

(No Model.)

E. D. BEAN.

POLICEMAN'S BATON OR CLUB.

No. 385,293.

Patented June 26, 1888.

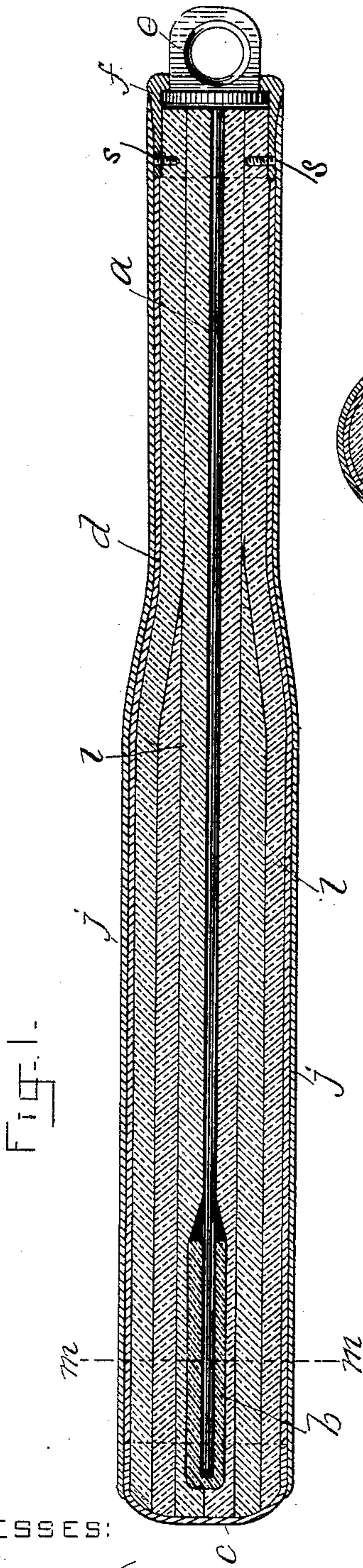


Fig. 1-

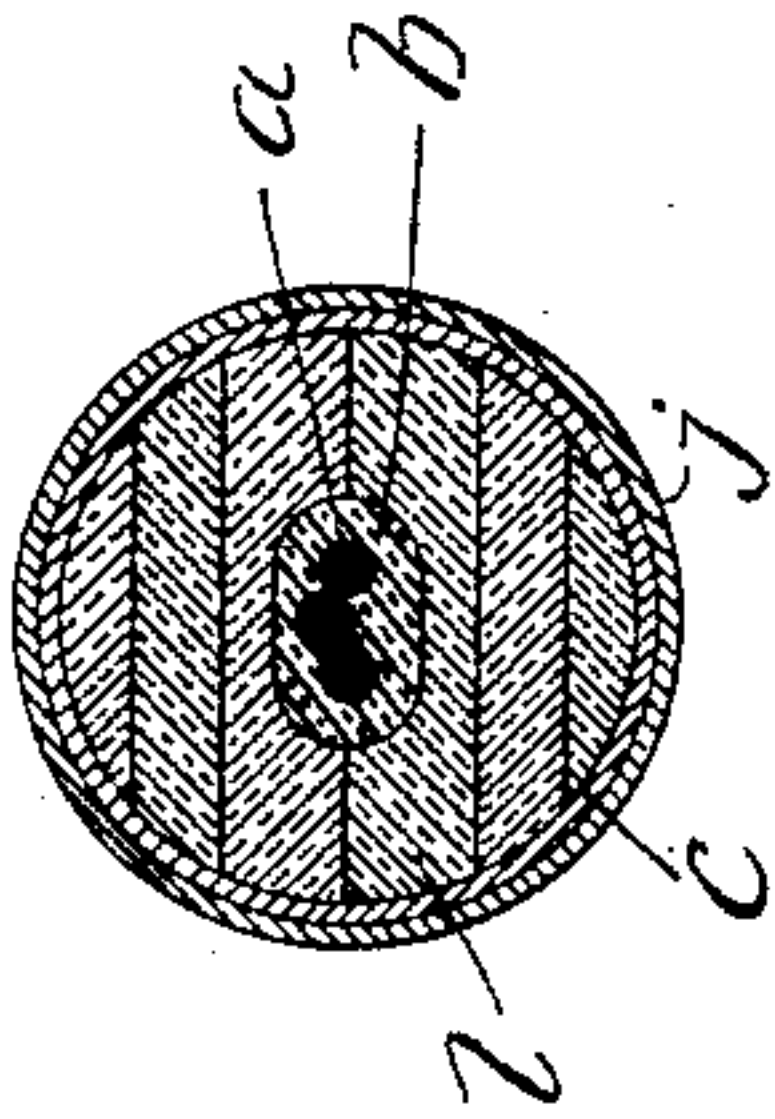


Fig. 3-

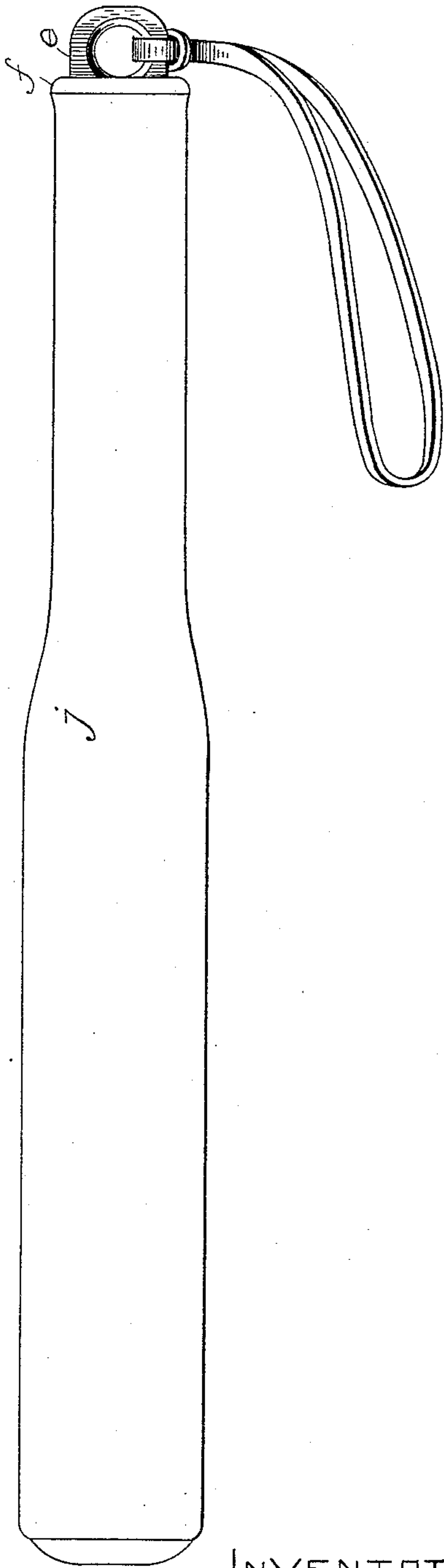


Fig. 2-

WITNESSES:

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# UNITED STATES PATENT OFFICE.

EDWARD DAVIS BEAN, OF ARLINGTON, MASSACHUSETTS.

## POLICEMAN'S BATON OR CLUB.

SPECIFICATION forming part of Letters Patent No. 385,293, dated June 26, 1888.

Application filed August 6, 1887. Serial No. 246,259. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD DAVIS BEAN, of Arlington, in the county of Middlesex and State of Massachusetts, have invented certain  
5 new and useful Improvements in Policemen's Batons or Clubs, of which the following is a specification.

My invention relates to policemen's batons or clubs, and is an improvement on the device  
10 of that kind shown and described in Letters Patent of the United States, granted to me September 29, 1874, No. 155,360. In said patent I have shown a policeman's club consisting of stuffing-pieces, a covering and handle,  
15 all made of leather, cemented together. This construction is improved by my present invention. First, by forming a core of a plurality of steel wires extending through the entire length of the club, whereby it is made more  
20 durable than heretofore, being less liable to become "limp" from long and constant use; second, by weighting the striking end of the club, whereby it is rendered more efficient in use, it having been demonstrated that without  
25 such weighting the device is oftentimes too light for the service it is desired to perform with it; third, by swiveling the eye to which the thong or sling of leather is attached in the end of the handle, whereby unruly and law-  
30 less persons may be prevented from "pinioning" or hampering the hand of an officer who may chance to have the sling slipped upon his wrist, by twisting the club so as to tighten the sling on the wrist; fourth, by providing other  
35 improvements incidental to the foregoing.

My improvements will first be described in connection with the accompanying drawings, forming a part of this specification, and then pointed out in the claims.

40 Of the drawings, Figure 1 represents a longitudinal sectional view of a policeman's baton or club embodying my improvements. Fig. 2 is a side view of the same complete. Fig. 3 is a cross-section on the line *m m*, Fig. 1.

45 Similar letters of reference indicate similar parts in all of the views.

In carrying out my invention I take several—say three—steel wires, *a*, to form the

core of the club, and mold around or secure to one end of this core a slug, *b*, of lead or other  
50 weighty material, and then build upon the core so formed a number of pieces of thick firm leather, *l*, of such form as to constitute when pressed and cemented together a body approxi-  
55 mating in shape a policeman's club. The body thus formed is turned off in a lathe, or otherwise dressed or shaped to the desired form; the striking end is covered with a piece or cap, *c*, of calf-skin or similar material, and  
60 a ferrule, *f*, with a sling-eye, *e*, swiveled therein, as represented in Fig. 1, is attached to the end of the handle by means of screws *s*, or in any other suitable or desired manner, after  
which the body is covered with a strip of canvas, *d*, or similar material, and the whole cov-  
65 ered with a jacket, *j*, of leather, preferably calf-skin, completing the baton or club shown in Fig. 1.

It is obvious that changes may be made in the form and arrangement of parts constitut-  
70 ing my invention, within the limits of mechanical skill, without departing from the nature or spirit of the improvements.

Having thus described my invention, what I claim is—

75 1. A policeman's baton having a body composed of a plurality of layers or pieces of thick firm leather, a core or center consisting of a plurality of flexible wires, a weighted slug in the striking end, and a sling-eye swiveled in  
80 the end of the handle, substantially as and for the purpose hereinbefore set forth.

2. A policeman's baton or club having a body composed of leather, a core or center consisting of a plurality of steel wires, a weighted  
85 slug, *b*, of metal in the striking end, and the whole covered first with canvas, and finally with leather, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two sub-  
90 scribing witnesses, this 2d day of August, A. D. 1887.

EDWARD DAVIS BEAN.

Witnesses:

ARTHUR W. CROSSLEY,  
WILLIAM C. RAMSAY.