G. GUISE.

TONGUE SHIELD.

APPLICATION FILED FEB. 25, 1920.

1,365,684. **Patented Jan. 18, 1921.**



Fig. 1.

Fig. 2.

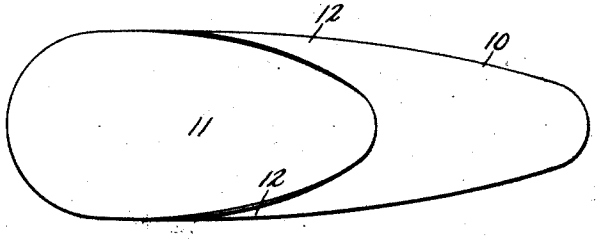
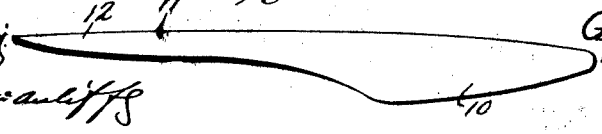


Fig. 3.



WITNESSES

Frank J. Fenjiani

L. L. McAuliffe

INVENTOR

GAITLEY GUISE,

BY Munn & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

GAITLEY GUISE, OF RILEY, INDIANA.

TONGUE-SHIELD.

1,365,684. Specification of Letters Patent. Patented Jan. 18, 1921.

Application filed February 25, 1920. Serial No. 361,245.

To all whom it may concern:

Be it known that I, GAITLEY GUISE, a citizen of the United States, and a resident of Riley, in the county of Vigo and State of Indiana, have invented a new and Improved Tongue-Shield, of which the following is a description.

The general object of my invention is to provide a shield adapted to be slipped onto the tongue with the purpose of preventing the unpleasantness accompanying the taking of medicine.

The invention resides in the novel shield hereinafter particularly described and defined in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, it being understood that the drawings are merely illustrative of one example of the invention.

Figure 1 is a longitudinal vertical section of the tongue shield embodying my invention, showing the same in use, a human head being indicated partly broken away and in section;

Fig. 2 is an inverted plan view of the shield;

Fig. 3 is a side elevation thereof.

In carrying out my invention in practice in accordance with the illustrated example, the shield is made from thin sheet rubber to be liquid-proof and at the front portion 10 it is given a more or less flat tubular formation to receive and accommodate the major portion of the front end of the tongue. At the top the shield is continued rearwardly beyond the front tubular portion in the form of an apron 11 presenting side members 12, said front and side members merging into the top and sides of the front portion 10, and said sides vanishing rearwardly into the top of the apron. Thus, at the under side the shield presents an opening for the entrance of the tongue, the front of the opening being convergent on rounding lines and the interior of the shield being such as to conform substantially to the tongue so as to snugly fit the latter without discomfort.

The area presented by the shield at the top including the apron 11 is such as to cover the area of the tongue controlling gustation including those papilla involving what is called the taste-buds, the apron 11 terminating at its rear end short of the epiglottis. Therefore, when the shield is applied to the tongue and medicine taken, the medicine will flow over the shield and pass into the throat without affecting the sense of taste so that all unpleasantness of taking the medicine is obviated.

I would state in conclusion that while the illustrated example constitutes a practical embodiment of my invention, I do not limit myself strictly to the exact details herein illustrated since manifestly the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described my invention, I claim:

1. A tongue shield for use in taking medicine, consisting of a shield of liquid-proof material, said shield at the front portion being tubular to accommodate the front portion of the tongue, said tubular portion being open at the rear for the entrance of the tongue, and the top of the shield being continued rearwardly beyond said tubular portion, said top presenting an area to cover and shield the gustatory area of the tongue.

2. A tongue shield for use in taking medicine, said shield being formed of liquid-proof material and including a tapering tubular front portion to accommodate the front portion of the tongue, and presenting an apron extending at the top of the shield rearwardly from said tubular portion, said apron having depending members at the sides vanishing into the top of the apron at the rear of the latter and merging forwardly into said tubular portion, said shield presenting an area at the top to cover the gustatory area of the tongue.

GAITLEY GUISE.