

M. WARNE.  
Policeman's Mace.

No. 83,228.

Patented Oct. 20, 1868.

Fig. 2.

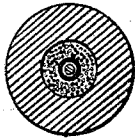


Fig. 1.

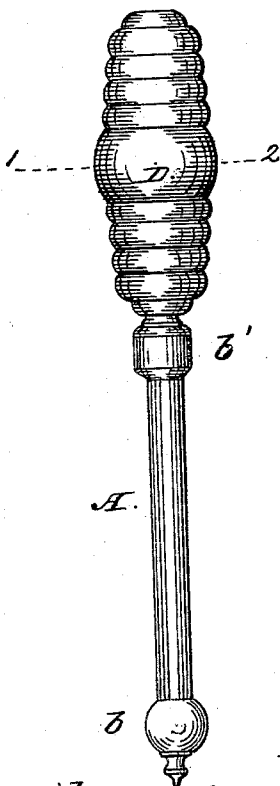
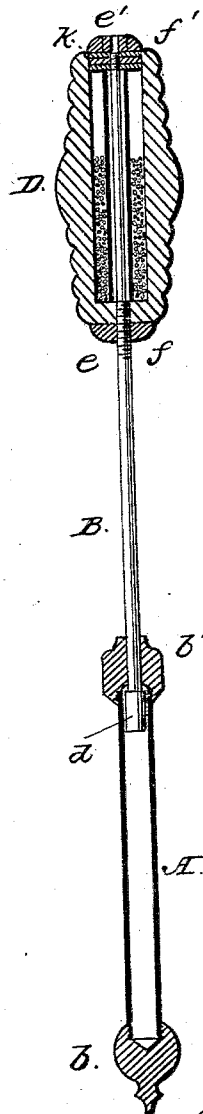


Fig. 3.



witnesses  
Wm Albert Steel.  
Wm. W. W. W.

Inventor  
M. Warne  
By his Atty  
H. Hoover

# United States Patent Office.

MAHLON WARNE, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 83,228, dated October 20, 1868.

## IMPROVEMENT IN POLICEMAN'S MACE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MAHLON WARNE, of Philadelphia, Pennsylvania, have invented an Improved Mace; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a mace, having a hollow head, of India rubber or other equivalent elastic material, and a rigid stem of metal, so that while the mace may be effective for inflicting temporary disabling blows, it will not inflict the permanent injuries frequently imparted by rigid staves.

My invention further consists in making the stem or handle tubular, and securing the head to a rod arranged to slide in the stem, so that while the mace can be made of sufficient length when in use, it can be contracted to a comparatively small size, for carrying in the pocket.

In order to enable others to make my invention, I will now proceed to describe the construction of the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is an exterior view of my improved mace; Figure 2, a transverse section on the line 1-2, fig. 1; and

Figure 3, a longitudinal section.

A is the handle of the instrument, and consists of a metal tube, at the opposite ends of which are cut screw-threads, *a a'*, adapted to nuts *b b'*.

A metal rod, B, is arranged to slide within the handle A and through the nut *b'*, but is prevented from being withdrawn by its enlarged end, *d*.

Screw-threads *e e'* are cut on the rod B, one at the end of the same, for the nut *f'*, and the other at or near the middle of the rod, for the nut *f*.

D is the head of the mace, and consists of India rubber, or other equivalent elastic material, and is confined

to the rod between the nuts *ff'*. This head D is made hollow, as illustrated in fig. 2, where *i* represents a tube of rubber, surrounding the rod B, which passes through the centre of the head D, the annular space intervening between the tube and interior of the head D being loaded with more or less shot, or equivalent heavy particles, which are retained within the head by the plug *k* and nut *f'*.

The maces or staves heretofore used by policemen and others, whose duties frequently require the use of such weapons, are made of hard wood, and sometimes of metal, and their use often results in permanent injury to the party struck, when temporary disablement only is required.

My improved mace is so constructed, that while it can be used with the desired effect, it will not be liable, owing to the elastic and yielding nature of the material of which the head is composed, to inflict permanent wounds.

By the use of the tubular stem or handle and sliding rod B, the instrument, when in use, is of sufficient length, but can be contracted, and easily carried in the pocket at other times.

I claim as my invention, and desire to secure by Letters Patent—

1. A mace, having a rigid handle or stem of metal, and a hollow head of India rubber, or other elastic material, filled with shot or its equivalent.

2. The combination of the tubular handle A, sliding rod B, its head D, and enlargement *d*.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

MAHLON WARNE.

Witnesses:

JOHN WHITE,  
C. B. PRICE.