

No. 624,258.

Patented May 2, 1899.

C. H. SLOCUM.
BUTTON.

(Application filed Apr. 27, 1898.)

(No Model.)

Fig. 1.

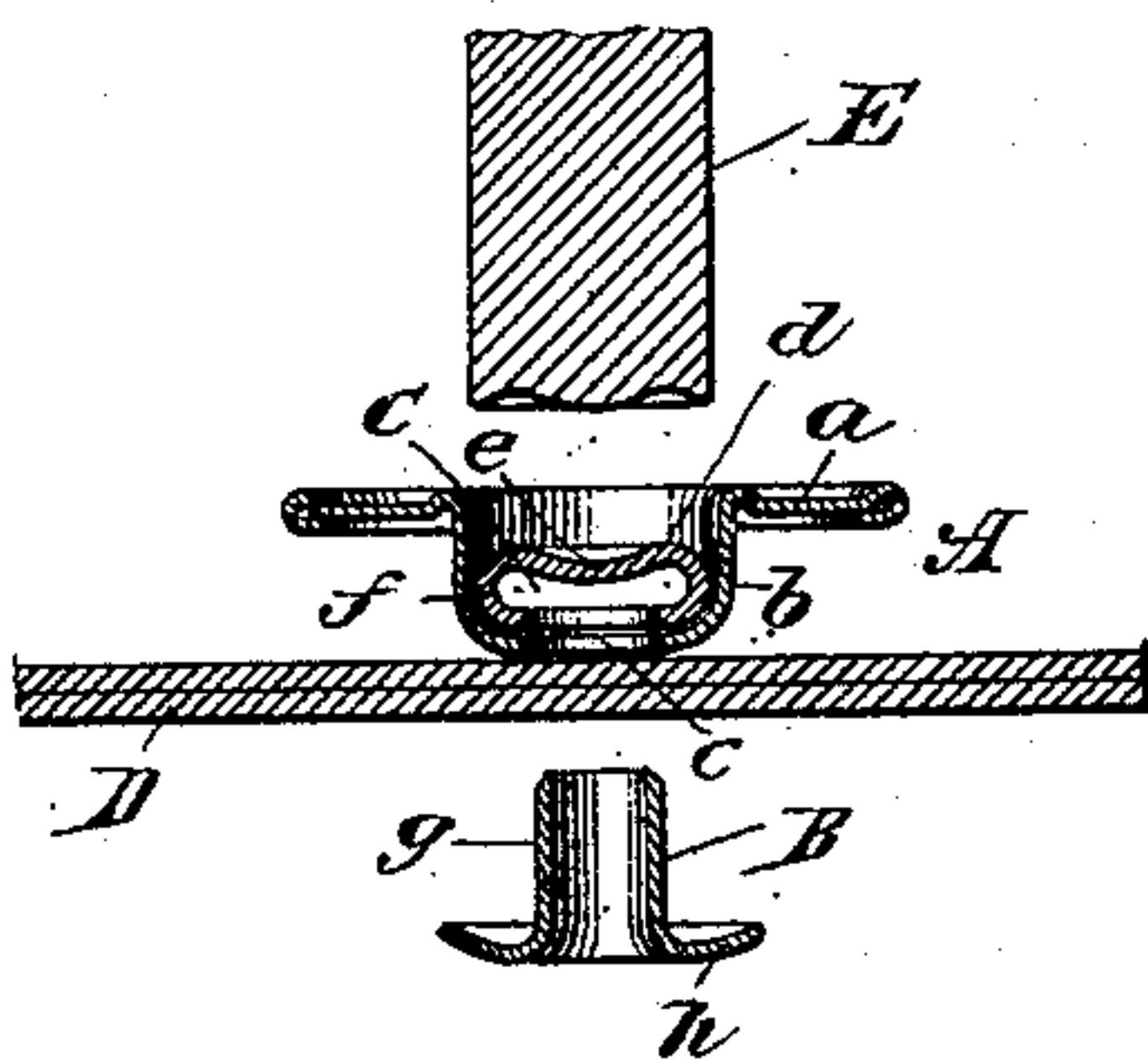


Fig. 2.

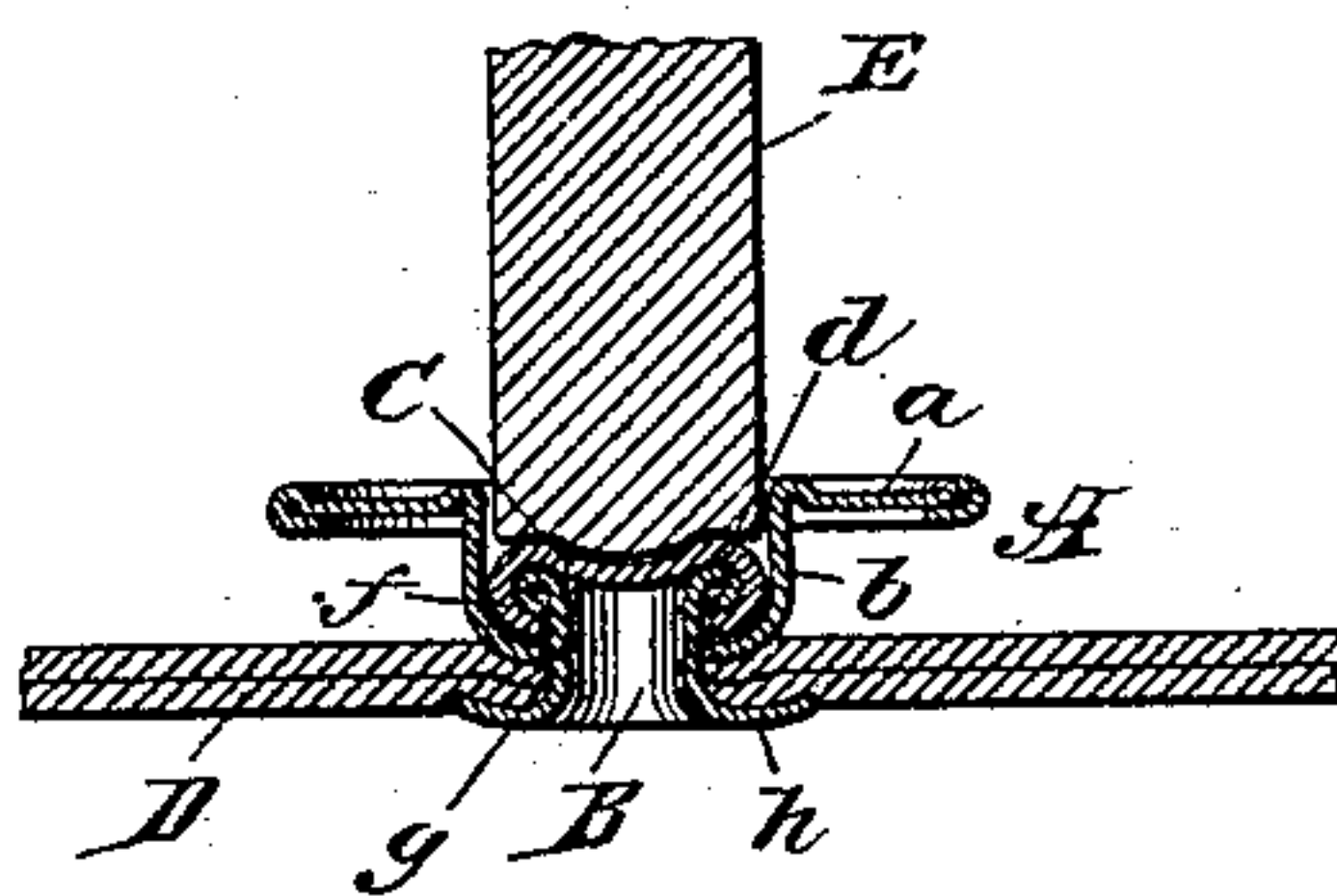


Fig. 3.

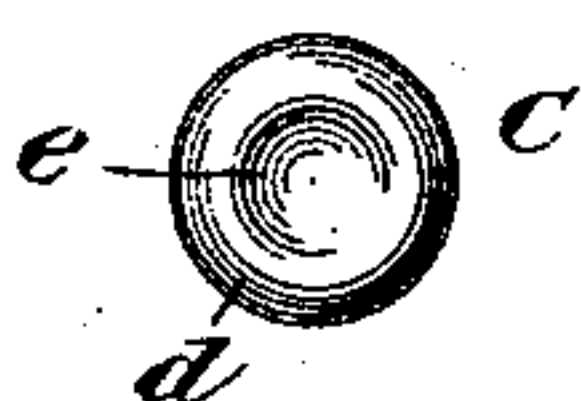
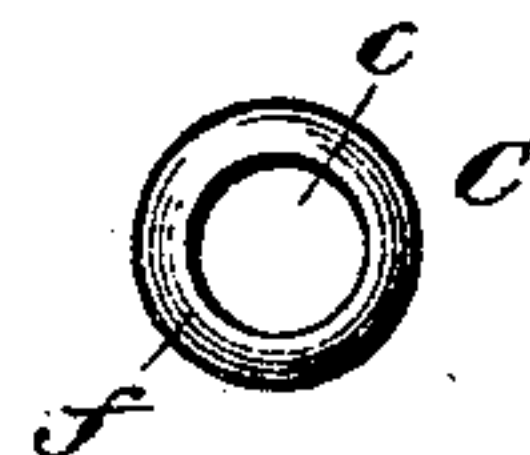


Fig. 4.



WITNESSES:

William P. Goebel.

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UNITED STATES PATENT OFFICE.

CHARLES H. SLOCUM, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
PATENT BUTTON COMPANY, OF SAME PLACE.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 624,258, dated May 2, 1899.

Application filed April 27, 1898. Serial No. 678,945. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. SLOCUM, a citizen of the United States, and a resident of Waterbury, in the county of New Haven and State of Connecticut, have made and invented certain new and useful Improvements in Buttons, of which the following is a specification.

My invention relates to an improvement in buttons, and more particularly to that kind or class thereof generally known and referred to as "eyelet-buttons"—that is, a button adapted to be secured to cloth or fabric by means of a metal eyelet-fastener—one object of my invention being to provide an article of this kind or character which shall consist of but few parts, easily and readily assembled, and which shall be cheap to manufacture and readily and securely attached to the cloth or fabric.

A further object of my invention is to produce a die whereby the end of the eyelet which enters the button will be rolled or curled over upon itself in contradistinction to being upset or simply flanged outwardly, the result of the rolling or curling within the die being to make a much stronger fastening and causing the button to be pressed tightly upon the cloth without play.

With these and other ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a sectional view of a button constructed in accordance with my invention and before being attached to the cloth or fabric. Fig. 2 is a similar view thereof after the button has been secured in place. Figs. 3 and 4 are plan views of the retaining-die.

Referring to the drawings, A represents the button proper, provided with the flange *a* and having a depressed center *b*, the latter having an opening *c* in the bottom thereof for the passage of the eyelet B. In the bottom of the depressed center *b* is located the retaining-die C, made as shown in the several figures of the drawings—that is, in the form of a shell—the face-plate *d* of which is of such diameter as to tightly fit within the

depressed center of the button A and having the central portion *e* thereof bent downwardly or inwardly and the edge *f* curled around and below the same, leaving a space between said edge and top plate for the reception and retention of the rolled or curled edge of the fastener B, as shown in Fig. 2, the opening in the lower side of the shell C being preferably of the same size as the opening *c* in the bottom of the button.

The eyelet B is formed with the shank *g*, adapted to pass through the cloth or fabric, through the bottom of the depressed center of the button proper, and into the retaining die or shell, and also with the flange *h*, adapted to clamp the cloth or material D between itself and the lower side of the depressed center of the button.

Any of the well-known forms of button-fastening machines may be utilized in securing the button in place, and as such are well known to those skilled in the art it is unnecessary to illustrate or describe the same herein, such being provided with a plunger E, the lower end of which is preferably shaped to conform to that of the upper plate *d* of the retaining-die on which it rests, as shown in Fig. 2, during the operation of setting the button. The eyelet-fastener is passed through a hole in the cloth or fabric and into the die C, and by reason of the pressure exerted thereon the upper edge of said eyelet is caused to follow the shape or contour of said die, the result being that the end of said eyelet is curled or rolled within said die, said curled portion of the eyelet resting upon the curled edge *f* of the shell, thus tightly securing the button in place and preventing any play or movement thereof.

I am aware that button-fasteners have heretofore been constructed with retaining-dies formed of several parts and more or less closely related to the die herein shown and that buttons have been constructed with a die contained therein for upsetting the edge of an eyelet-fastener, the parts being so constructed and arranged that said edge of the eyelet rests upon the bottom of the depressed center of the button, and hence I make no claim to such. I am not aware, however, that a button has ever been constructed contain-

ing a die such as hereinabove described and which is located in the bottom of the depressed center of the button and wherein the curled edge of the die rests upon the bottom
5 of the button and the curled edge of the eyelet rests upon and within the curled edge of the die.

Having fully described my invention, what I claim as new, and desire to secure by Letters
10 Patent, is—

A button of the character described, constructed with a perforated depressed center, a die C located within said depressed center and constructed in the form of a shell, hav-
15 ing its central portion depressed and its edge

bent or curled downwardly and under the plate *d*, said curled under portion resting on the bottom of said depressed center, in combination with an eyelet D, the shank of which enters and curls within said die and seats
20 upon the curled under portion of the same, substantially as described.

Signed at Waterbury, in the county of New Haven and State of Connecticut, this 22d day of April, A. D. 1898.

CHARLES H. SLOCUM.

Witnesses:

ELLA A. CHANDLER,
AGNES I. WALKER.