July 6, 1937. F. RUTZ 2,086,174

CHALK HOLDER

Filed Dec. 30, 1935

Fig. 1

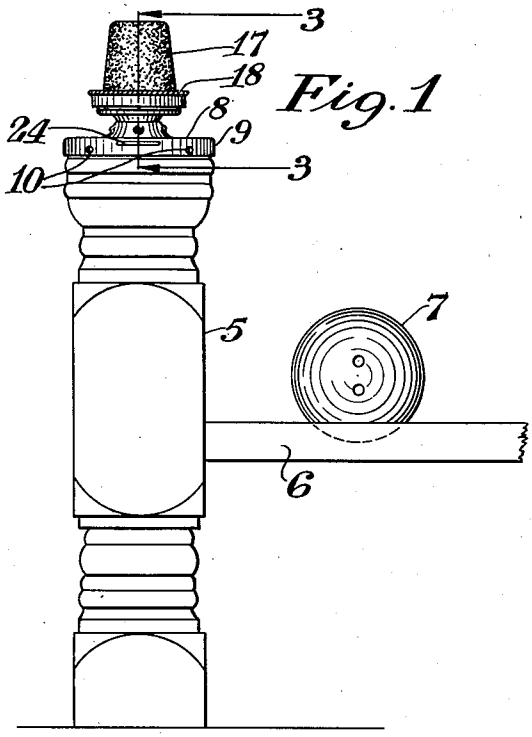


Fig. 2

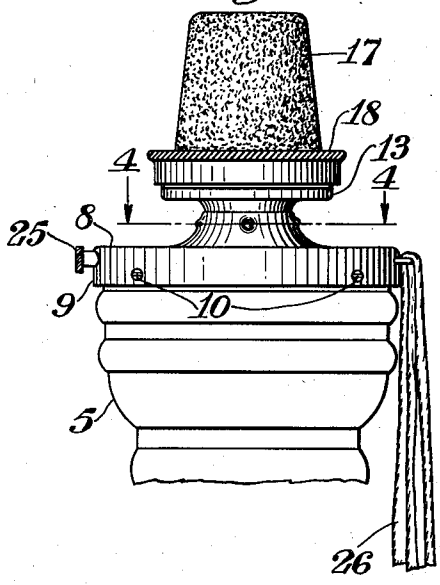


Fig. 3

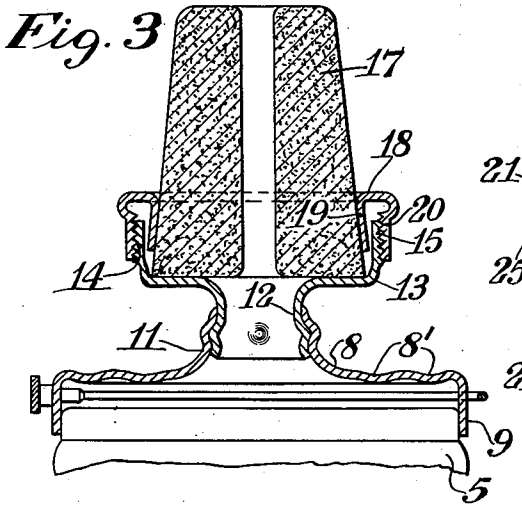
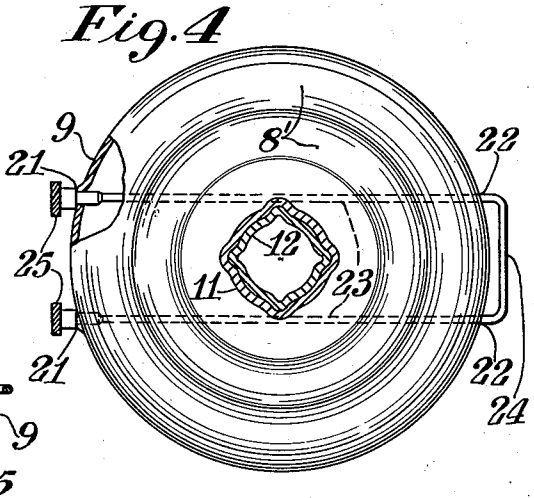


Fig. 4



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CHALK HOLDER

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Application December 30, 1935, Serial No. 56,619

5 Claims. (Cl. 273—54)

This invention relates to a chalk holder particularly adapted for use in connection with bowling alleys.

This application is a continuation in part of application Serial No. 16,055, filed April 12, 1935, now abandoned.

In accordance with the main feature of the present invention, a chalk holder is provided which firmly supports the chalk thereby preventing wastage thereof, and which is readily mounted on the top of a bowling alley post.

Other features of the invention will appear from the detailed description and claims when taken with the drawing, in which Fig. 1 is a side elevation of a bowling alley post with a portion of the ball supporting track attached thereto and with the chalk holder of the present invention mounted on the top thereof; Fig. 2 is a front elevation of the upper portion of the bowling alley post with the chalk holder mounted thereon; Fig. 3 is a vertical section taken substantially on the line 3—3 of Fig. 1; and Fig. 4 is a sectional view of the base of the chalk holder taken on the line 4—4 of Fig. 2, of the base broken away to show the means for adjusting the towel holder.

Referring to Fig. 1, 5 illustrates a bowling alley post of well-known construction to which there are attached the tracks 6 for supporting bowling balls such as 7. On the top of this post there is mounted the chalk holder of the present invention, which holder includes a circular metal base 8 having a downwardly extending flange 9 preferably of such diameter as to snugly fit the top of the post 5. Suitable screws 10 passing through holes in the flange, are screwed into the post to hold the base in fixed position thereon. The upper surface of the base has depressions 8' formed therein to retain cigars and cigarettes. This base which is preferably formed from sheet metal, has a centrally located neck portion 11. A circular stamped metal cup 13 provided with a rim 14, externally threaded at 15, is formed with a downwardly projecting neck portion 12 adapted to be telescoped into the neck portion 11 in which position the two portions are fastened together as by embossing. The cup 13 has such a diameter that it serves as a socket to receive and support the base of a frusto-conical body of chalk 17. A pressed metal ring 18, U-shaped in cross section, is provided with a sloping inner flange 19, and with a downwardly extending outer flange 20 which is internally threaded to engage the external threads 15 on the rim of the cup. It will be understood that when the ring is screwed on to the rim of the cup, the sloping flange 19 will grip the side surface of the body of chalk 17 which will thereby have its base forced against the bottom of the cup so that the chalk is securely held in the holder.

The flange 9 of the base is provided with two pairs of oppositely disposed openings 21, 22, adapted to receive a U-shaped towel holder made of metal rod stock and formed to provide two substantially parallel arms 23 connected by a cross piece 24. The arms 23 which pass thru the pairs of openings 21, 22, in the space between the top of the post 5 and the holder base, are threaded at their free ends. Knurled cap nuts 25 engage the threaded ends of the arms 23 to draw the cross piece 24 toward the flange 9 of the base so that a towel 26 inserted between these parts will be firmly gripped without danger of mutilation.

The preferred form of the invention has been disclosed but this disclosure is not to be considered in a limiting sense except as specifically defined in the following claims.

What I claim is:

1. A holder for retaining a frustro-conical body of chalk comprising a base adapted to be mounted on a bowling alley post, a cup forming a part of said base and provided with an upwardly extending threaded annular rim to enclose the lower portion of said body of chalk, and a ring having a downwardly extending inner and outer flange, said inner flange being adapted to engage a portion only of the side surface of said body of chalk, one of said flanges being threaded and being adapted to engage the threaded rim of said cup whereby the ring may be adjusted toward and away from said cup by a rotary movement.

2. A holder for retaining a frustro-conical body of chalk comprising a base adapted to be mounted on a bowling alley post, a cup forming a part of said base and provided with an upwardly extending externally threaded annular rim to enclose the lower portion of said body of chalk, and a ring, substantially U-shaped in cross-section, having downwardly extending inner and outer flanges, said inner flange sloping outwardly to engage a portion of the side surface of said body of chalk, said outer flange being internally threaded and being adapted to engage the threaded rim of said cup whereby the ring may be adjusted toward and away from said cup by a rotary movement with the rim of the cup projecting into the space between the flanges of said ring.

3. A chalk holder comprising a base member, adapted to be supported on a bowling alley post and being provided with a depending marginal flange for snugly engaging the side walls of the post at the top thereof, said base having a socket formed therein adapted to receive the bottom portion of a frustro-conical piece of chalk, a clamping member detachably secured to the base and adapted to engage and to maintain the chalk securely in said socket.

4. In a holder, a base having two oppositely opening recesses therein, one recess adapted to snugly embrace the top of a bowling-alley post, the second recess being adapted to receive a frustro-conical preformed article therein, and a clamping ring detachably secured to the base and adapted to lock the preformed article in said second recess.

5. A chalk holder comprising a base member provided with a downwardly extending flange and with an upwardly projecting neck, a cup having an upwardly extending rim and a downwardly extending neck secured in telescopic engagement with said first mentioned neck, said cup being adapted to receive the bottom portion of a frustro-conical piece of chalk, and a ring detachably secured to said rim, said ring being of a size to encircle said piece of chalk and engage the side thereof.

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