

(No Model.)

I. ROESCHER.

EYE AND TONGUE SUPPORT FOR ARTIFICIAL HEADS AND MASKS.
No. 569,475.

Patented Oct. 13, 1896.

Fig. 1.

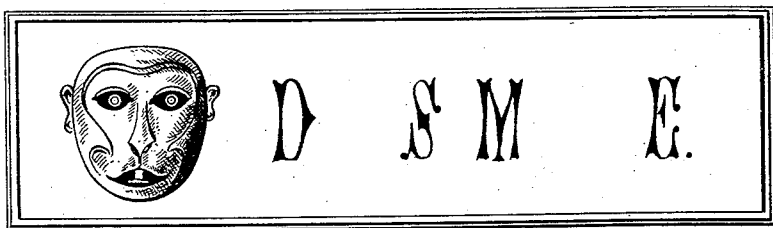


Fig. 2.

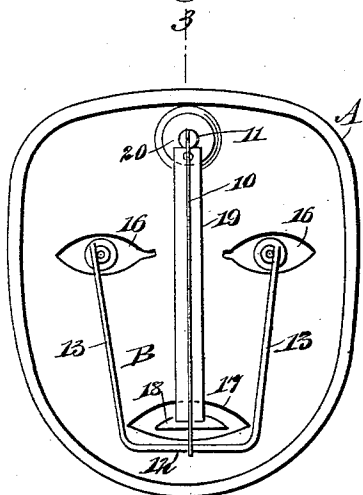


Fig. 3.

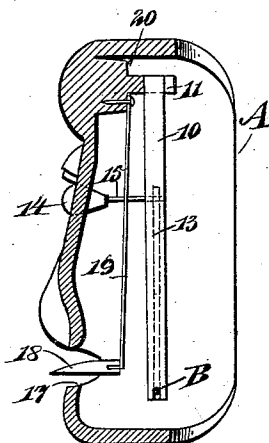


Fig. 4.

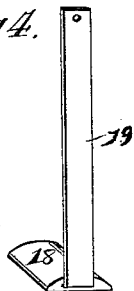


Fig. 6.

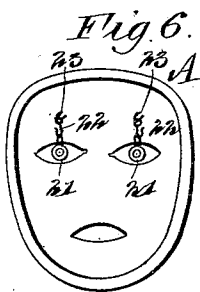
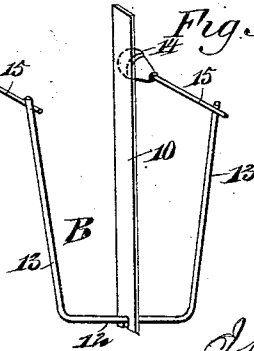


Fig. 5.



WITNESSES:
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EYE AND TONGUE SUPPORT FOR ARTIFICIAL HEADS AND MASKS.

SPECIFICATION forming part of Letters Patent No. 569,475, dated October 13, 1896.

Application filed June 13, 1896. Serial No. 595,384. (No model.)

To all whom it may concern:

Be it known that I, ISIDOR ROESCHER, of New York city, in the county and State of New York, have invented a new and useful Improvement in Eye and Tongue Supports for Artificial Heads and Masks, of which the following is a full, clear, and exact description.

The object of my invention is to provide vibratory supports for artificial eyes and artificial tongues for dolls' heads or any form of artificial heads or masks, the supports being entirely concealed and so attached to the head or mask that at the least movement of the latter the supports will be given vibratory movement and impart such movement to the eyes and the tongue, which appear at suitable openings in the aforesaid head or mask.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of a sign, having a mask provided with my improvement applied thereto. Fig. 2 is a rear view of a mask to which the improvement is applied. Fig. 3 is a vertical section on the line 3 3 of Fig. 2. Fig. 4 is a detail perspective view of the tongue and its support removed from the mask. Fig. 5 is a perspective view of the artificial eyes and the support therefor removed from the mask; and Fig. 6 is a rear elevation of a mask, illustrating another manner by which the eyes may be supported and permitted to vibrate.

In carrying out the invention the head or mask A may be of any desired character, and in the upper inner portions of the aforesaid mask, preferably at the center, a rearwardly-extending post 11 is firmly secured, to which one end of a spring 10 is attached, the spring extending downward within the mask free from all obstructions.

A yoke B is located at the bottom portion of the pendent spring 10, the spring at its lower end being secured to the lower portion of the horizontal or bottom member 12 of the yoke, and the side members 13 of the yoke B

extend upward with preferably a slight outward inclination to a point back of the eye-openings 16 in the head or mask. The yoke B is also free from all obstructions, and the artificial eyes 14 are attached to the upper ends of the side members of the yoke through the medium of pins or rods 15, horizontally located. The artificial eyes are normally in the center of the eye-openings 16, and the openings are of such dimensions that the eyes may vibrate therein without necessarily engaging with the edges of the openings.

The mask or head is also shown with a mouth-opening 17, through which the tongue 18 projects, the tongue being held free from engagement with the walls of the mouth-opening and is attached at its back to the lower end of a spring 19, which is carried upward within the mask or head in front of the supporting-spring 10 of the eyes, and preferably, although not necessarily, these two springs are placed at angles to one another, a side face of the tongue-spring facing the front of the mask, while the edge of the eye-spring faces in the same direction.

The tongue-spring is entirely independent of the eye-supporting spring, and the tongue-spring is usually secured at its upper end to a fixed bearing 20, from which the post 11 of the tongue-spring may extend; but any approved means of support may be provided for the two springs 10 and 19, provided one does not interfere with the action of the other.

I desire it to be understood that the tongue and its spring may be omitted and the eyes and their spring only used in connection with the mask, or the tongue and its spring only may be employed and the vibratory eyes be dispensed with. In Fig. 6 I have illustrated a mask in which the eyes 21 are suspended within the eye-openings by means of chains 22, attached to and being pendent from staples 23, or their equivalents, secured to the inner face of the mask above the aforesaid eye-openings.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a mask or artificial head, a spring secured at one of its ends in the said mask or head, being free to vibrate throughout the remaining portion of its length, a yoke car-

ried by the said spring, also free to vibrate, and artificial eyes secured to the said yoke, the eyes being loosely contained in the eye-openings of the mask or head, whereby the eyes will follow the vibratory movement of the spring and yoke supporting them, as and for the purpose specified.

2. In a mask or head having eye-openings, artificial eyes located at the eye-openings, being free to move therein, and a pendulum-support for the said eyes, the said support being located upon the inner surface of the aforesaid mask or head, as and for the purpose specified.

3. In an artificial head or mask having eye-openings and a projection upon its inner side at its forehead portion, a yoke, eyes attached to the said yoke, the said eyes appearing at the eye-openings, and a spring attached to the center of the yoke and at its upper end to the projection in the head or mask, the yoke, the eyes and spring being free from all contact with any portion of the mask except the aforesaid projection, as and for the purpose specified.

4. The combination, with a mask or artificial head having eye-openings therein and a mouth-opening, together with a stepped projection formed upon its inner face near the center of the forehead, of a spring attached to the inner or reduced portion of the said projection and extending downward therefrom, a yoke attached to the lower end of the said spring, the side members of the yoke extending up to the aforesaid eye-openings, each side member having attached thereto an artificial eye, the spring below its support, together with the yoke and artificial eyes being free to vibrate, and a tongue loosely contained in the mouth-opening and attached at its inner end to the vibratory spring, which spring at its upper end is secured to the forward or enlarged portion of the aforesaid stepped projection in the head or mask, one spring being back of the other, as set forth.

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Witnesses:

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