G. J. METZGER.

EAR AND FINGER NAIL CLEANER.

APPLICATION FILED APR. 9, 1914.

1,138,967. Patented May 11, 1915.

FIG. 1

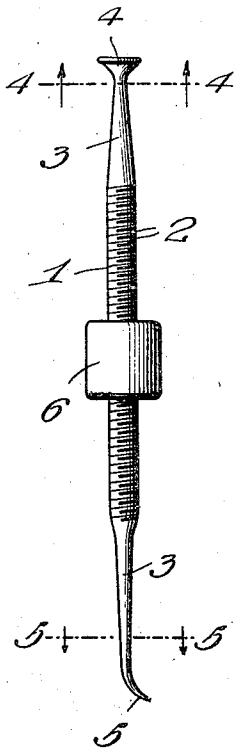


FIG. 3

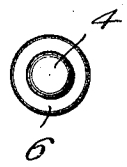


FIG. 4



FIG. 5

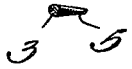
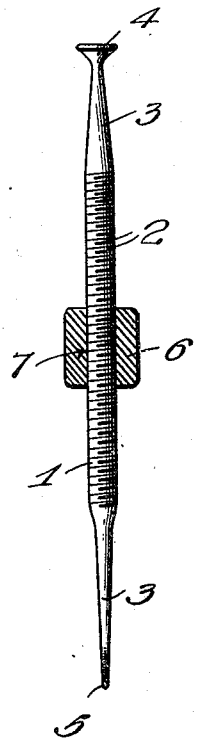


FIG. 2



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

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EAR AND FINGER-NAIL CLEANER.

1,138,967. Specification of Letters Patent. Patented May 11, 1915.

Application filed April 9, 1914. Serial No. 830,736.

To all whom it may concern:

Be it known that I, GEORGE J. METZGER, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Ear and Finger-Nail Cleaners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to toilet articles but more especially to that class of the latter which are adapted for both manicuring and ear cleaning purposes.

One object of the invention is to provide a device of this character having sanitary means for the extrication of extraneous matter from the ear as well as means adjustable thereon for limiting its insertion within the ear.

A further object is to provide a convenient manicuring means in addition to the ear cleaning feature of the invention.

A still further object is to provide a device of this character which is sanitary, easy to construct, efficient in operation and inexpensive to manufacture.

With these and other objects in view my invention consists of certain details of construction and arrangement and combination of parts which will be more particularly pointed out and claimed.

In the accompanying drawing in which like parts are designated by corresponding reference numbers:—Figure 1 is a front elevation of my combined ear cleaner and manicuring instrument. Fig. 2 is a side elevation thereof, with the stop in section to illustrate the manner of adjusting the same. Fig. 3 is a top plan view. Fig. 4 is a transverse horizontal section taken on line 4—4 of Fig. 1. Fig. 5 is a similar view, taken on line 5—5 of Fig. 1.

My invention in its present embodiment comprises a body or shank 1, which is preferably formed of metal, for sanitary reasons, the metal being more susceptible of thorough sterilization, but however, it will be understood that the same could readily be formed of any other suitable material. The body 1 intermediate its ends is threaded as at 2, while the extremities of said body are gradually tapered from the opposite ends of the thread 2 as at 3.

For the removal of wax or other extraneous matter from the ear, a head 4 is formed at one extremity of the shank 1 and has an annular flange extending in a plane at right angles to the plane of the axis of the shank 1, forming a thin circular scraping member, the edge of which is rounded as shown to prevent injury to the ear when inserted and by reason of its thin edge thoroughly scrape the interior thereof. Furthermore as the cross sectional area of the shank is gradually reduced at its junction with the head 4, it will act as a collector so that on the extraction of the head the wax collected will be drawn from the ear and held in the space formed by said reduced neck as will be readily understood. The other extremity of the body 1, which as will be noted has the longest and more gradual taper is pointed, and the pointed portion thereof is dulled and extended at an angle to the body 1, to provide a prong 5, which can be conveniently inserted beneath the nail to clean the same.

As it would be an extremely dangerous expedient to insert an instrument of this kind into the ear without providing some means for limiting the depth of its insertion, owing to the delicate nature of the ear drum and the ease with which it can be injured I provide a cylindrical head or stop 6, having a longitudinally extending bore 7, the walls of which are threaded for engagement with the threads on the body 1. This arrangement permits the adjustment of said stop to and from the head 4, whereby the distance the latter is to be inserted within the ear can be readily ascertained, and the danger and disadvantage hereinbefore referred to eliminated. As further precaution I have rounded the corners of the stop 6 so that it cannot in any way injure the delicate walls of the ear upon insertion of the head as hereinbefore mentioned.

From the foregoing it will be seen that I have provided a combined toilet article, which is inexpensive and sanitary as well as one which is not detrimental from a physical standpoint.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the prin-

ciple or sacrificing any of the advantages of the invention as claimed.

What I claim as new is:—

An ear pick comprising a rectilinear cylindrical stem having one end reduced and provided with a circular head, the portion of said stem from its reduced end to its other end being externally threaded, and a stop nut threaded on said stem, and adapted to be adjusted upon the threads adjacent the head, whereby the other threads are exposed to constitute means for preventing the fingers of a user from slipping upon said stem.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORGE J. METZGER.

Witnesses:

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MARY E. MCINHAE.