

(No Model.)

A. I. CROWELL.  
BUTTON.

No. 418,689.

Patented Jan. 7, 1890.

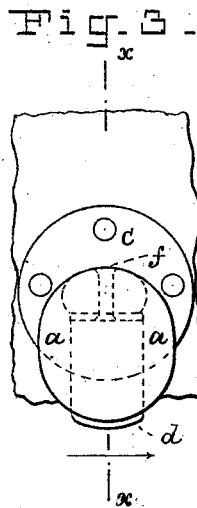
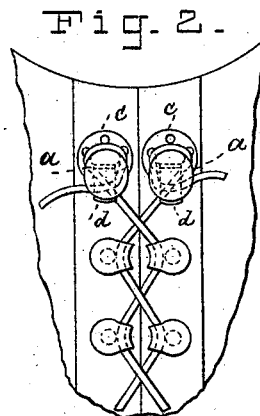
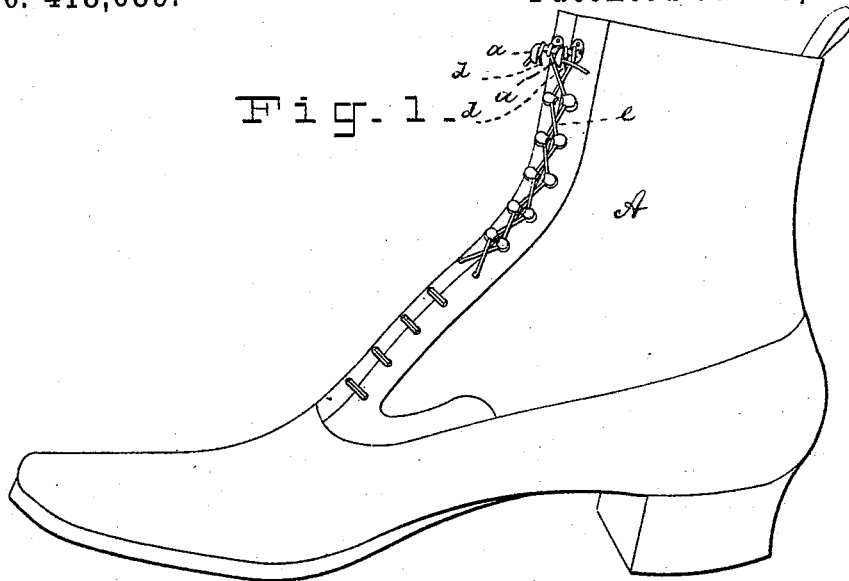
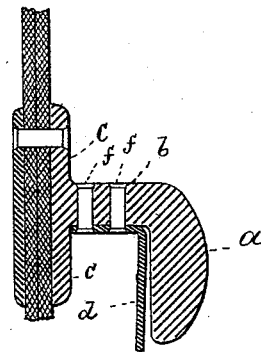


Fig. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ALBERT I. CROWELL, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO  
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## BUTTON.

SPECIFICATION forming part of Letters Patent No. 418,689, dated January 7, 1890.

Application filed July 15, 1889. Serial No. 317,575. (No model.)

### *To all whom it may concern:*

Be it known that I, ALBERT I. CROWELL, of New York city, New York, have invented an Improved Button, of which the following  
5 is a specification.

This invention relates to a button which is provided with a divided head, into which the end of a lacing-string is slipped, so that the latter is retained in place without being tied,  
10 as heretofore.

My improved buttons are designed to be used as the two top or end buttons of a shoe, a corset, or any other laced article of apparel.

The invention consists in the various features of improvement more fully pointed out  
15 in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a shoe provided with a pair of my improved buttons. Fig. 2 is a detail of the upper end of the lacing. Fig. 3 is a top view of the button; and Fig. 4, a longitudinal section on line *x x*, Fig. 3.  
20

The letter *a* represents the head of a button having a shank *b* and a base-plate or a "shoe" *c*. The shank connects with the edge of the head, as shown, so that the entire head is located at one side of the shank. I have shown head and shank made of one piece of material.  
25

*d* is a spring-plate bent at right angles and  
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riveted to shank *b* by the rivets *f*. The free section of plate *d* is located directly underneath head *a* and diverges therefrom, as shown. By attaching the spring-plate to the shank and not the head I am enabled to utilize the entire lower surface of the head as a clamping-jaw.  
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In use the button is attached in suitable manner to a shoe or other article of apparel A, one button being placed at the end or top of each series of lacing hooks or holes. After the lacing-string *e* has been passed around the hooks, as usual, each string end is first passed around the shank of its button; and is then slipped between the two jaws of the button-head. Thus the string will be securely held in place without being tied.  
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What I claim is—

1. As an improved article of manufacture, a button having a head, a shank, and a diverging spring-plate underneath the head, substantially as specified.  
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2. A button having a shank, a head at one side of the shank, and a bent spring-plate secured to the shank and diverging from the head, substantially as specified.  
55

ALBERT I. CROWELL.

Witnesses:

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