

(No Model.)

F. E. ALLEN.
KEY FASTENER.

No. 525,175.

Patented Aug. 28, 1894.

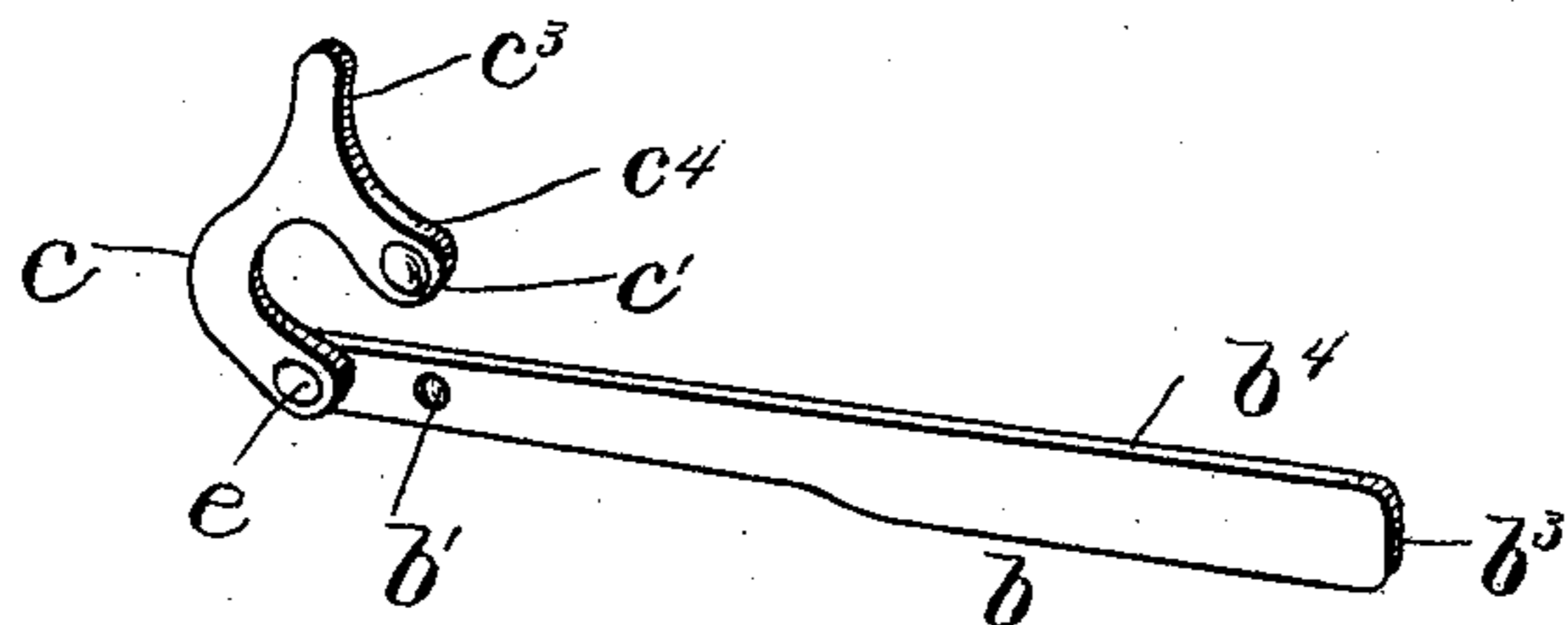


FIG. 1.

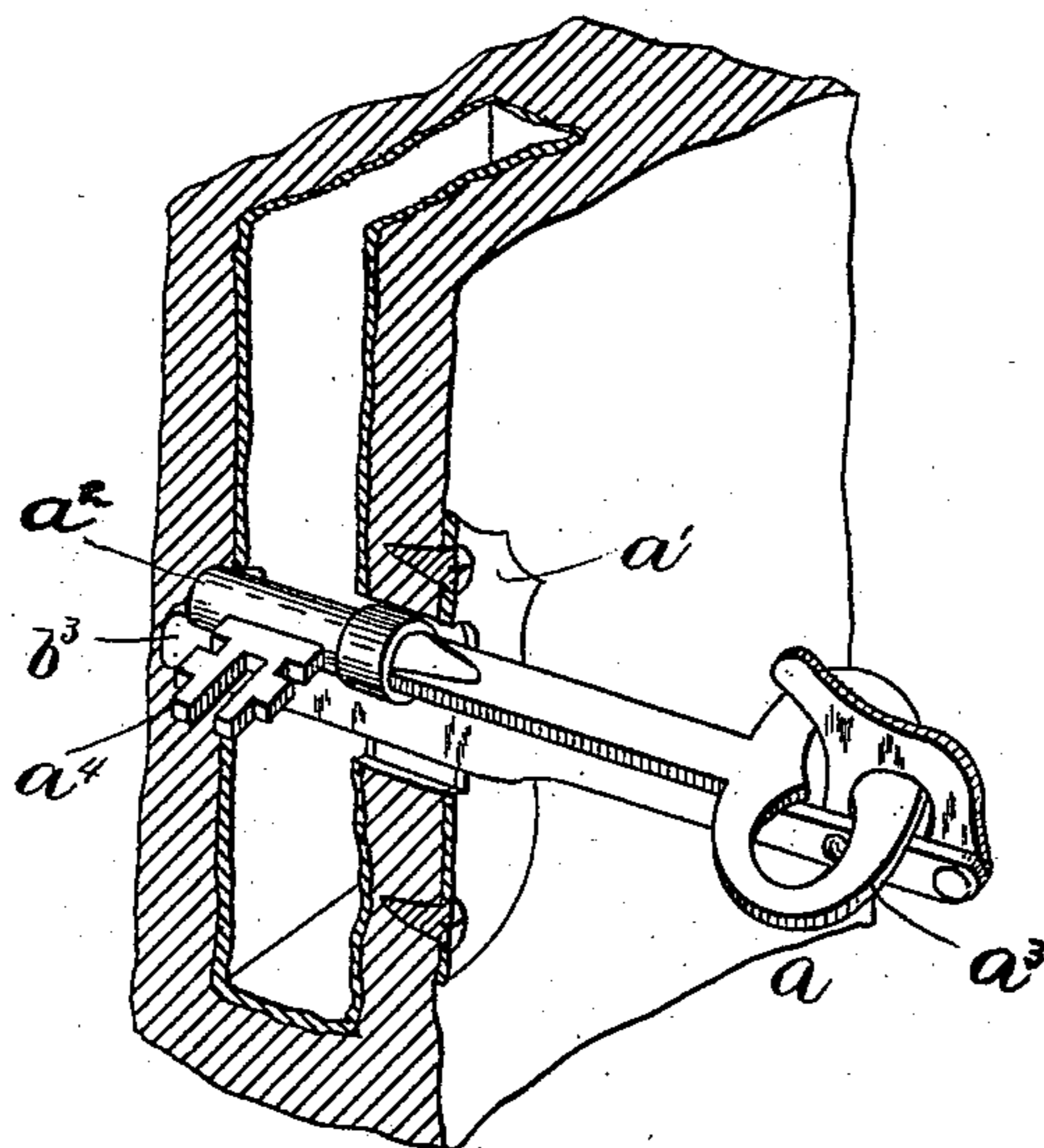


FIG. 2.

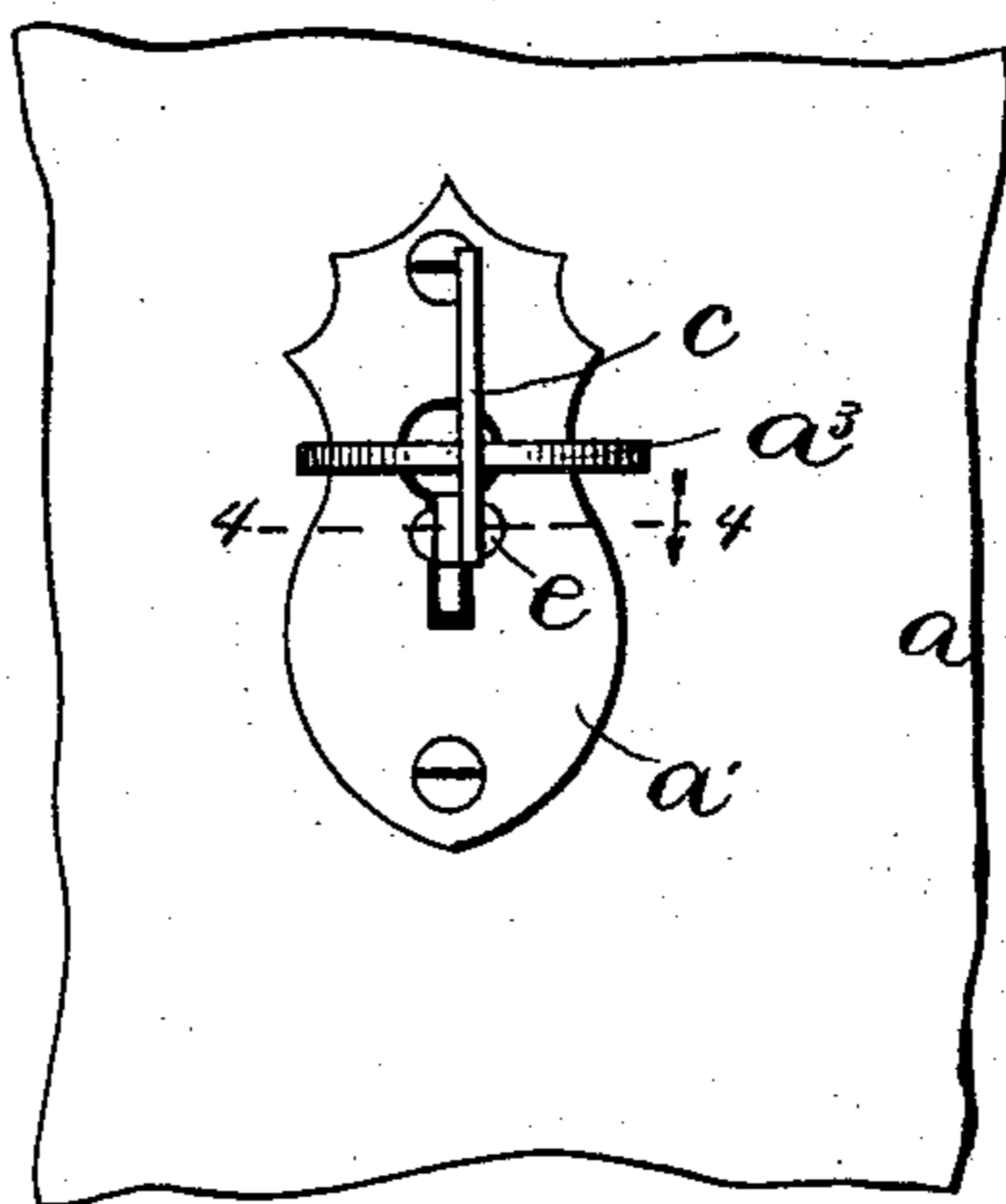


FIG. 3.

WITNESSES:

J. P. Davis.

A. D. Harrison.

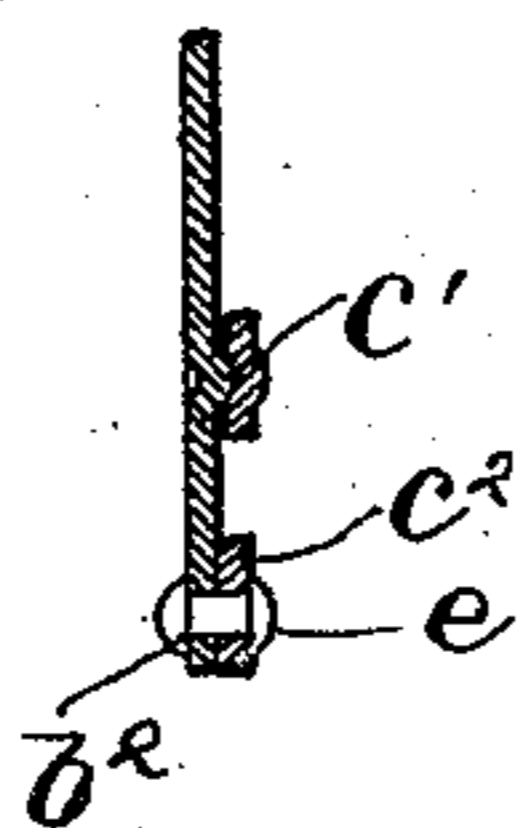


FIG. 4.

INVENTOR:

Frederick E. Allen

by Wright, Brown & Lundy
Atty.

UNITED STATES PATENT OFFICE.

FREDERICK E. ALLEN, OF LYNN, MASSACHUSETTS, ASSIGNOR TO THE LYNN NOVELTY MANUFACTURING COMPANY, OF SAME PLACE, AND OF KITTERY, MAINE.

KEY-FASTENER.

SPECIFICATION forming part of Letters Patent No. 525,175, dated August 28, 1894.

Application filed June 16, 1894. Serial No. 514,716. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK E. ALLEN, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Key-Fasteners, of which the following is a specification.

My invention relates to an improvement in that class of key fasteners which have a shank portion and a pivoted hook, and consists in providing said hook and shank with coacting means whereby the hook may be locked upon the shank.

Reference is to be had to the accompanying drawings and the characters marked thereon, which form a part of this specification, like characters designating like parts or features, as the case may be, wherever they occur.

In the drawings, Figure 1 is a perspective view of my improved key fastener. Fig. 2 shows my key fastener with the shank in operative position in the key-hole, and the hook locked upon the bow, a . Fig. 3 is a front view of the same. Fig. 4 is a sectional view on the line 4—4 of Fig. 3.

a represents a key in the position it would occupy within the lock when turned therein and the bolt thrown forward.

a' is the key-hole.

b is a shank made of a flat strip of metal or other suitable material provided at one end with a struck-up projection, b' , and an aperture, b^2 .

c is a hook or clamp provided at one end with a depression, c' , and at the other end with an aperture, c^2 . The hook or clamp is pivoted to the guard by the rivet, e , fastened through the apertures, b^2 and c^2 , with the projection b' , and the depression, c' , arranged to engage each other when brought into operative position.

For convenience of manipulation the pivoted hook is provided with a finger-piece, c^3 . After the key has been turned in the lock, as shown in Fig. 2, the outer end, b^3 , of the shank is passed into the key-hole beyond the end,

a^2 , of the bit and spindle of the key, the edge, b^4 , of the shank extending longitudinally under the key, and the free end, c^4 , of the hook, c , passed through the key-bow, a^3 , and locked upon the shank by the projection, b' , engaging the depression, c' , thus confining the key-bow and protecting the key-guard, a^4 , and the end of the bit and spindle, a^3 . It will thus be seen that when forceps or other instruments are applied to turn the key the shank will engage the guard, a^4 , and thus prevent the key from being turned and the bolt thrown back. While the fastener is in place the key cannot be pushed from the key-hole. The outer end, b^3 , of the shank projecting beyond the end, a^2 , of the key-spindle, makes it difficult to grasp the key with forceps. When not in use the fastener may be secured to a key-ring in the same manner as to the key-bow, and thus be carried in a convenient manner for use if desired.

Having thus explained the nature of my invention and described a way of constructing and using 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—

A key-fastener comprising in its construction a shank having a projection thereon in combination with a hook pivoted to said shank, and having an indentation arranged to engage the projection upon the shank, whereby the pivoted hook is locked to the shank, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 9th day of June, A. D. 1894.

FREDERICK E. ALLEN.

Witnesses:

WILLIAM QUINBY,
E. BATCHELDER.