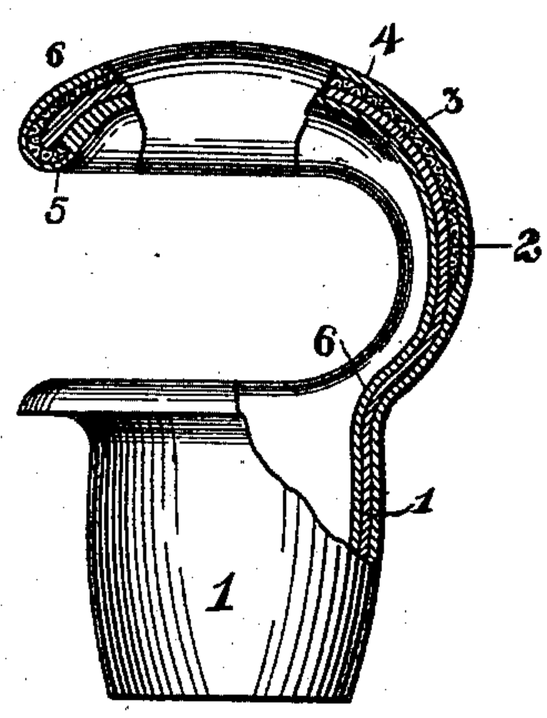
No. 714,643. Patented Nov. 25, 1902.

E. KEMPSHALL.

LACING HOOK.

(Application filed May 22, 1902.)

(No Model.)



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UNITED STATES PATENT OFFICE.

ELEAZER KEMPSHALL, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO SIDNEY W. WINSLOW, TRUSTEE, OF BEVERLY, MASSACHUSETTS.

LACING-HOOK.

SPECIFICATION forming part of Letters Patent No. 714,643, dated November 25, 1902.

Original application filed April 4, 1902, Serial No. 101,425. Divided and this application filed May 22, 1902. Serial No. 108,465. (No model.)

To all whom it may concern:

Be it known that I, ELEAZER KEMPSHALL, a citizen of the United States, residing in Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Lacing-Hooks, of which the following is a specification.

This invention relates to lacing-hooks such as used in shoes, &c.; and its object is to enable the production at low cost of a highly-durable article. This application is a division of my pending application filed April 4, 1902, Serial No. 101,425.

The japan which is usually applied to lacing-hooks is liable to crack and chip off, and hence such lacing-hooks have been considered objectionable and not adapted for fine shoes. I contrive to overcome this objection and produce a japanned or enameled article suitable for the best shoes, but at very low cost.

The accompanying drawing is a view of a lacing-hook made according to my invention.

The lacing-hook may comprise a tubular body 1, an integral neck 2, and a head 3, to which latter I apply fibrous material, preferably woven fabric, and preferably in the form of a disk or wafer 4. This wafer may be caused to adhere to the metal, if desired, by means of shellac or other adherent, or the sheet material from which the wafer is cut may be coated on one side with mucilage or the like, so that the wafer may with facility be applied to the head 3 and caused to adhere thereto, at least temporarily. Whether adherent material is used or not, however, I prefer to make the wafer oversize and to crimp the outer edge thereof down and beneath the edge of the head 3, as at 5. I then apply a coat or coats of japan or other enamel preferably all over the lacing-hook, as at 6. The japan may be applied in a well-known manner. Should the wafer or cap be applied to the head of the lacing-hook by means of a temporary adherent, the japan upon hardening locks the cap permanently in position independently of such adherent, although I prefer to depend both upon a permanent adhesive film and upon the japan to secure the fabric cap. In any event the japan coating tends to prevent the edges of the cap from lipping, and hence helps prevent separation of the cap bodily from the lacing-hook. The japan coat adheres to the fabric better than to metal, so that the coat is rendered far more stable than heretofore. Thus, while the cap may be secured, at least partially, by the japan, the latter is given a better hold upon the hook because of the presence of the fabric cap. Further, by carrying the cap over the edge of the metal the latter is effectually prevented from cutting through the japan, and since the cap may have any color to match the japan or other enamel it will be seen that even if a part of the japan should become detached after long use, still the appearance of the lacing-hook is not necessarily marred.

Variations may be resorted to within the scope of my improvements.

What I claim as new, and desire to secure by Letters Patent, is as follows:

1. A lacing-hook having a head, a neck and a body, a cap of fibrous material applied to said head, and a coating of enamel upon said cap and hook.

2. A lacing-hook having a head and a body, a cap consisting of a disk or wafer of woven material applied to said head, and a coating of enamel covering said capped head and body.

3. A lacing-hook having a body and a head, a piece of woven fabric cemented upon said head, and a coating of enamel upon said fabric and hook.

4. A lacing-hook having a metallic body terminating in a neck and a head, an oversize wafer of fabric applied to said head and turned down over the edge thereof, and a coating of enamel covering said wafer and hook.

5. A lacing-hook comprising a metallic body, a neck and a head, a wafer of fabric applied upon said head and crimped over the edge thereof, and a coating of enamel applied all over said lacing-hook.

ELEAZER KEMPSHALL.

Witnesses:
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