W. R. HENKLE.

FOLDABLE CLOTHESBRUSH.

APPLICATION FILED OCT. 11, 1920.

1,374,010.

Patented Apr. 5, 1921.

2 SHEETS—SHEET 1.

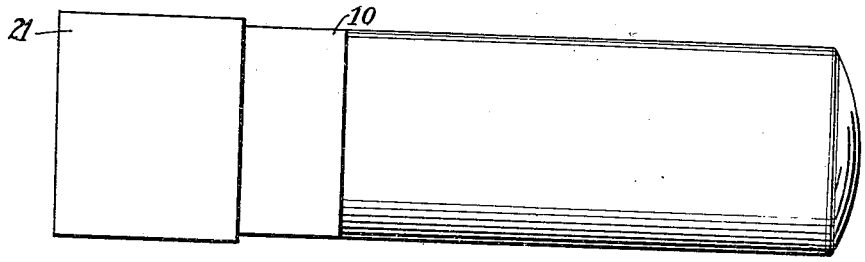


Fig. 1.

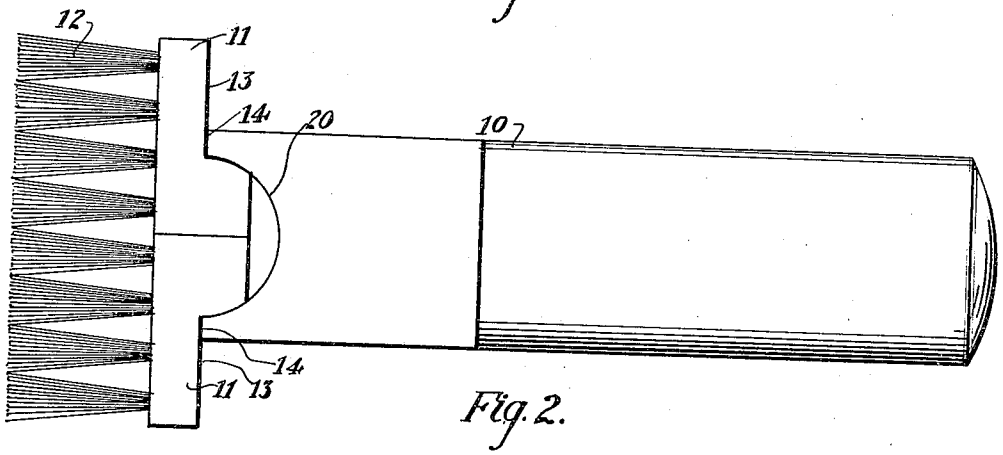


Fig. 2.

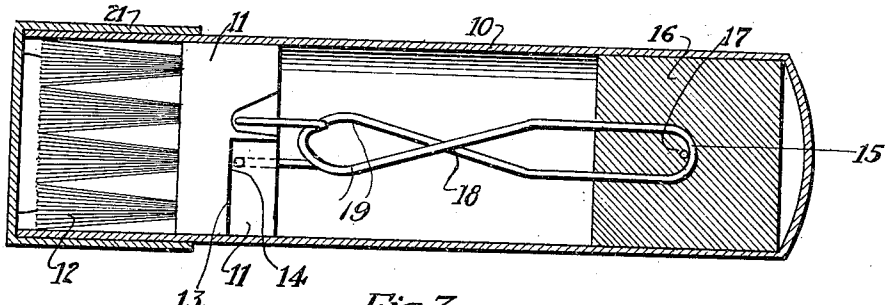


Fig. 3.

W. R. Henkle.

INVENTOR

E. Yeager

WITNESS:

BY Victor J. Evans

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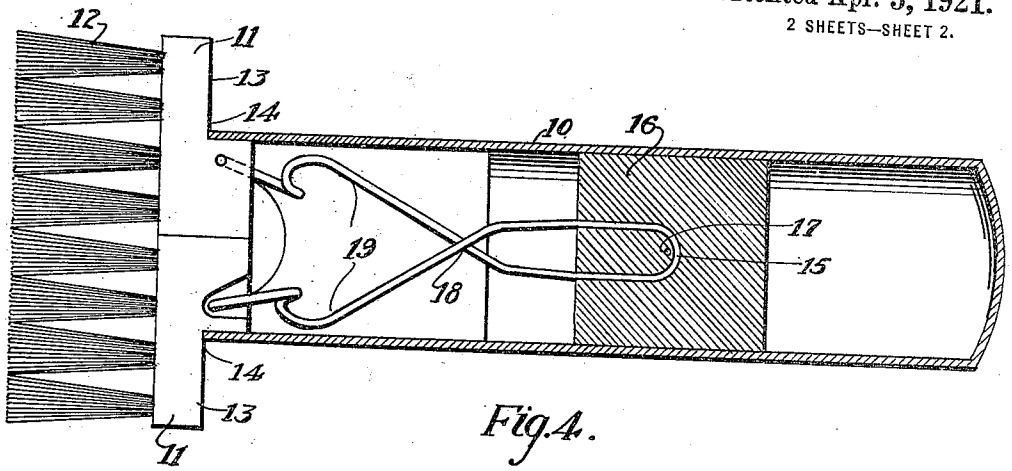


Fig. 4.

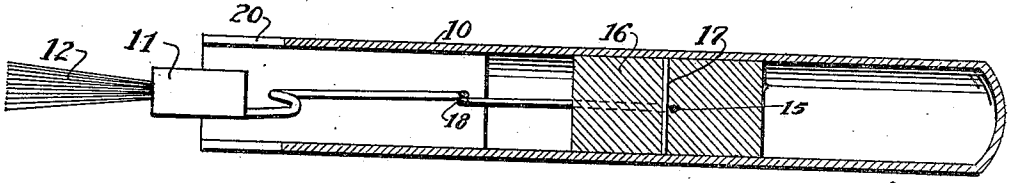


Fig. 5.

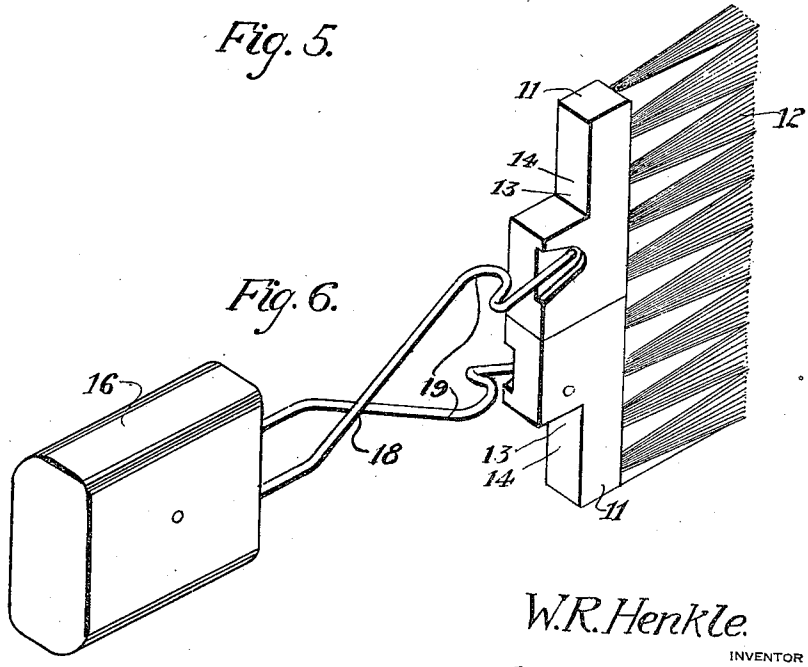


Fig. 6.

W. R. Henkle.

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WITNESS:

UNITED STATES PATENT OFFICE.

WILLIS R. HENKLE, OF LIMA, OHIO.

FOLDABLE CLOTHESBRUSH.

1,374,010. Specification of Letters Patent. Patented Apr. 5, 1921.

Application filed October 11, 1920. Serial No. 415,978.

To all whom it may concern:

Be it known that I, WILLIS R. HENKLE, a citizen of the United States, residing at Lima, in the county of Allen and State of Ohio, have invented new and useful Improvements in Foldable Clothesbrushes, of which the following is a specification.

This invention comprehends the provision of a foldable clothes brush or the like which can be conveniently folded to produce a very small compact article which can be carried in the pocket of the user, the parts being quickly and readily arranged for use when the occasion requires.

More specifically stated, the invention embodies among other features an elongated casing which constitutes the handle of the brush, the head of the latter being made in separable sections, which when separated can be conveniently arranged within the casing or handle of the brush, and when associated for use are arranged upon one end of the casing.

Another object of importance resides in the novel construction of means utilized in holding the sections of the brush associated for use, and in their position within the casing or handle of the brush.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is an elevation of the device forming the subject matter of my invention, showing the parts folded.

Fig. 2 is a similar view showing the cap removed and the brush in position for use.

Fig. 3 is a vertical sectional view taken through Fig. 1.

Fig. 4 is a similar view taken through Fig. 2.

Fig. 5 is a rectangular sectional view taken through the device.

Fig. 6 is a perspective view of the brush and its associated parts removed from the casing.

Referring to the drawings in detail 10 indicates an elongated casing, which is preferably of rectangular formation in cross section, and which casing constitutes a handle for the brush when the latter is in use. The head of the brush is made up of two identical sections 11 which may be of any suitable material, the bristles being indicated at 12. The head section 11 is cut away on its under side as at 13 to provide a shoulder 14 which bears against the adjacent side of the casing when the brush is in extended position for use. The sections 11 are connected together by a resilient element of the construction clearly illustrated in Fig. 6, this element being formed from a single length of material and bent upon itself to provide an intermediate loop 15 which is embedded in a block of wood, rubber or other suitable material 16 arranged for sliding movement within the casing 10. A pin 17 is passed through the block 16 and also through the loop and resilient element to hold the parts operatively associated. The respective limbs of the resilient element are crossed as at 18, and then slightly curved as at 19, the free ends of these limbs terminating to unitedly provide a substantially rectangular portion which receives the head sections 11 of the brush. The extremities of the resilient element are embedded in the head sections 11 as clearly shown. The tension exerted upon the sections 11 by the construction of the resilient element, is such as to hold the head sections in face to face contact when the brush is in use as shown in Fig. 2, and when the head sections are separated and arranged one behind the other within the casing, the resilient element exerts a tension upon the head sections to hold the latter in effective engagement with the opposed side walls of the casing. The upper end of the casing is cut away as at 20 to permit the bristles to be readily taken hold of by the fingers of the user, so that the brush sections can be readily and easily extracted from the casing when use of the brush is desired. Subsequent to the separation of the brush sections 11 and the positioning of the same within the casing 10, the casing is closed by means of a cap 22 which prohibits the dust and dirt and other foreign matter from accumulating about the bristles 12. When the parts are arranged in the manner just stated, a very compact article is provided which may be conveniently carried in the pocket of the user. While the upper portion of the casing 10 is preferably of rectangular formation as above stated, the lower portion of

the casing may if desired be of oval contour in cross section to fit better in the hand of the user as also in the pocket. However, the material from which the component parts are made and the configuration of the same may vary without departing from the spirit of the invention.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, as the same is merely illustrative, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What I claim is:

1. A brush including a casing which constitutes the handle of the brush, a sectional brush head slidable in the casing, and means arranged within the casing for holding said sections of the head associated for use beyond one end of the casing, and in folded position within the casing.

2. A brush comprising a casing, a brush head including separable sections, adapted to be arranged within the casing and slidably projected beyond one end of the casing for use, and resilient means for holding said sections fixed relatively in either of their positions.

3. A brush including a casing constituting a handle for the brush, a brush head including separable sections adapted to be arranged parallel to each other within the casing, and in end to end relation when projected beyond the casing for use, and resilient means arranged within the casing and associated with the sections for holding the latter fixed relatively in either of their positions.

4. A brush comprising a casing constituting a handle for the brush, a brush head including separable sections adapted to be arranged parallel to each other within the casing and in end to end relation when exposed beyond one end of the casing for use, means movable within the casing and associated with said head sections for holding the latter fixed relatively in either of their adjusted positions.

5. A brush including a casing constituting a handle for the brush, a brush head comprising separable sections adapted to be arranged within the casing when not in use and projected beyond the casing when in active position, a block slidably fitted within the casing, a resilient element associated with the block and having relatively movable limbs, said limbs being terminally connected with the respective sections for holding the latter in either of their positions.

6. A brush including a casing constituting a handle for the brush, a brush head including separable sections adapted to be arranged parallel to each within the casing, and in end to end relation when projected beyond the casing for use, and means for holding said sections fixed relatively in either of said positions.

In testimony whereof I affix my signature.

WILLIS R. HENKLE.