

(No Model.)

L. GOLDSMITH.
BILLY CANE.

No. 566,306.

Patented Aug. 25, 1896.

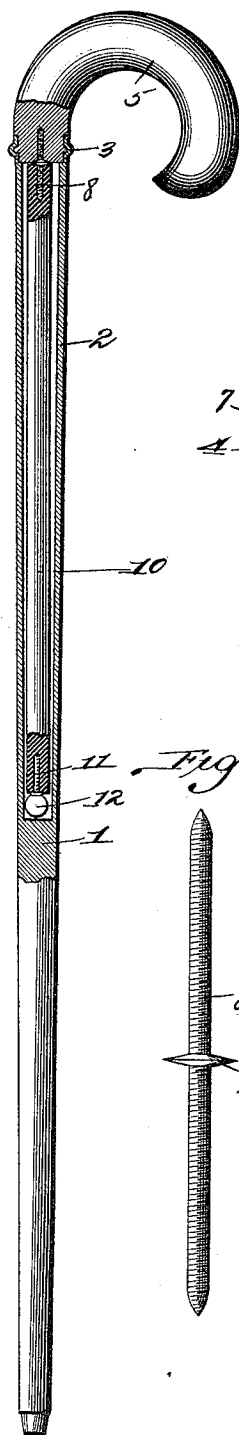


Fig. 1

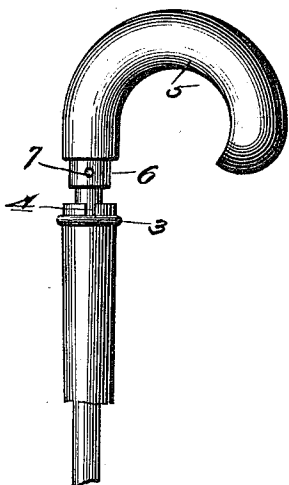


Fig. 2.

Fig. 3.

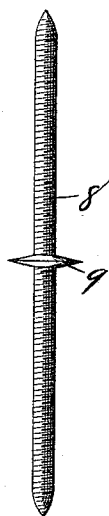


Fig. 4.

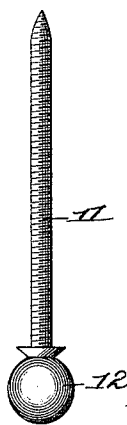
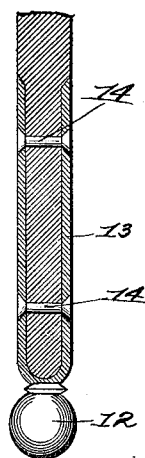


Fig. 5.



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UNITED STATES PATENT OFFICE.

LUDWIG GOLDSMITH, OF ST. LOUIS, MISSOURI.

BILLY-CANE.

SPECIFICATION forming part of Letters Patent No. 566,306, dated August 25, 1896.

Application filed February 26, 1896. Serial No. 580,927. (No model.)

To all whom it may concern:

Be it known that I, LUDWIG GOLDSMITH, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Billy-Canes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved billy-cane; and it consists in the novel construction, combination, and arrangement of parts, hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of my improved billy-cane, portions thereof being broken away to more clearly illustrate the same. Fig. 2 is a side elevation of the upper end of my improved billy-cane. Fig. 3 is a side elevation of a screw-threaded shank made use of in carrying out my invention. Fig. 4 is a side elevation of a shank carrying a metallic bullet or weight that is located in the end of the billy of my improved device. Fig. 5 is a vertical sectional view of the lower end of the billy and showing the bullet or weight attached thereto by means of a ferrule.

Referring by numerals to the accompanying drawings, 1 indicates the body of the cane, the same being of suitable size and form, the upper end of said cane being tubular, as indicated by 2, and formed in the extreme upper end of said tubular portion is an annular bead 3. Leading to this bead 3 from the top edge of the cane is a vertical slot 4.

5 indicates the handle of the cane, which may be of any form and size desired, one end of said handle being reduced in diameter, as indicated by 6, in order to fit snugly within the tubular portion of the cane.

7 indicates a pin that extends laterally from this reduced portion 6, said pin being intended to pass downwardly through the slot 4 when said handle is fixed to the top of the cane, and after said pin has been thus located a slight movement of the handle in either direction will carry said pin 7 into the annular bead 3 and thus prevent the body of the cane from becoming detached from the handle. If desired, an ordinary bayonet-joint may be used in place of the slot and bead hereinbefore described.

8 indicates a screw-threaded shank pointed at each end and constructed in its center with a washer 9. The upper end of said shank 8 is seated in the end of the handle 5, which engages in the upper end of the cane 1 until said washer 9 engages against the end of said handle.

The billy made use of in my improved device is in the form of a rod 10, the same being constructed of rubber or analogous material, said rod being preferably of uniform diameter throughout its length, it being fixed at its upper end to the portion of the screw-threaded shank 8 that extends from the handle 5. Firmly seated in the lower end of the billy 10 is a screw-threaded shank 11, the lower end of which carries an integral bullet or weight 12, which, when said shank 11 is properly fixed in the end of the billy, lies directly against said end.

In some instances the shank 11 is done away with and a ferrule, such as 13, carrying the bullet or weight is located upon the lower end of the billy by means of transversely-arranged rivets or pins 14.

The use of my improved billy-cane is obvious, it being only necessary to detach the handle carrying the billy from the cane, thus giving to the carrier of the billy-cane a very effective weapon in a close encounter.

The billy while not in use is completely concealed and the cane and handle when properly constructed present a neat and finished appearance, the entire device being light in weight, simple in construction, and readily brought into use when required.

I claim—

A billy-cane constructed with a main body, the upper end of which is tubular, a detachable handle designed to engage the upper end of said body, the annular bead 3 formed near the upper end of said body, the vertical slot 4 leading from the extreme top edge of the cane to said bead 3, the pin 7 extending laterally from the lower end of said handle and designed to pass downwardly through the slot 4 when said handle is fixed to the top of the cane and thence into the bead 3 as required to hold said handle in position, the screw-threaded shank 8 inserted in said handle, the washer 9 upon the center of said

screw-threaded shank and against the lower
end of said handle, the billy 10 having the
lower end of said shank 8 inserted in its up-
per end, the screw-threaded shank 11 seated
5 in the lower end of said billy 10 and the weight
12 upon the lower end of said screw-threaded
shank, substantially as specified.

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

LUDWIG GOLDSMITH.

Witnesses:

JOHN C. HIGDON,
MAUD GRIFFIN.