

No. 769,880.

PATENTED SEPT. 13, 1904.

E. J. TROUT.
CLUB OR BATON.

APPLICATION FILED JUNE 18, 1903.

NO MODEL.

Fig. 1.

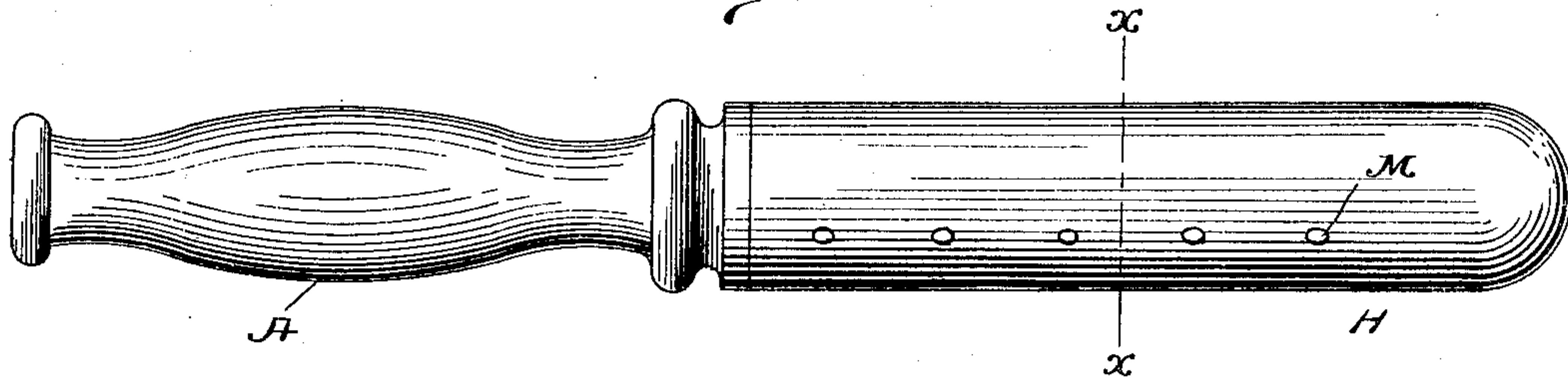


Fig. 2.

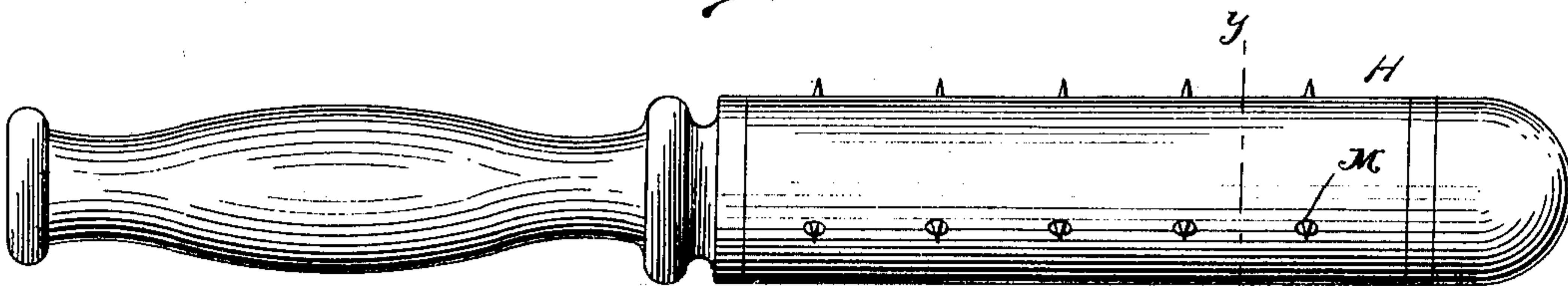


Fig. 3.

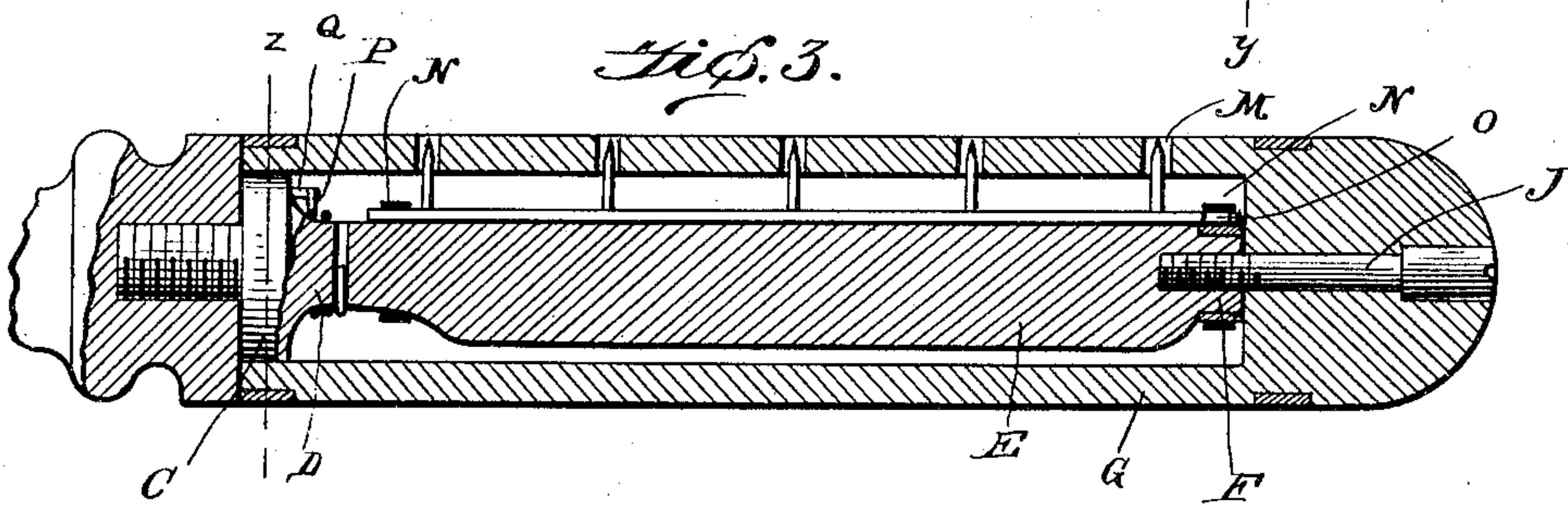


Fig. 4.

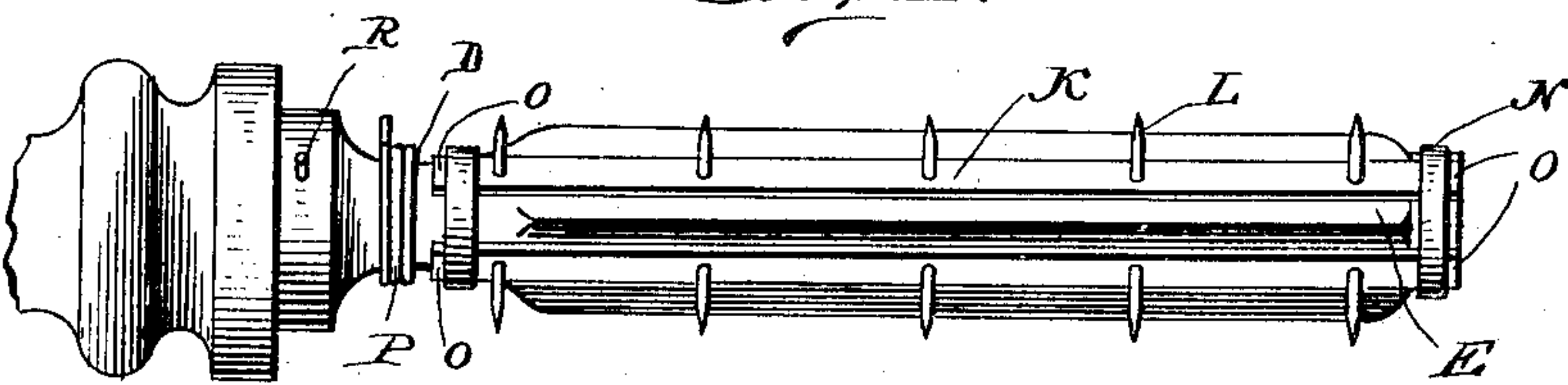


Fig. 5.

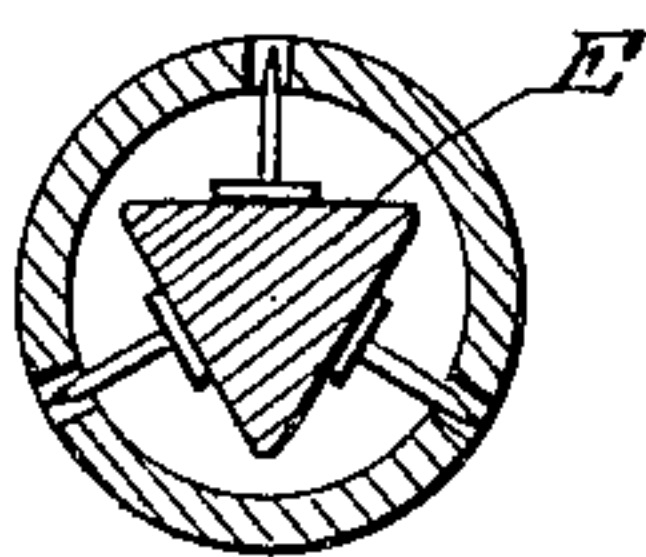
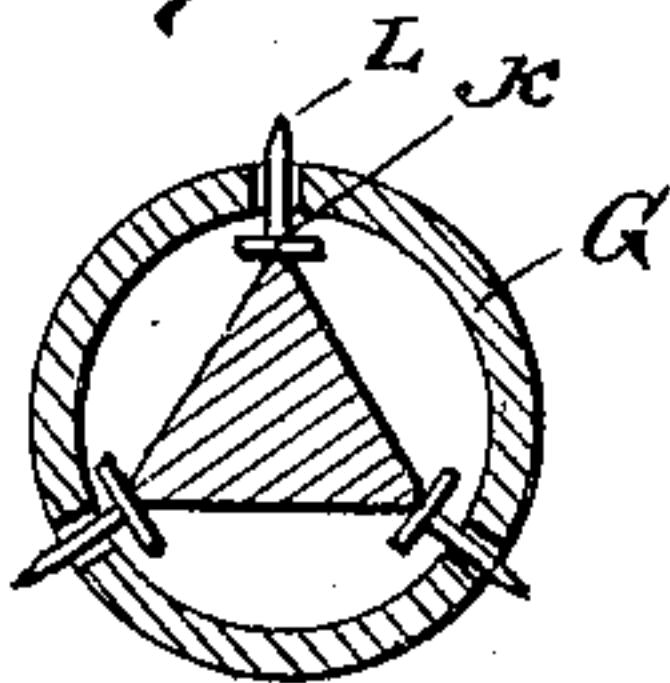


Fig. 6.



Witnesses

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EVERETT J. TROUT, OF SHELBYVILLE, ILLINOIS.

CLUB OR BATON.

SPECIFICATION forming part of Letters Patent No. 769,880, dated September 13, 1904.

Application filed June 18, 1903. Serial No. 162,053. (No model.)

To all whom it may concern:

Be it known that I, EVERETT J. TROUT, a citizen of the United States, residing at Shelbyville, in the county of Shelby and State of Illinois, have invented certain new and useful Improvements in Clubs or Batons, of which the following is a specification.

My present invention relates to improvements in clubs or batons, and has special reference to an improved construction of the same which is provided with a means whereby a person grappling with the police grabbing the baton can be made to release his grip by a simple manipulation of the club by the policeman, as will presently appear. To attain these objects, the invention consists of an improved form of baton or club which is very simple in construction and combination of parts, as will presently appear.

In the accompanying drawings, Figure 1 is an elevation of my improved baton or club. Fig. 2 is a similar view with the prongs extended. Fig. 3 is a longitudinal sectional view with a portion of the handle cut away. Fig. 4 is a detailed view of the strips carrying the prongs and the cam-operating device for operating the strips removed from connection with the striking end of the club. Fig. 5 is a cross-section taken on line *xx* of Fig. 1. Fig. 6 is a cross-section taken on line *yy* of Fig. 2.

Referring to the drawings, A designates the handle of the club or baton, which has connected centrally and projecting therefrom the stem B, which is provided with a circular base C, the reduced portion D, the triangular cam or shouldered portion E, and the reduced end F. This stem is adapted to be inserted within the hollow or casing G of the removable end H of the club or baton, so that the reduced end will abut against the top of the casing and be secured therein by means of the screw J. Mounted within the casing of the end of the club are a series of strips K, which are provided with the points or prongs L, which are normally adapted to aline with the series of openings M through the body of the removable end of the baton, said prongs being held therein by means of the elastic band or spring N, which surrounds the reduced ends O of the strips and holds the strips so that

their inner faces contact the inner sides of the cam portion of the stem, the stem being normally held in this position by the coil tension-spring P, which surrounds the reduced portion E thereof, having the inner end entering the stem and the other end fitting in the recess or socket Q, formed in the lower end of the removable end of the baton. Connected to the face of the stem is a projection or lug R, which is adapted to fit in the elongated slot S, formed in the end of the removable portion of the baton, so as to form a limiting means to prevent the baton from being turned too far, and thus limit the projection of the prongs through the openings when the stem is revolved or rotated, so as to cause its shoulders to project the under face of the strips, at which time the strips are spread apart, causing the prongs to be projected so as to extend beyond the outer surface of the removable baton, as clearly shown in Fig. 2. The bands or springs which hold the strips are preferably made of rubber, for the reason that the same can be readily replaced in case of wear by any one and for the reason that they are much cheaper.

A spring can be used without departing from the spirit of my invention, and the baton can be made of any length or size, using any character of material as may be desired.

From the foregoing description, taken in connection with the drawings, the operation of my improved club or baton is thoroughly understood, but, briefly stated, is as follows: Taking the baton in the position as shown in Fig. 1, it will be noted that the prongs do not project beyond the outer surface of the same. By grasping the removable end of the baton and also holding the handle and twisting the same toward the right the cam-shaped stem causes its projections to engage the under face of the strips carrying the prongs, causing the prongs to project or protrude through the openings in the removable end of the baton, so as to cause the prongs to contact the hand surrounding the removable end of the baton, so as to injure the same, the grip upon the same being lessened or entirely released.

By this construction of baton it will be seen

that a means is provided whereby any one grappling with the police can be made to release his grip thereon and give the police the free use of the baton.

5 It is evident that I provide a very simple and durable construction of baton or club and one which is provided with a means which gives the policeman ample protection when grappling with a prisoner, as it gives him
10 free use of his club or baton at any time.

What I claim as new, and desire to secure by Letters Patent, is—

1. A club or baton, comprising a handle, a
15 cam-shaped stem carried thereby, a removable end forming a casing provided with a series of apertures therethrough, a series of prongs within the casing in line with said openings, and means mounted in the casing and carrying
20 said prongs adapted to be operated upon by the cam so as to project the prongs through the apertures.

2. A club or baton, comprising a handle, a
25 cam-shaped stem carried thereby, a removable end forming a casing provided with a series of apertures therethrough, a series of prongs within the casing in line with said openings, and a plurality of strips mounted in the casing and carrying said prongs adapted to be
30 so operated as to cause the prongs to be projected through the openings.

3. A club or baton, comprising a handle, a
35 cam-shaped stem carried thereby, a removable end forming a casing provided with a series of apertures therethrough, a series of strips located within the casing opposed to the stem, spring-actuated means surrounding the ends of the strips for holding them in contact with
40 the stem, and a series of prongs carried by each strip adapted when the handle is turned to cause the cam to press upon the strips and project the prongs through the openings and
when released to be returned within the casing by said spring-actuated means.

4. A club or baton, comprising a handle, a
45 cam-shaped stem carried thereby, a removable end forming a casing provided with a series of apertures therethrough, a series of strips located within the casing opposed to the stem, spring-actuated means surrounding the ends
50 of the strips for holding them in contact with the stem, a series of prongs carried by each strip adapted when the handle is turned to cause the cam to press upon the strips and project the prongs through the openings and
55 when released to be returned within the casing by said spring-actuated means, and a spring connected to the handle and casing for returning the handle to its normal position.

5. A club or baton, comprising a casing
60 provided with a series of apertures therethrough, a handle provided with a cam-shaped stem entering said casing, means connecting the casing with the handle so that the casing can be rotated, a series of piercing means
65 mounted within the casing and adapted to contact the cam-shaped stem, and spring-actuated means connected to the handle and to the casing for returning the casing to its normal position and allowing the piercing means
70 to be withdrawn from the apertures of the casing.

6. A club or baton, comprising a casing, piercing devices mounted in the casing, a handle, means carried by handle and mounted
75 within the casing adapted to be rotated to operate the piercing devices, and a spring engaging the handle and casing adapted to return the handle after the piercing devices have been projected.

In testimony whereof I affix my signature in
80 presence of two witnesses.

EVERETT J. TROUT.

Witnesses:

DAVID BARE,
E. E. MARS.