

(No Model.)

E. KEMPSHALL.  
LACING HOOK.

No. 579,112.

Patented Mar. 16, 1897.

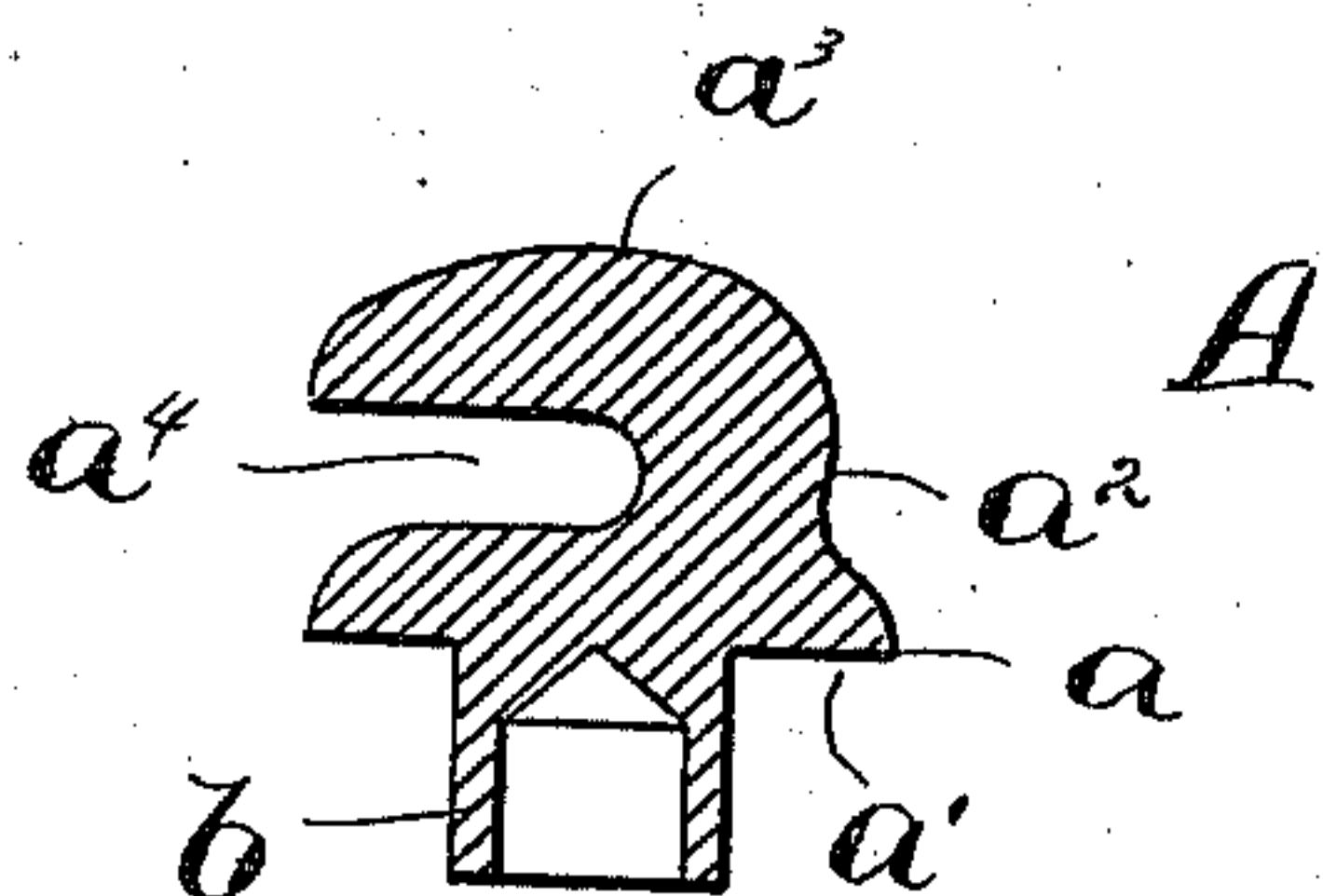


FIG. 1.

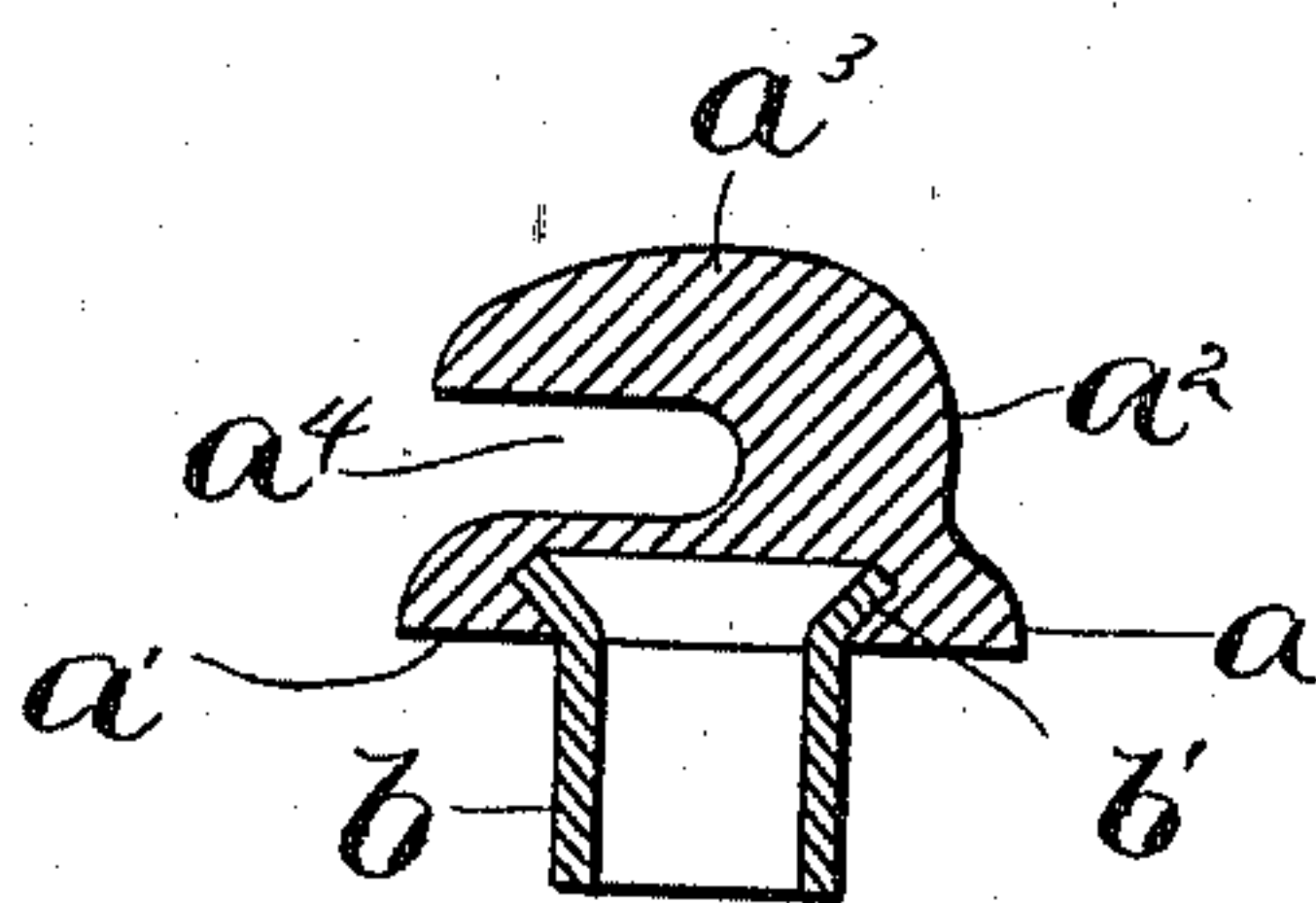


FIG. 2.

WITNESSES:

H. A. Hall.  
Rollin Abell

INVENTOR:

E. Kempshall  
by Wright Brown & Lundy  
Atty.

# UNITED STATES PATENT OFFICE.

ELEAZER KEMPSHALL, OF NEWTON, MASSACHUSETTS, ASSIGNOR TO THE  
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## LACING-HOOK.

SPECIFICATION forming part of Letters Patent No. 579,112, dated March 16, 1897.

Application filed February 24, 1897. Serial No. 624,789. (No model.)

*To all whom it may concern:*

Be it known that I, ELEAZER KEMPSHALL, of Newton, 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 has for its object the production of a novel lacing-hook; and it consists in the novel features of construction and relative arrangement of parts hereinafter fully described in the specification, clearly illustrated in the drawings, and particularly pointed out in the claims.

Reference is to be had to the accompanying one sheet of drawings, forming a part of this application, in which like characters indicate like parts wherever they occur.

In the drawings, Figures 1 and 2 represent sectional views of a lacing-hook embodying my invention.

Referring to the drawings in the embodiment of my invention therein shown and selected by me for the purpose of illustrating the same, A, in Figs. 1 and 2, represents a lacing-hook comprising a base  $a$ , having an inner face  $a'$  formed to bear upon the outer surface of the article to which the device is to be attached, and a hook comprising a neck  $a^2$ , a head  $a^3$ , formed upon the base  $a$ , the said base, neck, and head being molded from celluloid or other equivalent material, which is rendered plastic by heat and formed in a single integral structure.

The outer surface of the base  $a$  constitutes the under side of the lace-receiving recess  $a^4$  of the hook, the inner and the upper side of said recess being formed by the neck and head, respectively.

$b$  represents a fastening or anchoring device projecting from the inner face  $a'$  of the hook, and by which the latter is secured in place. In the form here shown this device  $b$  is tubular and adapted to be upset or spread out at its front end in the usual way. Other forms of fastening devices, however, may be employed, if desired.

In Fig. 1 I show the fastening device  $b$  made integral with the base and hook, all being molded from celluloid or other like material.

In Fig. 2 the fastening device is shown as composed of metal or some substance different from the material composing the hook, and provided with a flange or means  $b'$ , by which it is secured to the base.

Having thus explained the nature of my invention and described a way of using and constructing the same, though without attempting to set forth all of the forms in which it may be made or all of the modes of its use, what I claim, and desire to secure by Letters Patent, is—

1. A lacing-hook composed or formed of celluloid, or other plastic material.

2. A lacing-hook composed or formed of celluloid or other plastic material, having a member formed to bear on the article to which the hook is to be attached, and means for attaching the hook to said article.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 10th day of February, A. D. 1897.

ELEAZER KEMPSHALL.

Witnesses:

R. M. PIERSON,  
C. C. STECHER.