No. 640,412. Patented Jan. 2, 1900.

H. PETERSEN.

HEAD SCREEN.

(Application filed June 2, 1899.)

(No Model.)

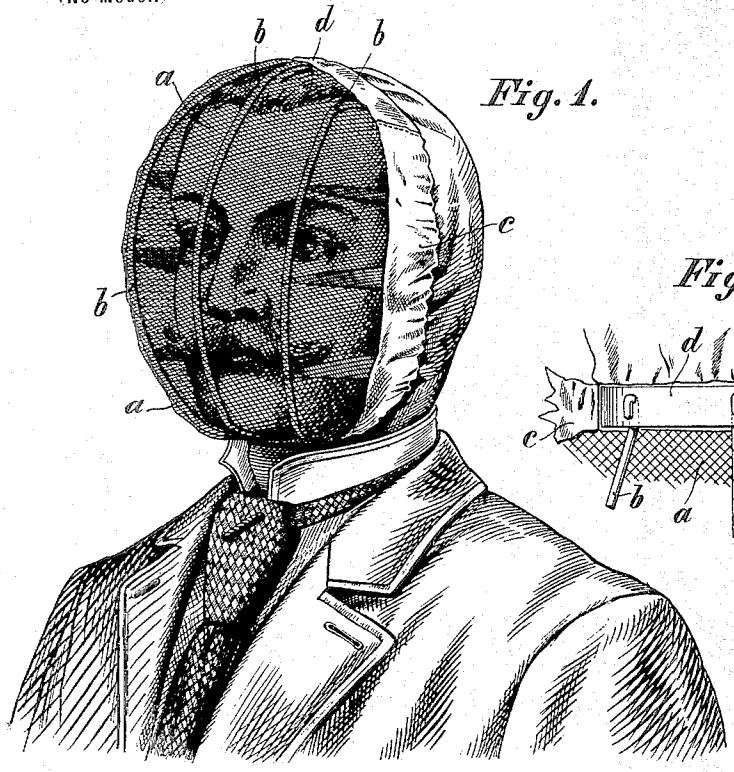


Fig. 1.

Fig. 4.

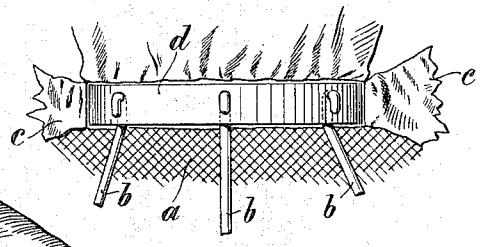


Fig. 2.

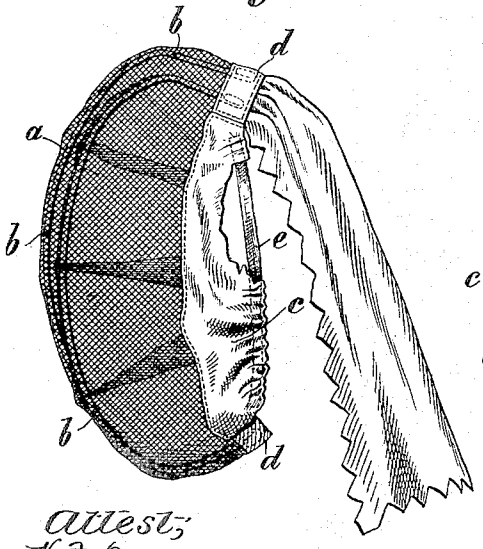
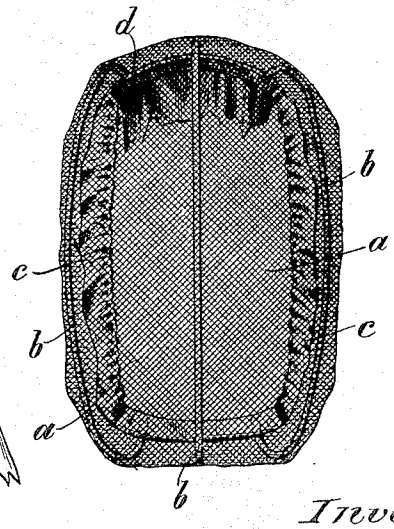


Fig. 3.



Attest;
H. F. Dunbar
S. B. Kuhn

Inventor:
Heinrich Petersen,
by Joseph L. Levy
atty

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HEINRICH PETERSEN, OF OBERJERSDAL, GERMANY.

HEAD-SCREEN.

SPECIFICATION forming part of Letters Patent No. 640,412, dated January 2, 1900.

Application filed June 2, 1899. Serial No. 719,133. (No model.)

To all whom it may concern:

Be it known that I, HEINRICH PETERSEN, a subject of the King of Prussia, Emperor of Germany, residing at Oberjersdal, in the Kingdom of Prussia and German Empire, have invented certain new and useful Improvements in Masks for Protecting the Face and Head from Insects and the Like, of which the following is a specification.

My invention relates to improvements in masks for protecting the face and head against insects; and the object of my improvement is to construct a mask, first, of light weight; secondly, so as to be held of itself on the head of the user, and, thirdly, to enable the easy putting on or taking off of the same, for which purpose it is so made that no cord, band, or buckle is necessary, as in the masks hitherto constructed.

In the accompanying drawings, illustrating my invention, Figure 1 is a general view of the mask in use; Fig. 2, a side elevation of the mask alone; Fig. 3, a view of the interior of the mask; and Fig. 4 an elevation of the lower part of the mask, showing the bows attached to the lower band thereof.

Similar letters refer to similar parts throughout the several views.

As will be seen from the drawings, the gauze *a* is carried and stretched by three bows *b*, which are preferably made of wire covered by thread or the like and the ends of which are secured by elastic bands *d* of metal or other material possessing sufficient rigidity. To these bands *d* and the edge of the entire gauze a light fabric *c* is attached, and a cord *e* of rubber or other suitable material is drawn through this fabric between the bands *d*. Whereas the wire bows *b* have the tendency to keep the mask in shape, the cord *e*, drawn through the fabric *c* at the sides, pulls the bands together. When the mask is put on, this mutual action of the parts will cause it to sit easily on the head, and the putting on or removal of the mask is effected by simply pulling it over or off from the head.

What I claim, and desire to secure by Letters Patent of the United States, is—

As a new article of manufacture a mask for the face and head comprising a piece of gauze to overlie the face, bows extending along the gauze, bands *d* secured to said bows, fabric secured to the bands and also to the gauze, and elastics secured to the fabric between the bands *d*, substantially as described.

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

HEINRICH PETERSEN.

Witnesses:
GUSTAV WEBER,
E. H. L. MUMMENHOFF.