To all whom it may concern:

Be it known that I, George A. Rentzel, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Shoe Shining or Polishing Brushes, of which the following is a specification.

This invention relates to improvements in a shoe shining or polishing brush, and it consists preferably of an ordinary shoe brush, a dauber, a blacking or polish receptacle, a blacking or polishing distributing means connecting the dauber with the receptacle so that polish may be applied to the bristles or hair of the dauber.

The essential feature of my invention is to construct a blacking brush, having a dauber conveniently located and positioned on the top of the brush proper, a tube leading into the dauber through which blacking or polish is placed and fed to the dauber, and a blacking or polish container detachably connected to the tube, the blacking or polish being fed into the dauber by pressure upon the container.

A further object of my invention is to construct a housing or supporting frame in which the container is located in such a manner so one portion thereof may be shifted to one side so that easy access may be had to the container for replacing or removing the same and to provide a locking means for supporting the housing in rigid position when the same is closed.

Figure 1, is a top plan view of my complete invention.
Fig. 2, is an end view of the same.
Fig. 3, is a vertical central sectional view of the same.
Fig. 4, is a detail perspective view of the supporting frame or housing which houses the blacking receptacle and supports the dauber.
Fig. 5, is a detail top plan view with the dauber removed showing the action of the housing for the removal and insertion of the polish tube.
Fig. 6, is a detail perspective view of the blacking receptacle in a position ready to be attached to the feeding tube.
Fig. 7, is a detail sectional view showing the housing locking means and taken on the line 7—7 of Fig. 8.
Fig. 8, is a cross sectional view of the same taken on the line 8—8 of Fig. 7.

Referring to the drawings in detail 9 indicates the body or frame of an ordinary blacking or polish brush, 10 the usual bristles which are supported in the frame in the usual manner.

On the top of the body or frame 9 is placed a supporting frame 11 consisting preferably of two members 12 and 13, the member 12 is arranged to be rigidly fastened to the top of the brush while the member 13 is pivotally connected to the brush at the point indicated by the numeral 14 and is held in position on the brush by the pivot pin 15.

The upper edge of each section is slightly bent inwardly as that indicated by the numeral 16, the bottom ends being flanged as that shown and indicated by the numeral 17.

The front ends of the supporting members 17 are inclined and provided with a flange 18 to which is attached the dauber 19 which may be of any size or shape and the same when firmly attached in position will be arranged on a slight incline as that shown. The dauber and frame is provided with a central opening 20 in which is inserted a tube 21, the free end of the tube is provided with an internal screw thread 22 which will accommodate the insertion of the screw threaded nipple 23 formed on the polish or blacking receptacle 24. This receptacle is of the ordinary collapsible construction as tubes now used for containing glue, paste or any other ingredients and the material is such as to permit the tube to be pressed together so as to force the blacking out of the nipple and through the tube 21, permitting the polish to contact with the bristles of the dauber.

In the top of the brush 9 is formed an elongated recess in which is attached a leaf-spring 25 the same being provided with an opening 26 and a finger operating end 27, and on the flange 17 of the pivotal member 18 is provided a short pin 28, this pin is so arranged as to fit into the opening 26 of the spring and hold the pivotal member in locked position, and in order to shift the member 13 to one side as that shown in Fig. 5, the leaf-spring is pressed down on and the pin released from the opening.

The polish tube together with the tube 21 may also be shifted to one side as that shown in Fig. 5 so that the receptacle can be easily and readily removed or replaced and the side movement is limited by a staple...
passing around the tube 21 and driven into the body of the dauber.

In order to properly support the dauber 19 and to close off the front of the brush 5 I place over the outer periphery of the edge of the brush and a portion of the dauber a plate 30, this plate acts as a protector as well as a support to prevent the front edges of the supporting members from con- tacting with the shoes and scratching the same.

It is the intention to put up the blacking or polish in tubular containers as that shown and all that is necessary is to remove its cup and insert the screw-threaded nipple into the tube 21, then by pressure upon the tube the blacking or polish is forced through the tube into the bristles of the dauber which then may be readily applied to the shoe, then by reversing the brush the shoe can be polished without in any way soiling the fingers of the hand and at the same time having the entire combination, dauber, blacking and brush in one.

This invention is an improvement over my invention now pending; Serial No. 253606, filed September 11, 1875.

Having fully described my invention, what I claim, is:

1. A device of the character described adapted to be attached to the top of a brush comprising a support composed of two parts, the forward ends of the parts being inclined and provided with flanges, a dauber mounted on the flanges, a portion of the upper edges of the support being bent inwardly to form a housing, a tube connected to the base of the dauber and projecting therethrough to connect with a tube in the housing, one of said members of the housing being pivotally mounted for free access to the polish tube, substantially as specified.

2. A device of the character described adapted to be attached to the top of a brush comprising a support composed of a stationary and a pivotal part, the forward ends of the parts being inclined and provided with flanges, a dauber mounted on the flanges, a portion of the upper edges of the support being bent inwardly to form a housing, a tube connected to the base of the dauber and projecting therethrough to connect with a polish tube in the housing, one of said members of the housing provided with a locking pin to engage with a locking device on top of the brush, substantially as specified.

3. A shoe shining and polishing brush consisting of placing on the top of the brush a suitable housing consisting of a stationary and a hinged member, flanges formed on each of said members, a portion of the upper edges of said members being turned inwardly to act as a housing, the forward ends of the members being inclined and provided with flanges, a dauber mounted on the inclined flanges, a pivot extending through the hinged member and into the dauber for supporting the hinged member, a tube connected to the base of the dauber and projecting therethrough to connect with a polish tube supported in the housing and a means for limiting the swing movement of the polish tube, substantially as specified.

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

GEORGE A. REITZEL.

Witnesses:

ALFRED A. FICKS,

GEO. F. LANE.