,099.

Patented Oct. 15, 1889.

Fig 1

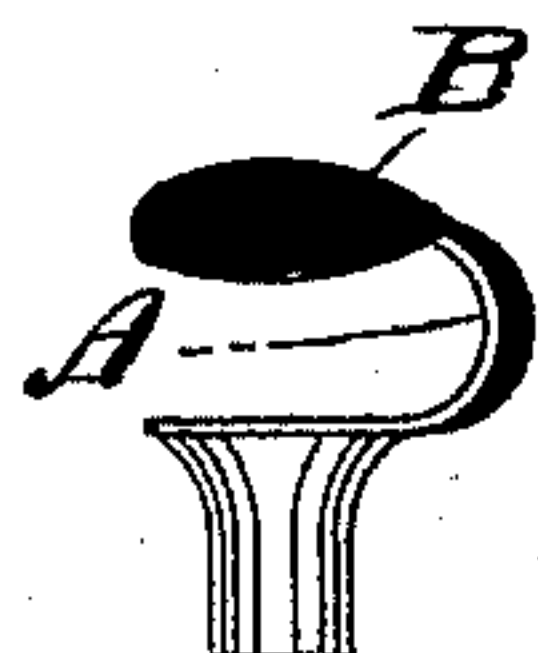


Fig 2

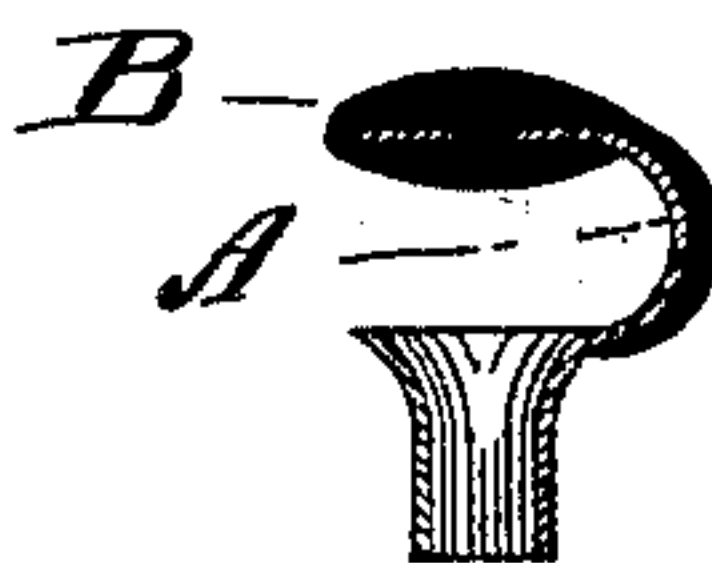


Fig 3

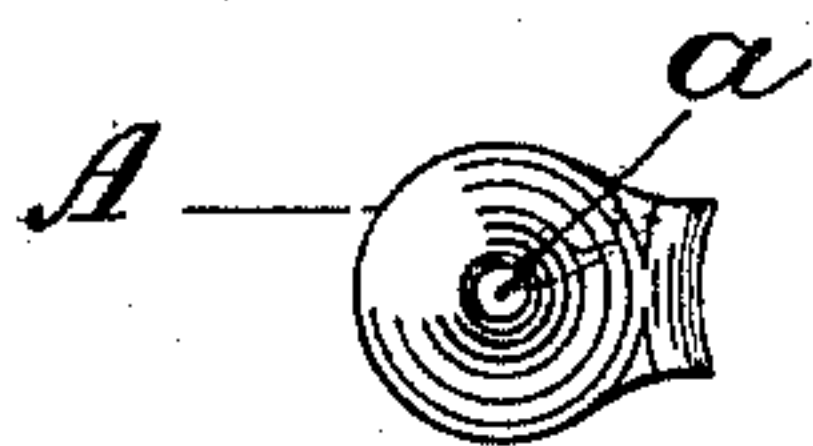


Fig 4

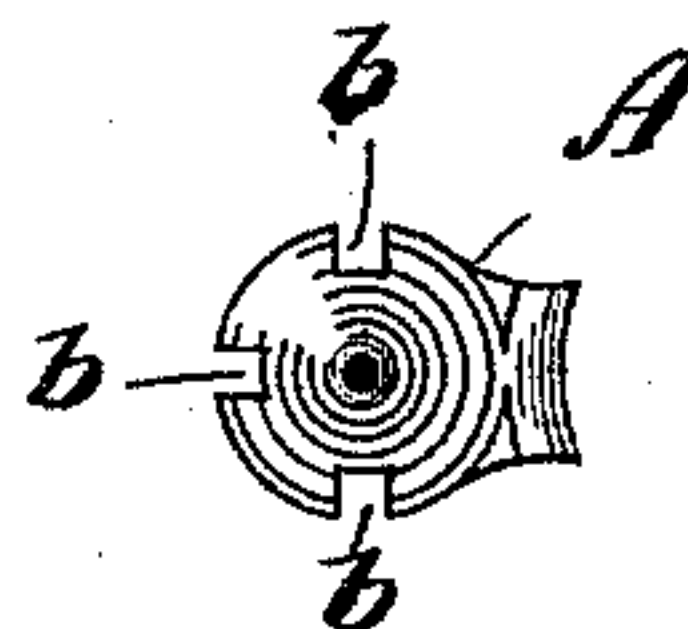
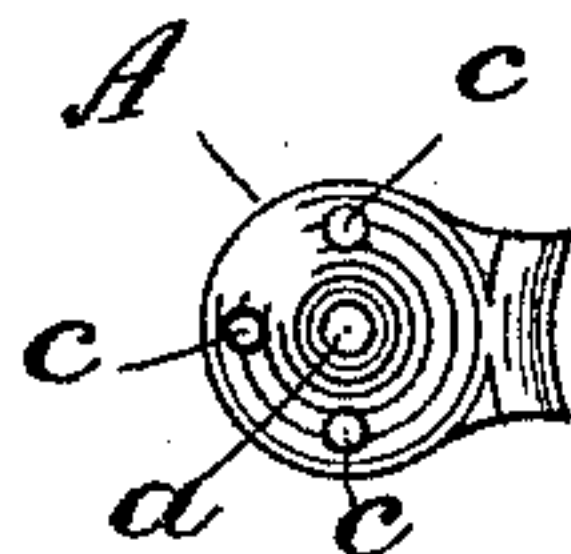


Fig 5



Witnesses

W. J. Haviland
W. G. Culver

Inventor

William H. Smidt

By *F. W. Smith*

att.

UNITED STATES PATENT OFFICE.

WILLIAM H. SMIDT, OF NEW YORK, N. Y.

SHOE-LACING HOOK.

SPECIFICATION forming part of Letters Patent No. 413,099, dated October 15, 1889.

Application filed June 15, 1889. Serial No. 314,356. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. SMIDT, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Shoe-Lacing Hooks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in shoe-hooks for lacing purposes, and has for its object to afford a substantial covering for said hooks which shall be readily applied, and which cannot become worn so as to expose the metal from which the hooks are made.

With these ends in view my invention consists in certain details of construction and combination of elements, such as will be hereinafter fully set forth, and then specifically designated by the claim.

In the accompanying drawings, Figure 1 is a side elevation of a hook made in accordance with my improvement; Fig. 2, a sectional elevation of the same; Fig. 3, a plan view of the hook before the covering is applied, and Figs. 4 and 5 are plans of modified forms of hooks such as may be covered in accordance with my invention.

Similar letters denote like parts in the several figures.

A is the hook, of the usual construction, with the exception that the head is perforated, as seen at *a*.

B is a jacket of pyroxyline or other suitable material, which is applied to said head above and below and then shaped and united to said head by compression. The upper and lower parts of the jacket are united to each other through the perforation *a*, as seen at Fig. 2, so that it will be readily understood that said jacket is securely fastened to the head of the hook after the manner of a rivet. Notches *b*, cut in the periphery of the head, as shown at Fig. 4, will answer the purpose of the perforation *a*; or said head may be perforated in several places, as shown at *c* in Fig. 5. The shank of the hook is covered by a continuation of the jacket, as clearly shown at Figs. 1 and 2.

I claim—

A lacing-hook provided with a perforated head, and an external jacket of pyroxyline material applied to said head above and below and extending through the perforation, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. SMIDT.

Witnesses:

ARCHIBALD C. WEEKS,
GEORGE KYTE.