

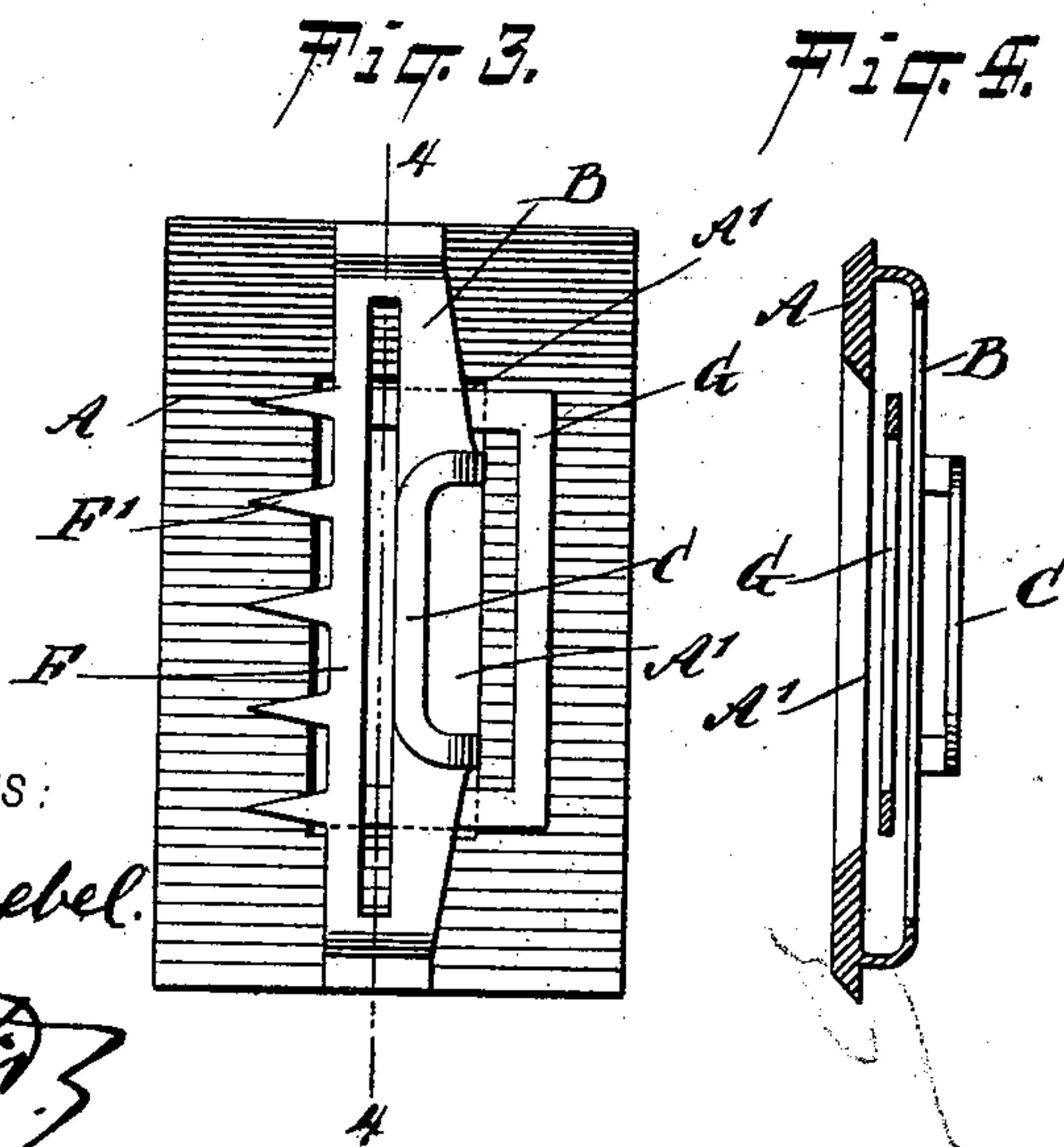
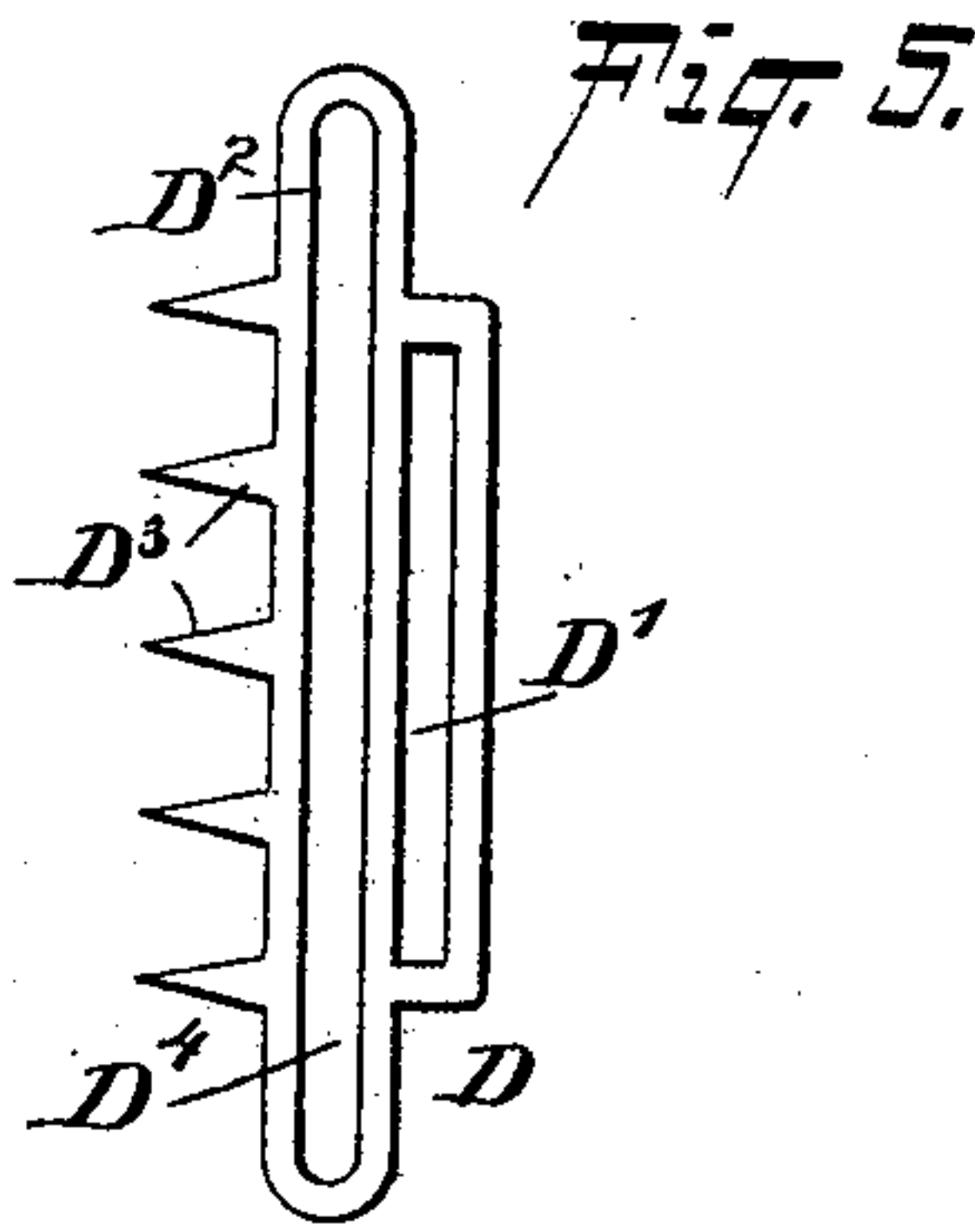
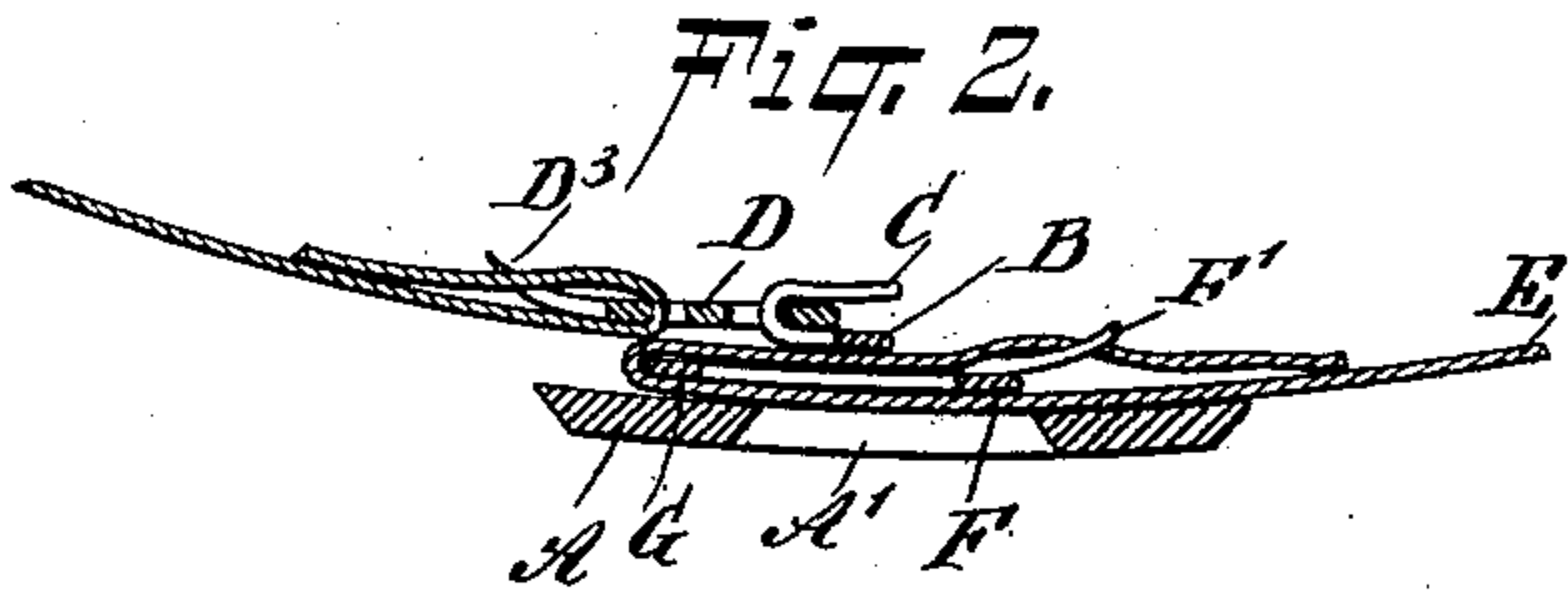
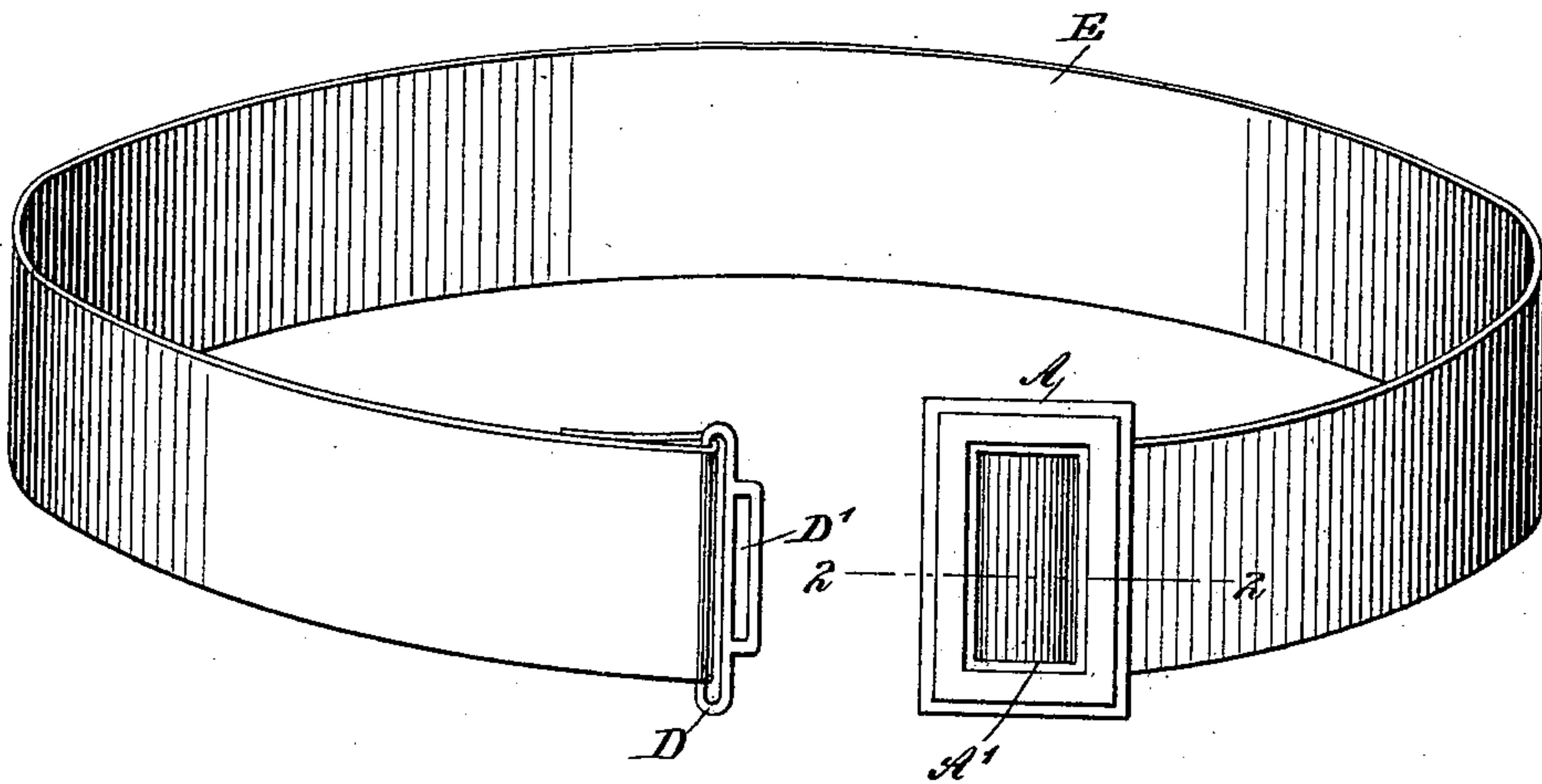
(No Model.)

E. B. WINTER.
BELT BUCKLE.

No. 606,107.

Patented June 21, 1898.

Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EMMA B. WINTER, OF NEW YORK, N. Y.

BELT-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 606,107, dated June 21, 1898.

Application filed September 8, 1897. Serial No. 650,899. (No model.)

To all whom it may concern:

Be it known that I, EMMA B. WINTER, of New York city, in the county and State of New York, have invented a new and Improved Belt-Buckle, of which the following is a full, clear, and exact description.

The invention relates to buckles used on belts of a fabric material; and its object is to provide a new and improved belt-buckle arranged for convenient attachment to and adjustment on a belt without requiring any sewing and to permit of quickly changing the buckle from one belt to another and allow the use of the same buckle on belts of different fabric materials or of different color.

The invention consists principally of a buckle-frame provided on its back with a hook, a toothed bar for engagement with the belt material, the bar being spaced from the back of the frame, and a plate projecting at one side and likewise spaced from the back of the frame for the passage of the belt between the frame and the plate and for doubling up the end of the belt over the plate to finally engage the doubled-up end with the teeth of the bar.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improvement as applied. Fig. 2 is an enlarged sectional plan view of the same on the line 2 2 of Fig. 1. Fig. 3 is an enlarged rear elevation of the improvement with the belt removed. Fig. 4 is a transverse section of the same on the line 4 4 of Fig. 3, and Fig. 5 is an enlarged face view of the slot-plate.

The belt-buckle is provided with a frame A of suitable size and shape and preferably formed with an opening A', showing part of the belt in the rear of the frame, as indicated in the drawings. On the back of the frame A is arranged a bar B, rigidly secured to the frame near the top and bottom, the bar being spaced from the back of the plate for the passage of the belt, as hereinafter more fully described.

On the inner face of the bar B is formed a hook C, adapted to be engaged in the slot D' of the loop-plate D, secured to the other end of the belt E, on which the buckle is attached. At one side of the bar B and spaced therefrom and from the back of the frame A is arranged a bar F, provided on the outer edge with teeth F' for engagement with the fabric material, and from the inner edge of the said bar F extends a plate G, as indicated in the drawings, and located between the back of the frame A and the bar B to allow the passage of the belt between the plate G and the back of the frame A and between the plate G and the bar B. The forward edge of the plate G extends beyond the outer wall of the opening A' to bring the fabric material past the opening A'.

Now in order to attach the end of the belt E to the buckle the belt is first passed between the frame A and the bar F and pushed forward between the frame and the plate G, so as to completely cover the opening A'. The end of the belt is then doubled or returned over the outer edge of the plate G, and the doubled-up end is passed between the plate G and the bar B through the slot between the bars B and F, to be finally hooked upon the teeth F' on the side of the bar F.

Now it will be seen that by the arrangement described the plate is securely fastened to the buckle and the strain on the belt is taken up by the bar G. Hence the teeth F' are protected from undue strain, and consequently are not liable to be injured by being broken, bent, &c. It will further be seen that in order to properly fit the belt to a lady's waist the desired length of belt can be obtained by drawing the end of the belt a desired distance through the space between the back of the frame A and the bar G before doubling the end of the belt or attaching the doubled end to the teeth, as previously mentioned.

The loop-plate D is formed on its rear bar D² with teeth D³ for engagement with the belt material after the end of the belt is drawn through the slot D⁴ in the plate and returned for connection with the teeth D³. Thus, if desired, proper adjustment for a required length of belt can be made at the plate as well as at the buckle-frame.

It is evident that by the arrangement de-

scribed no sewing whatever is necessary to attach the buckle and its hook-plate to the ends of the belt, as is so frequently done in belts heretofore constructed, the arrangement
5 described permitting the user to conveniently and quickly change the buckle from one belt to another whenever desired.

It is expressly understood that the plate G not only brings the belt material beyond the
10 outer wall of the opening A', so as to completely cover the opening with the belt material, but the said plate also serves to relieve the teeth F' from the pulling strain on the belt.

15 Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A belt-buckle provided with a buckle-frame, a hook on the back of the frame, a
20 toothed bar on the back of the said frame and spaced therefrom, and a plate extending from the said bar and spaced from the frame for the passage of the belt between the frame and the plate, and for doubling up the end of

the belt over the outer edge of the plate, to
25 finally engage the return end of the belt with the teeth of the said bar, substantially as shown and described.

2. A belt-buckle provided with a buckle-frame, two bars on the back of the said frame
30 and spaced therefrom, one of the bars carrying a hook for engagement with a loop or slot plate, and the other being provided with teeth for engagement with the belt material, and a relief-plate extending from the toothed bar
35 between the hook-bar and the back of the frame, to permit of passing the belt between the back of the frame and the said plate, then doubling the belt over the outer edge of the plate, to return the end of the belt between
40 the relief-plate and the hook-bar, and then engage the belt with the teeth and the toothed bar, substantially as shown and described.

EMMA B. WINTER.

Witnesses:

MARY E. MANNING,
JOSEPH GOLDBERGER.