

No. 659,420.

Patented Oct. 9, 1900.

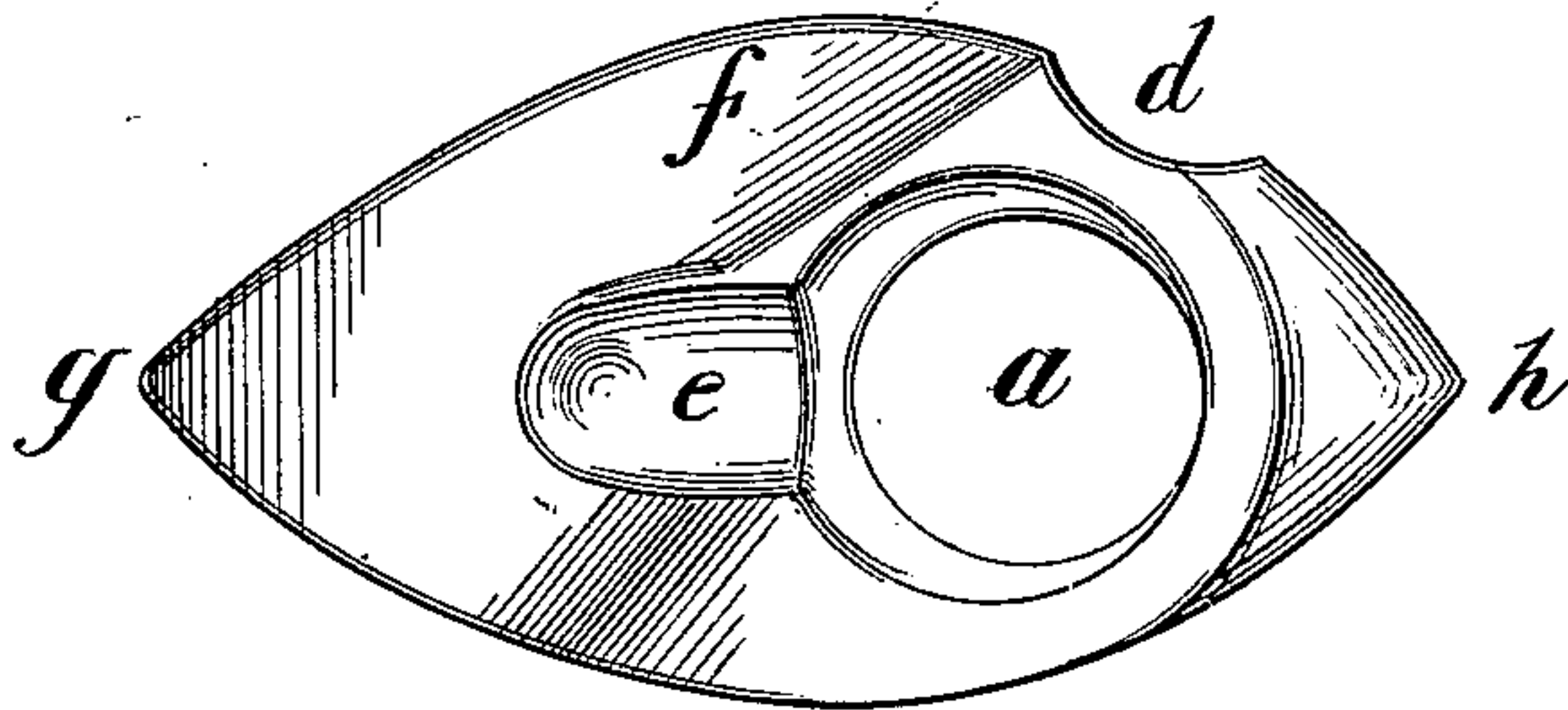
F. A. REICHARDT.

HAND STONE.

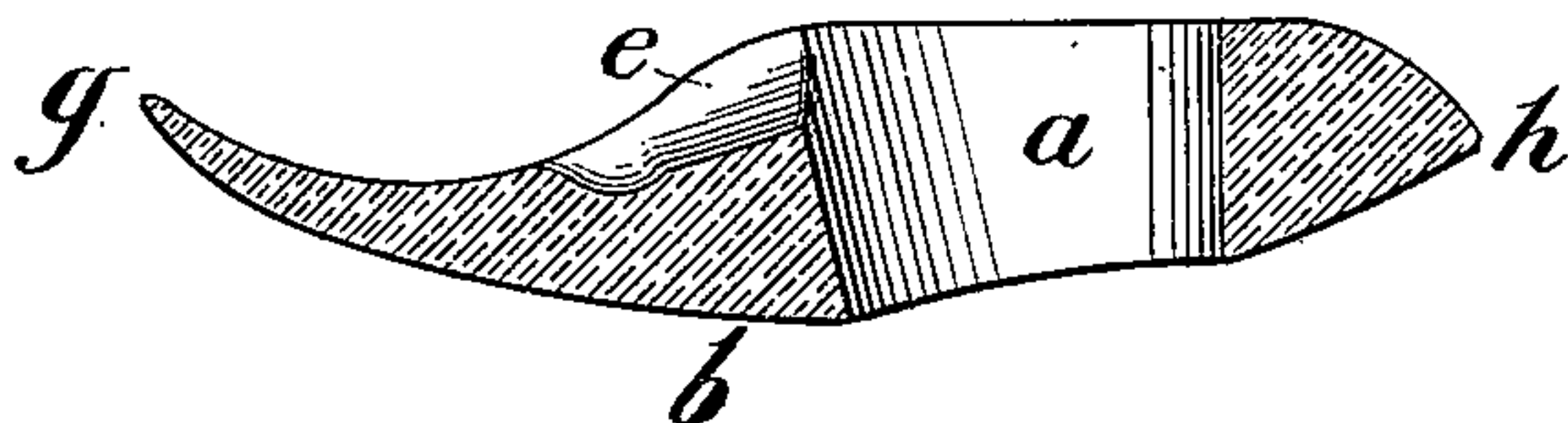
(Application filed Jan. 12, 1900.)

(No Model.)

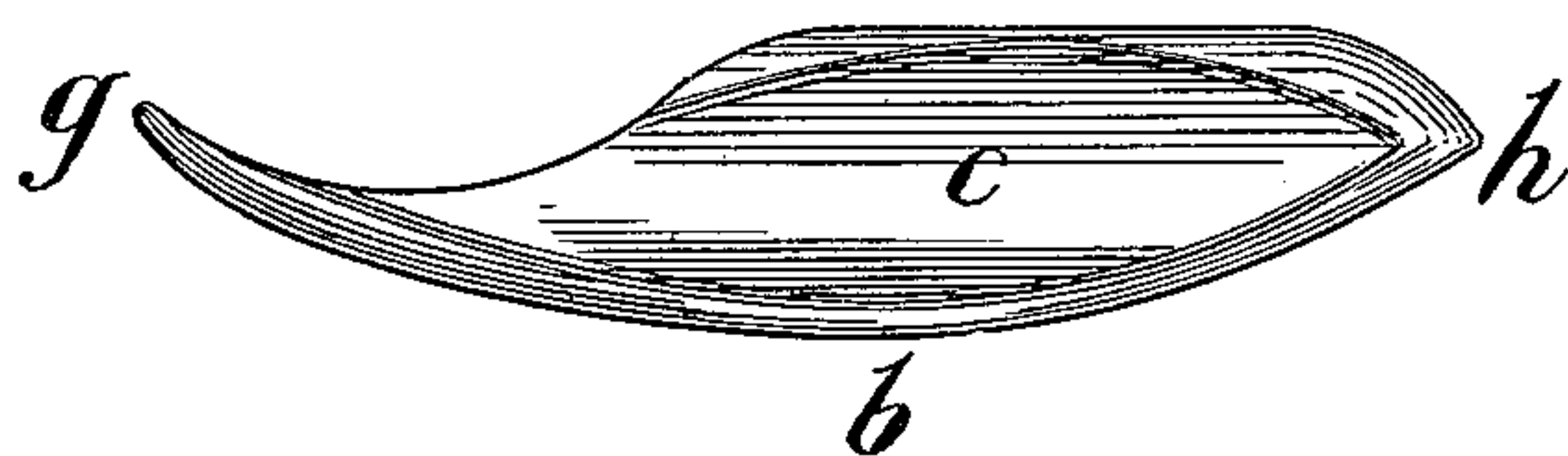
*Fig. 1,*



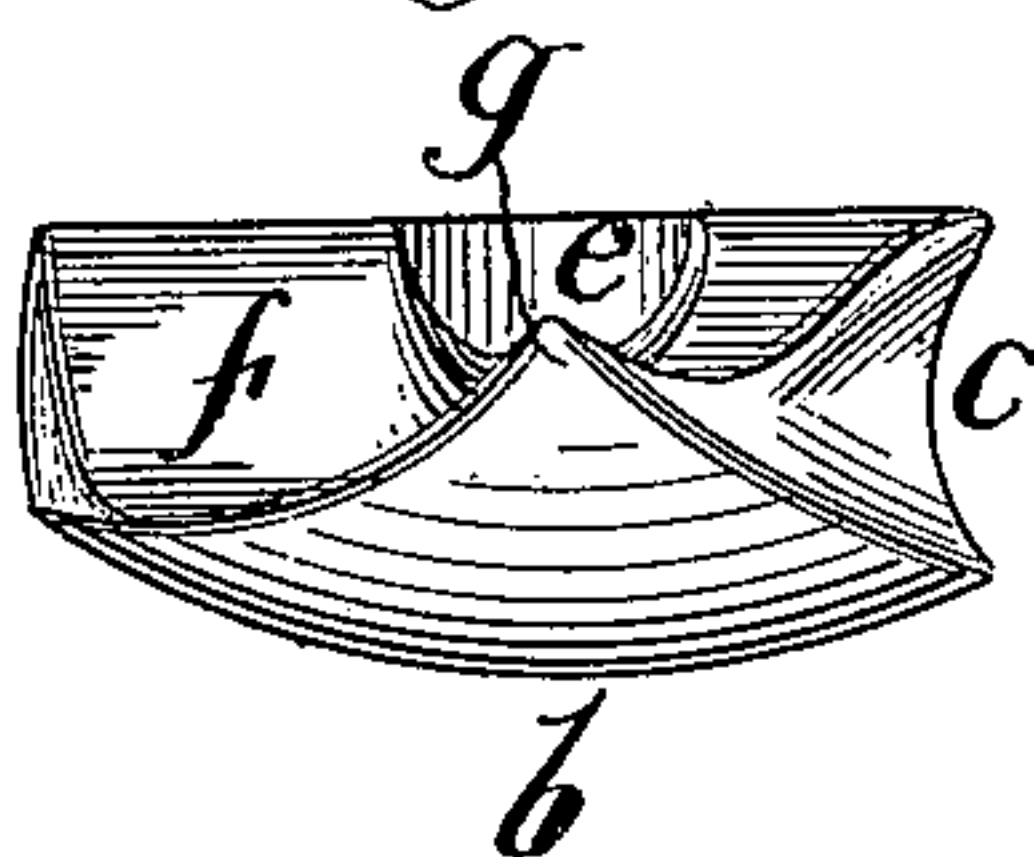
*Fig. 2,*



*Fig. 3,*



*Fig. 4,*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FERDINAND ALFRED REICHARDT, OF ELIZABETH, NEW JERSEY.

## HAND-STONE.

SPECIFICATION forming part of Letters Patent No. 659,420, dated October 9, 1900.

Application filed January 12, 1900. Serial No. 1,175. (No model.)

*To all whom it may concern:*

Be it known that I, FERDINAND ALFRED REICHARDT, a citizen of the United States, and a resident of Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Hand-Stones, of which the following is a specification.

The object of this invention is to produce a toilet article especially adapted for smoothing down rough parts of the skin and the removal of stains from the skin, and as its main use is to keep the hands in a soft and good condition it may suitably be designated a "hand-stone."

The invention consists of a toilet article or hand-stone formed of an abrasive material and having such a configuration as to provide rubbing-surfaces adapted to be readily applied to and caused to act upon any and all parts of the hands and other portions of the skin of the body. The shape of the article is such that it may be formed of any natural stone or material having the requisite abrasive property; but it is preferred to make it of an abrasive material, such as corundum, combined with a suitable cementing or binding material molded into the finished form, substantially as in the manufacture of emery-wheels, the configuration of the article being such as to be easily produced by such method of manufacture. The article so made may by selection of the abrasive material have any desired degree of abrading action and may be thoroughly sterilized by simply heating it and may be aseptic by reason of being non-absorbent, thus insuring a perfectly-clean article always ready for use without danger from disease-germs.

The form of my new hand-stone is substantially shown in the accompanying drawings, in which—

Figure 1 is a plan view showing one of the main faces of the article. Fig. 2 is a longitudinal section of the same. Fig. 3 is a side elevation, and Fig. 4 is an end elevation, of the article as shown in the other views looking toward the right.

The article is, as shown, of such form as to be firmly grasped by the hand whatever portion of it is being used as an abraser or rub-

bing-surface. It has as one of its features a hole *a* formed through it to afford a suitable and convenient abrasive surface for the fingers or thumbs over which it may be placed. The hole also provides for a secure and firm holding of the device when other parts of the surface of the article are being used. The large curvilinear surface *b* shown at the under side is adapted for use on the palms of the hands and other substantially-flat surfaces of the skin, and the grooves, as the longitudinal side groove *c*, the vertical groove *d*, the central groove *e*, and the side curved surface or groove *f*, are adapted by their various sizes for use in rubbing the various parts of the fingers, &c. The pointed ends *g* and *h* are provided for the abrasion of the creases in the skin and for rubbing down the skin around the nails.

An abrading toilet article or hand-stone having the various grooves and form substantially as shown is adapted for use as a universal skin remover or polisher, and by being formed of an abrasive material and a suitable non-absorbent cement or binding compound, as previously suggested, its shape being such that it may readily be molded, it will be perfectly aseptic and perfectly safe to use and may at any time be thoroughly sterilized by simply placing it in hot water or otherwise heating it.

It is evident that the location, formation, and number of the grooves and other abrading-surfaces of the device may be varied, as my invention contemplates any such variations in the form of the article as would be similar to and provide useful specially-formed abrasive surface as the device shown in the accompanying drawings.

I claim as my invention—

1. A hand-stone, the surface of which has abrading properties adapted to smooth or remove skin, having a series of grooves of various sizes formed in its surface.

2. A hand-stone, the surface of which has abrading properties adapted to smooth or remove skin, having grooves formed in its surface for action upon rounded parts of the body, and having a hole formed through it for action on the skin of the fingers, &c.

3. A hand-stone, the surface of which has



abrading properties adapted to smooth or re-  
move skin, having a hole formed through  
it for action on the skin of the fingers, &c.,  
having grooves formed in its surface for ac-  
5 tion upon rounded parts of the body, and  
having pointed ends for action on the creases  
in the skin.

Signed at New York, in the county of New  
York and State of New York, this 10th day  
of January, A. D. 1900.

FERDINAND ALFRED REICHARDT.

Witnesses:

A. E. ELWIN,

JOSHUA M. SMITH.