

(No Model.)

A. MAUSER.  
HAT AND BRUSH THEREFOR.

No. 485,640.

Patented Nov. 8, 1892.

Fig. 1

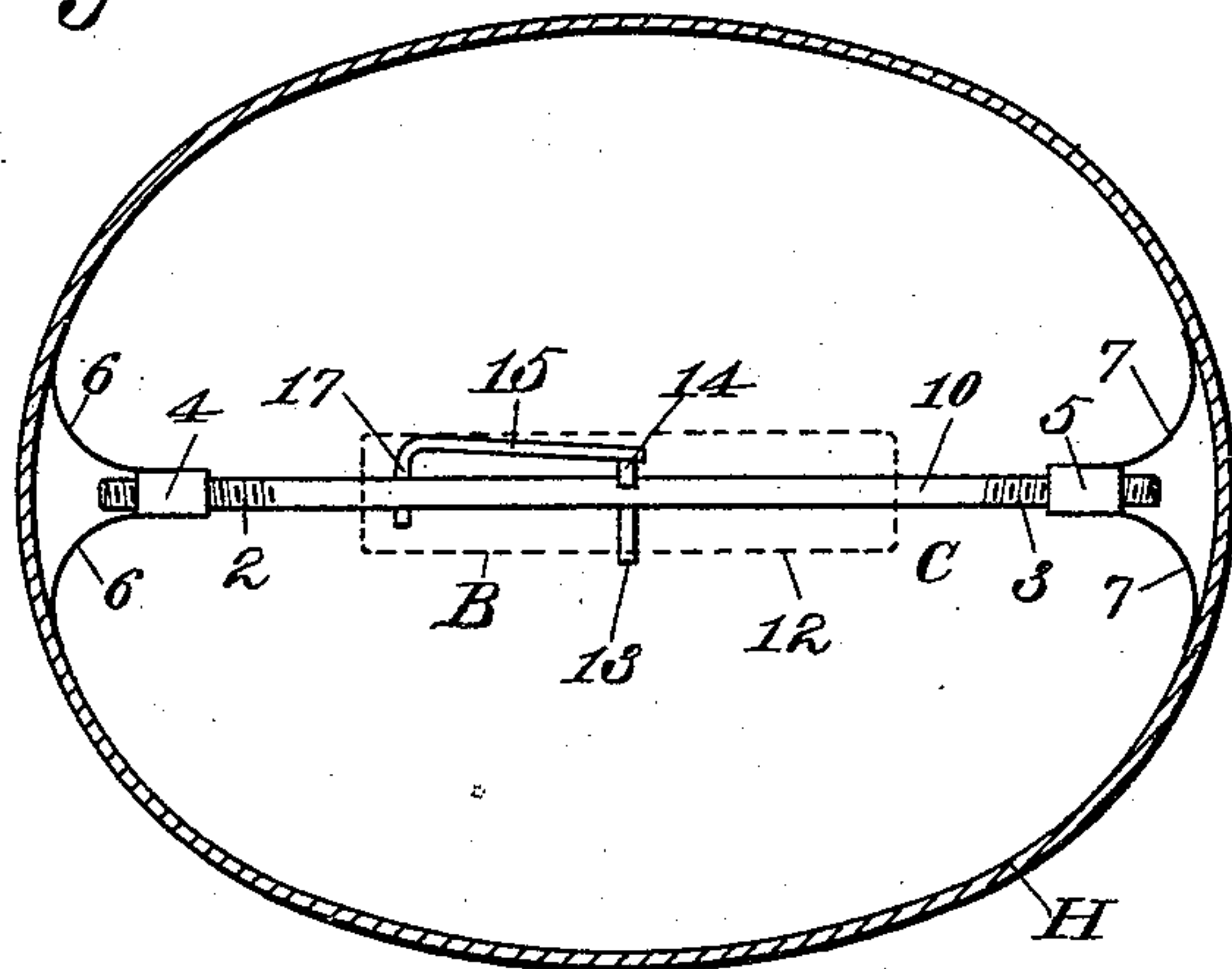


Fig. 2

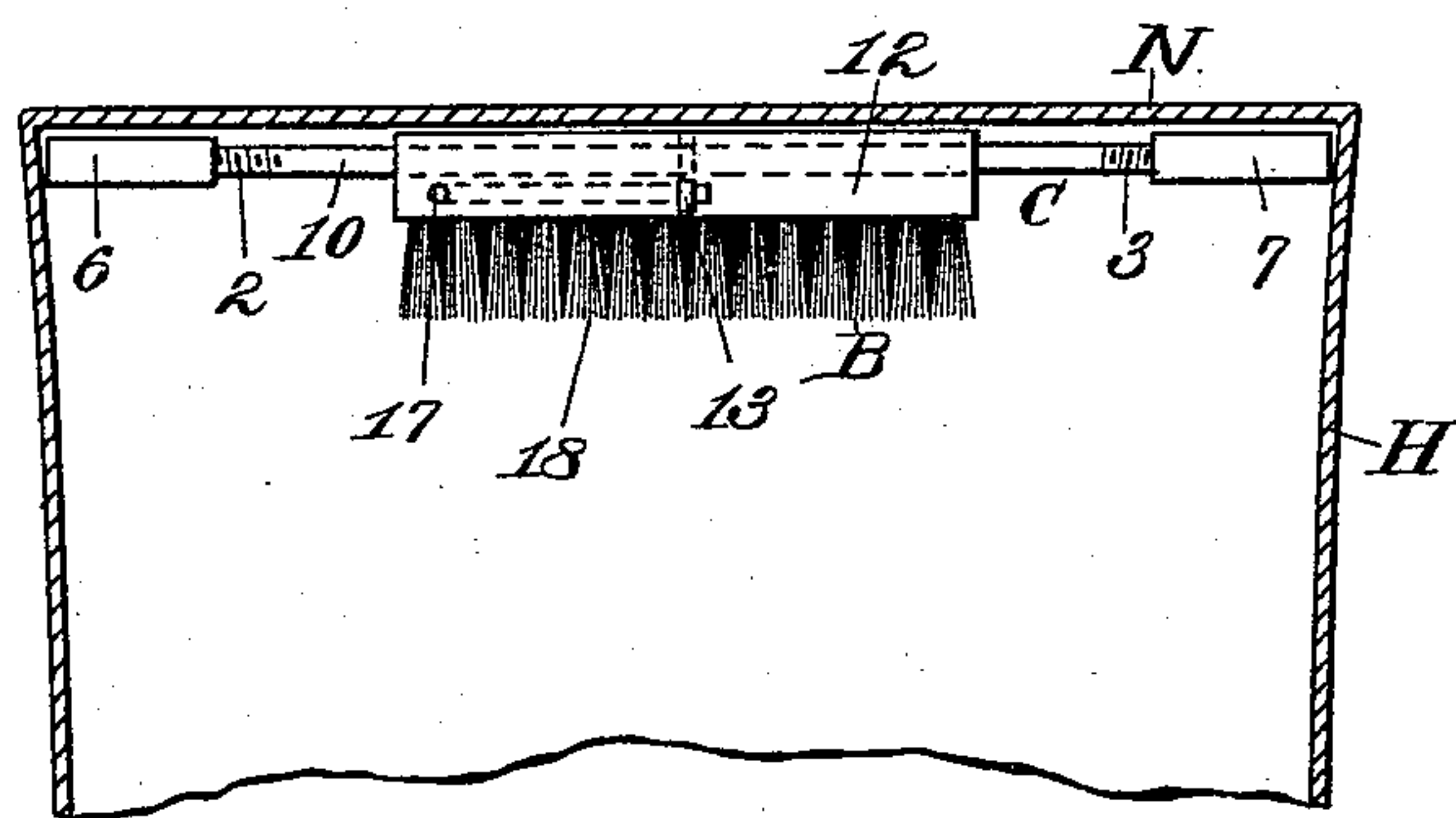
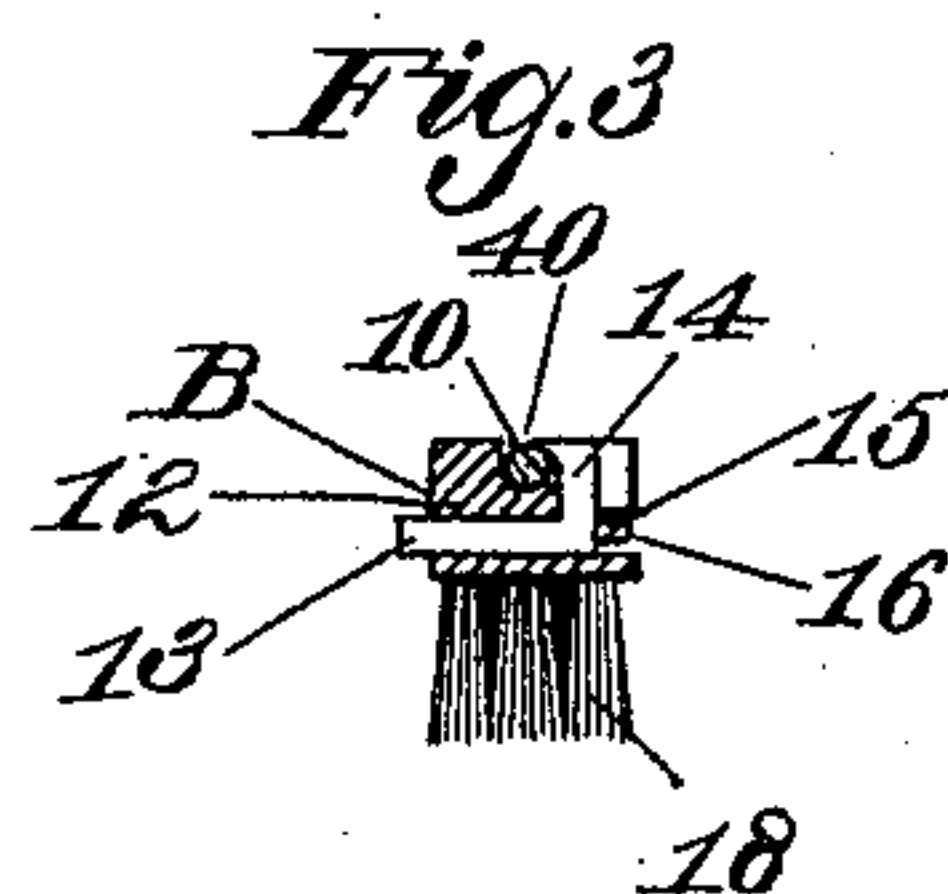
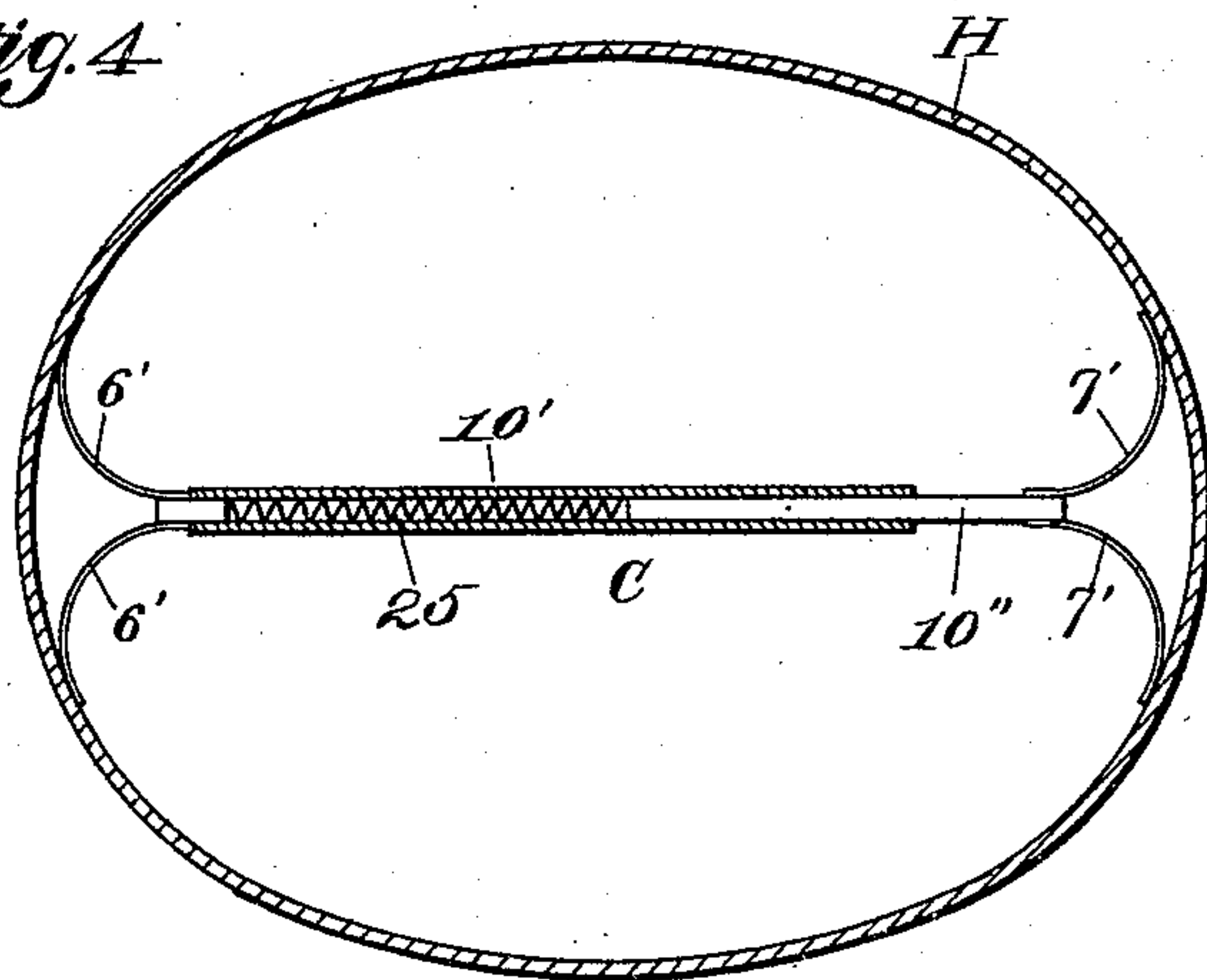


Fig. 4



Witnesses:

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# UNITED STATES PATENT OFFICE.

ALFONS MAUSER, OF OBERNDORF, GERMANY.

## HAT AND BRUSH THEREFOR.

SPECIFICATION forming part of Letters Patent No. 485,640, dated November 8, 1892.

Application filed March 16, 1892. Serial No. 425,102. (No model.)

*To all whom it may concern:*

Be it known that I, ALFONS MAUSER, residing at Oberndorf-am-Neckar, Württemberg, Germany, have invented certain new and useful Improvements in Hats and Brushes Therefor, of which the following is a specification.

This invention relates to hat-brushes and carriers therefor, the object being to provide a brush and carrying means adapted to be carried in the hat while this is being worn.

In the drawings accompanying and forming a part of this specification, Figure 1 is a sectional plan view of my improvement, shown in place within the hat-body just below the crown thereof. Fig. 2 is a sectional side elevation of the upper portion of the hat, showing the brush-carrying device in place and with the brush suspended therefrom. Fig. 3 is a vertical cross-sectional view of the brush which is shown in side view in Fig. 2. Fig. 4 represents a modification in the construction of the form of brush-carrying device shown in Figs. 1 and 2.

Similar characters designate like parts in all the figures.

It is well known that the silk hats usually worn require frequent brushing to keep them in presentable condition and that it is a matter of inconvenience for travelers and others to carry with them and have the same ready for use when required the proper brushes for smoothing the surface of the hat. For the purpose of overcoming that inconvenience and for providing means always in readiness for the purpose I furnish the hat with a brush-carrier fixable in the hat and with a brush constructed to be normally supported by said carrier and detachable therefrom for use.

In Figs. 1, 2, and 4 the brush-carrier is designated in a general way by C, the brush being designated in a general way in Figs. 1, 2, and 3 by B.

The body or tube of the hat is represented by H in Figs. 1, 2, and 4, the crown or top of the hat being designated where this is shown by N. It has not been deemed necessary for illustration of my improvement to show the lower portion and usual rim of the hat.

The brush-carrier shown in Figs. 1, 2, and 3 consists of the rod or bar 10, having at the respective ends thereof the right and left

hand threads 2 and 3, engaging corresponding threads within the nuts or blocks 4 and 5, which nuts or blocks are furnished with suitable hat-engaging means—as, for instance, the pairs of spring-arms or hat-engaging fingers 6 6 and 7 7—these or equivalent devices being also designated as “hat-engaging terminals.”

The rod 10 is shown in sectional view in Fig. 3 lying in the seat or groove 40, formed therefor in the back 12 of the brush B. For the purpose of locking the brush back to the brush-carrying rod 10 said back is not only grooved to receive the carrier, but is provided with a rod-engaging hook 14, whose stem 13 is fitted to slide in a hole crosswise of the brush-back 12, being actuated to normally grasp the rod 10 by means of a spring 15, fixed by its bent end 17 into the brush-back, the working end 15 of said spring lying in the slot 16, Fig. 3, formed in the edge of the brush-back, as will be understood by comparison of Figs. 1, 2, and 3. The brush-back 12 is furnished on one side thereof with the usual bristles 18, suitable for the required purpose. By means of the right and left threads 2 and 3 the user is enabled by turning the rod 10 to adjust the length of the carrier C to fit firmly within the hat-body, and thereby furnish the resistance required for securely supporting the brush in place. This means of adjustment also adapts the device C to be fixed in hats of different sizes. When it is required to use the brush, the user grasps the same by the sides thereof, pressing on the projecting end 13 of the rod-engaging hook 14, thereby retracting the hook and disengaging the brush from its carrier. After using the brush it is returned to place by pressing the same upon the rod 10, which, being rounded, pushes back the hook 14 until this passes over the rod, as in Fig. 3, and thus normally retains the brush in its suspended position. (Shown in Fig. 2.) For the purpose of illustrating the operation of the hook 14 and its spring 15 the brush-back 12 is shown in Fig. 1 in dotted lines, the aforesaid details being shown in solid lines.

In the modified form of brush-carrying device shown in Fig. 4 the rod 10 is replaced by a tube 10', having fixed thereto at one end thereof the spring-arms 6' 6' and having fit-



ting in the other end thereof the sliding rod 10'', provided with oppositely-disposed spring-arms 7' 7'. Said rod 10'' slides within the tube 10' and is normally forced outward therefrom by the coiled spring 25 of a power suitable for holding the required weight. The function of the tube 10' is the same as that of the rod 10 in Figs. 1 and 2, and the method of removing the brush therefrom and replacing it thereon is the same as described in connection with the preceding figures.

The brush-carrying rod shown in the several views in the drawings is fixed in the hat immediately adjacent to the crown thereof, so that when the brush B is held in place on said rod the brush-back 12 lies contiguous to the under side of the crown N, and is thereby prevented from rocking to and fro on the rod and by its motion producing an unpleasant sensation on the head of the wearer.

Having thus described my invention, I claim—

1. As an improved article of manufacture,

the herein-described brush-carrier for hats, it consisting of a bar comprising two parts in sliding engagement and each furnished with a hat-engaging terminal and means, substantially as described, for adjusting one of said rods longitudinally of the other, substantially as described.

2. The combination, with the brush-carrying rod provided with means for removably fixing the same in a hat, of a brush grooved to receive said rod and furnished with a rod-engaging catch, substantially as described.

3. The combination, with the brush-carrying rod fixable in a hat immediately adjacent to the crown thereof, of a brush having in the back thereof the rod-receiving space and a spring-catch on the brush normally holding the brush in place on the rod contiguous to the hat-crown, substantially as set forth.

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Witnesses:

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