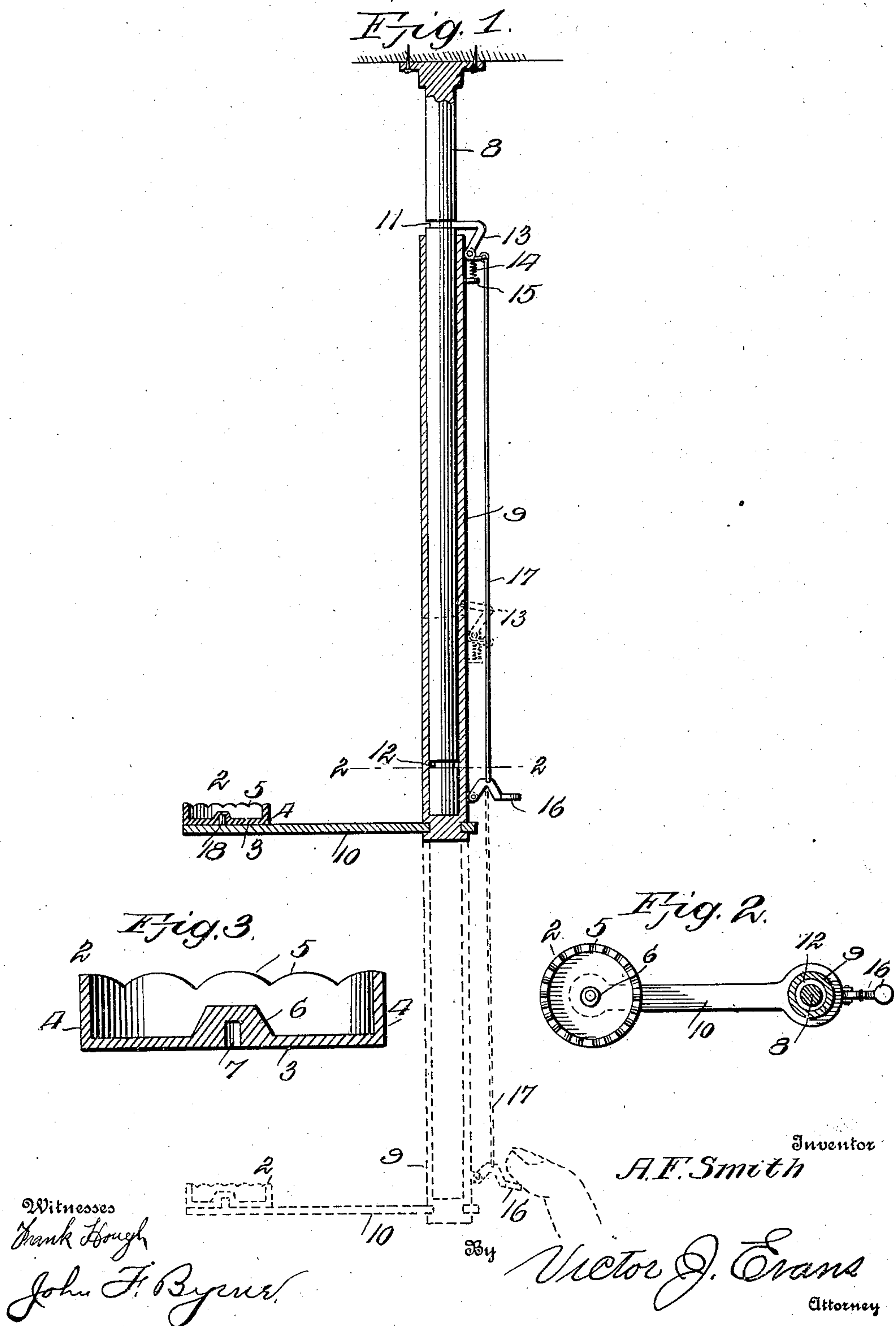


No. 842,717.

PATENTED JAN. 29, 1907.

A. F. SMITH.
RAZOR BLADE CLEANER.
APPLICATION FILED JULY 3, 1906.



UNITED STATES PATENT OFFICE.

ALANSON F. SMITH, OF BONAMI, LOUISIANA.

RAZOR-BLADE CLEANER.

No. 842,717.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed July 3, 1906. Serial No. 324,665.

To all whom it may concern:

Be it known that I, ALANSON F. SMITH, a citizen of the United States, residing at Bonami, in the parish of Calcasieu and State of Louisiana, have invented new and useful Improvements in Razor-Blade Cleaners, of which the following is a specification.

My invention relates to razor-blade cleaners; and one of its objects is to provide a novel and highly-useful device of this character by means of which the lather may be easily and quickly wiped from a razor-blade without injuring the cutting edge of the blade.

Another object of the invention is to provide a razor-blade cleaner which is constructed to permit it to be revolubly mounted upon a bracket, whereby to adapt the cleaner to be supported within convenient reach of a barber and to permit it to be turned to present a clean wiping-surface.

Another object is to provide a novel and highly-useful bracket which is adjustable to permit the cleaner to be supported at different elevations and which is provided with a revolubly-mounted arm, upon which the cleaner is mounted to permit the cleaner to be swung into and out of using position.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a vertical central section of a device constructed in accordance with my invention. Fig. 2 is a section on the line 2 2 of Fig. 1, and Fig. 3 is a central vertical section through the cleaner.

Referring to the drawings by reference-numerals, 2 designates a razor-blade cleaner which is made in the form of a shallow receptacle comprising a bottom 3 and a vertical flange 4, the upper edge of the flange being scalloped, as at 5, to provide a plurality of wiping-surfaces. When it is desired to remove the lather from a razor-blade, the blade is placed in engagement with and drawn over one of the wiping-surfaces 5. The flange 4 is constructed of some yielding material to prevent the cutting edge of the blade from being injured during the cleaning thereof. The bottom 3 of the receptacle is formed with a centrally-located and vertically-rising enlargement 6. A socket 7 extends through the bottom 3 and partially through the enlargement 6, said socket being provided for

the reception of a pivot-pin carried by a bracket, whereby to revolubly mount the cleaner, so as to permit a clean wiping-surface to be presented. The formation of the enlargement 6 permits the provision of a socket having its upper end closed, whereby to prevent the lather from escaping from the cleaner.

The bracket for supporting the cleaner comprises a rod 8, which is adapted to be secured to a ceiling, a sleeve 9, which is adjustably mounted upon the rod, and an arm 10, which is revolubly mounted upon the sleeve. The rod 8 is provided with annular recesses 11 12, which are situated, respectively, near the upper and lower ends of the rod. The sleeve 9 is provided at a point adjacent its upper end with a pivotally-mounted catch 13, adapted to engage in one of the recesses to sustain the sleeve in its adjusted position. A spring 14 is interposed between the catch 13 and a projection 15 upon the sleeve 9 and retains the catch in position for automatic engagement in one of the recesses. A lever 16 is pivotally mounted upon the sleeve 9 at a point adjacent its lower end, and a rod 17 is interposed between the catch 13 and said lever, whereby when the power end of the lever is depressed the catch is withdrawn from one of the recesses and the sleeve free to be adjusted upon the rod 8. The free end of the arm 10 is provided with a vertically-rising pivot-pin 18, which is adapted to be received by the socket 7 of the cleaner. As the sleeve 9 is adjustably mounted upon the rod 8, the cleaner may be supported at different elevations. As the arm 10 is revolubly mounted upon the sleeve 9, the cleaner may be swung into and out of cleaning position, and as the cleaner is revolubly mounted upon the arm 10 it may be turned to present a clean wiping-surface.

When it is desired to use the cleaner, the catch 13 is moved out of the recess 11 by depressing the lever 16, after which the sleeve 9 is moved down the rod 8 until the catch falls into the recess 12. By thus adjusting the sleeve the cleaner is supported at an elevation for use. After a person has occupied a barber's chair the arm 10 is swung to position the cleaner 2 above the person, in which position the cleaner is best adapted for use. When the person desired to leave the chair, the arm 10 is swung in the reverse direction, and when the cleaner is not desired for further use the sleeve 9 is moved up on the rod

8. In view of the manner in which the cleaner is mounted upon the arm 10 it may be readily and quickly removed for the purpose of cleaning.

5 From the foregoing description, taken in connection with the accompanying drawings, the construction and mode of operation of the invention should be understood without a further extended description.

10 Changes in the form, proportions, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

15 Having fully described and illustrated my invention, what I claim is—

1. The combination with an arm provided with a pivot-pin, of a cleaner provided with a central enlargement, and a socket passing

through the bottom of the cleaner and partially through said enlargement, said socket being adapted to receive the pivot-pin to revolvably mount the cleaner upon the arm. 20

2. A device of the character described comprising a rod provided with recesses, a sleeve adjustably mounted upon the rod, a catch carried by the sleeve and engaged in one of said recesses, a lever pivotally mounted upon the sleeve, a rod connecting the catch and lever, and a cleaner carried by the sleeve. 25 30

In testimony whereof I affix my signature in presence of two witnesses.

ALANSON F. SMITH.

Witnesses:

G. E. DAVISON,

C. J. COWLEY,