Feb. 2, 1932. A. APPELT 1,843,500

SHOE CLEANING DEVICE

Filed March 20, 1931

Fig. 1.

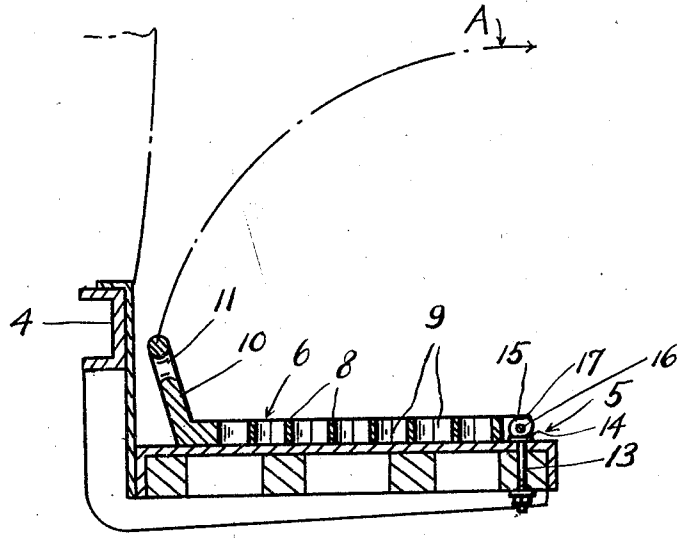


Fig. 2.

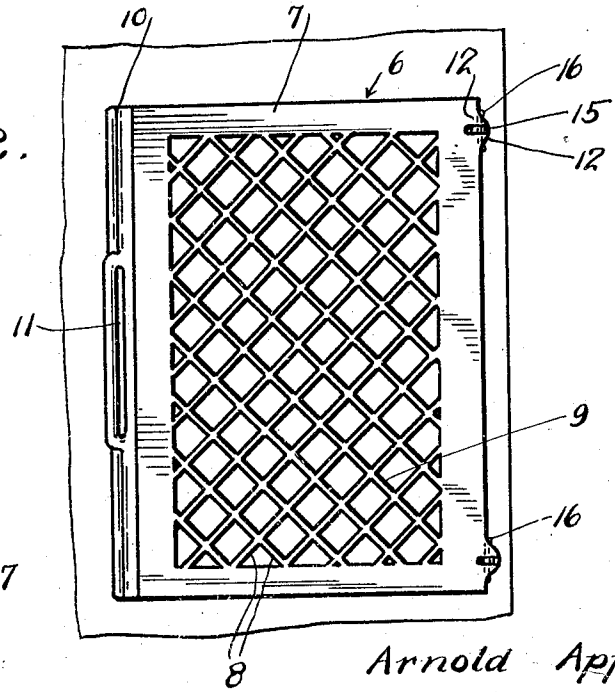
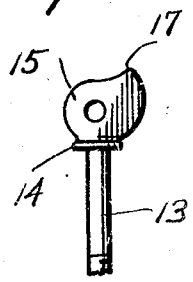


Fig. 3.



Inventor

Arnold Appelt

By Clarence A. O'Brien

Attorney

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UNITED STATES PATENT OFFICE

ARNOLD APPELT, OF MILWAUKEE, WISCONSIN

SHOE CLEANING DEVICE

Application filed March 20, 1931. Serial No. 524,141.

This invention relates to an improved automotive accessory, and has more particular reference to an attachment for the running board of an automobile, particularly that type of attachment which is used for removing dirt and mud from the shoes by a scraping operation.

At the present time mats, roughened plates, and grids are employed for the purpose.

The present invention has reference to an open-work grid plate which is hingedly mounted on the running board in such a manner as to permit the accumulated particles of dirt and mud to be easily brushed from beneath the scraping plate.

More explicitly related, the invention comprehends the provision of a substantially rectangular plate having an open-work grid or grating, means for hingedly attaching the outer longitudinal edge thereof to the running board, and a flange at the inner edge forming a guard and provided with a handle to facilitate lifting and outward swinging of the complete plate to expedite brushing or cleaning of the dirt which has accumulated therebeneath.

In the drawings:

Figure 1 is a transverse sectional view showing the appliance in position on the running board.

Figure 2 is a top plan view.

Figure 3 is an elevational view.

In the drawings, in Figure 1, the reference character 4 designates a fragmentary part of the body of an automobile and 5 indicates the running board and 6 the shoe scraper. This scraper as seen better in Figure 2 embodies a marginal frame 7 having its central portion fashioned to provide an openwork grate or grid including a plurality of intersecting bars 8 and cubical holes 9.

The inner frame bar is provided with an upstanding flange 10 which functions as a guard and which has its central portion fashioned to provide a handgrip 11. The outer frame bar is provided adjacent opposite ends with notches defining furcations or lugs 12 which constitute the means for swingably mounting the outer edge portion of the device on the running board, and which allow the device to be swung outwardly in the direction of the arrow A in Figure 1.

It will be observed that the reference characters 13 designate the attaching bolts fastened to the running board and each bolt is formed with a headed top portion having a circular abutment flange 14 and an upstanding apertured ear 15. The ear receives the pintle pin 16 which serves to hingedly connect the lugs 12 to the ear. This provides the desired hinged connection.

It will be observed however that the ear 15 is formed with an upstanding stop 17 designed to limit the outward swinging motion of the scraper plate so that it cannot flop over completely to a hanging down position and to thus form a possible obstruction to safe driving.

It is thought that the description taken in connection with the drawings will enable a clear understanding of the invention to be had. Therefore, a more lengthy description is thought unnecessary.

While the preferred embodiment of the invention has been shown and described, it is to be understood that minor changes coming within the field of invention claimed may be resorted to in actual practice if desired.

I claim:

A shoe cleaning device for a running board of an automobile comprising a grid plate having an upwardly and inwardly extending flange at its inner edge, said flange having a slot in an enlarged part at its center forming a handle, lugs on the outer edge of the plate having openings therein, bolts passing through the running board and each having an upstanding substantially circular head having flat sides extending through the opening in each lug, pins passing through the lugs and through the heads of the bolts and pivotally connecting the plate to the bolts and each head being formed with a cam part extending upwardly and outwardly for engaging a part of the plate when the plate is swung upwardly and outwardly to hold the plate in raised position.

In testimony whereof I affix my signature.

ARNOLD APPELT.