May 30, 1950 D. A. McGREGOR 2,509,604

BOWLING ALLEY GUTTER CLEANER

Filed July 6, 1948

Fig. 1.

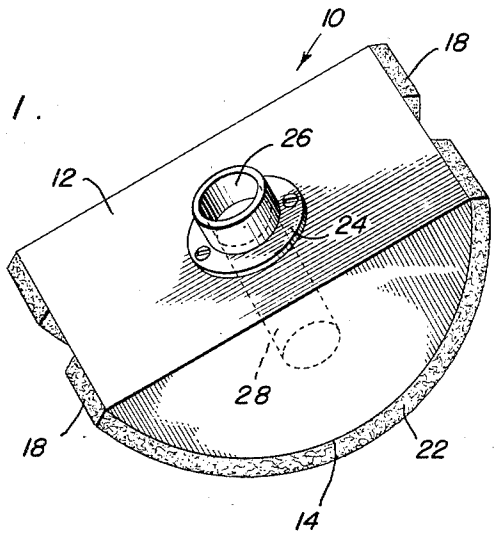


Fig. 3.

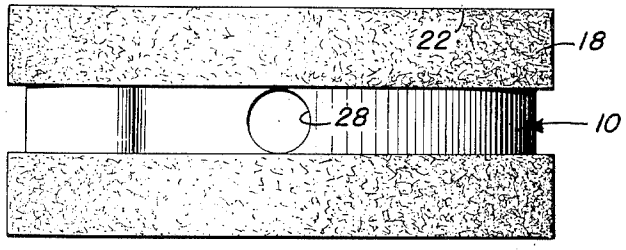
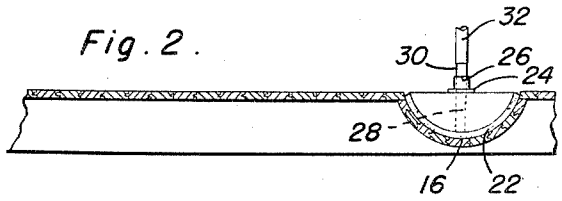


Fig. 2.



Delbert A. McGregor
INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson
Attorneys

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BOWLING ALLEY GUTTER CLEANER

Delbert A. McGregor, Chippewa Falls, Wis.

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2 Claims. (Cl. 15—395)

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This invention relates to new and useful improvements in cleaning equipment and the primary object of the present invention is to provide a device for quickly and readily cleaning bowling alley gutters in a convenient manner.

Another important object of the present invention is to provide a bowling alley gutter cleaner applicable for vacuum cleaners so that the same will simultaneously shine or polish a bowling alley gutter as well as remove dirt or other foreign substances therefrom.

A further object of the present invention is to provide a bowling alley gutter cleaner that is extremely small and compact in structure.

A still further aim of the present invention is to provide a device of the aforementioned character that is simple and practical in construction, strong and reliable in use, relatively inexpensive to manufacture, and otherwise well adapted for the purpose for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the present bowling alley gutter cleaner;

Figure 2 is a diagrammatic view showing the present invention in use; and

Figure 3 is a bottom plan view of the present invention.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents a polishing head generally, substantially semi-cylindrical in form and having a preferably flat upper face 12 and a rounded lower face 14 that conforms to the transverse curvature of a bowling alley gutter 16.

Rigidly secured to the rounded lower face of the polishing head 10 is a pair of spaced parallel polishing strips or resilient pads 18 having their outer edges 20 coplanar with the outer sides 22 of the head 10.

Fixed to the upper face 12 of the head 10, is the annular flanged portion 24 of an upstanding sleeve or socket 26 that aligns a vertical bore or opening 28 provided in the head one end of which is positioned between the strips 18.

In practical use of the device, the socket 26 frictionally engages the outer free end 30 of a flexible conduit or intake hose 32 of a suitable

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vacuum so that the polishing head may be used to both polish the gutter 16 and remove dirt therefrom.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A bowling alley gutter cleaner comprising a polishing head having a rounded lower face conforming to the curvature of a bowling alley gutter, said head having forward and rear vertical faces, said head having a vertical bore therein and spaced between the forward and rear faces of said head, a polishing strip secured to the rounded lower face of said head and disposed between the bore and the rear vertical face of said head, and a socket member rising from the head and communicating with the bore for receiving a vacuum cleaner hose.

2. A bowling alley gutter cleaner comprising a polishing head having a rounded lower face conforming to the curvature of a bowling alley gutter, said head having forward and rear vertical faces, said head having a vertical bore therein and spaced between the forward and rear faces of said head, a pair of spaced parallel polishing strips secured to the rounded lower face of said head and disposed between the bore and the vertical faces of said head, and a socket member rising from the head and communicating with the bore for receiving a vacuum cleaner hose.

DELBERT A. McGREGOR.

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