

(No Model.)

W. H. MATTSON.
BATHER'S APPLIANCE.

No. 486,348.

Patented Nov. 15, 1892.

FIG. 1.

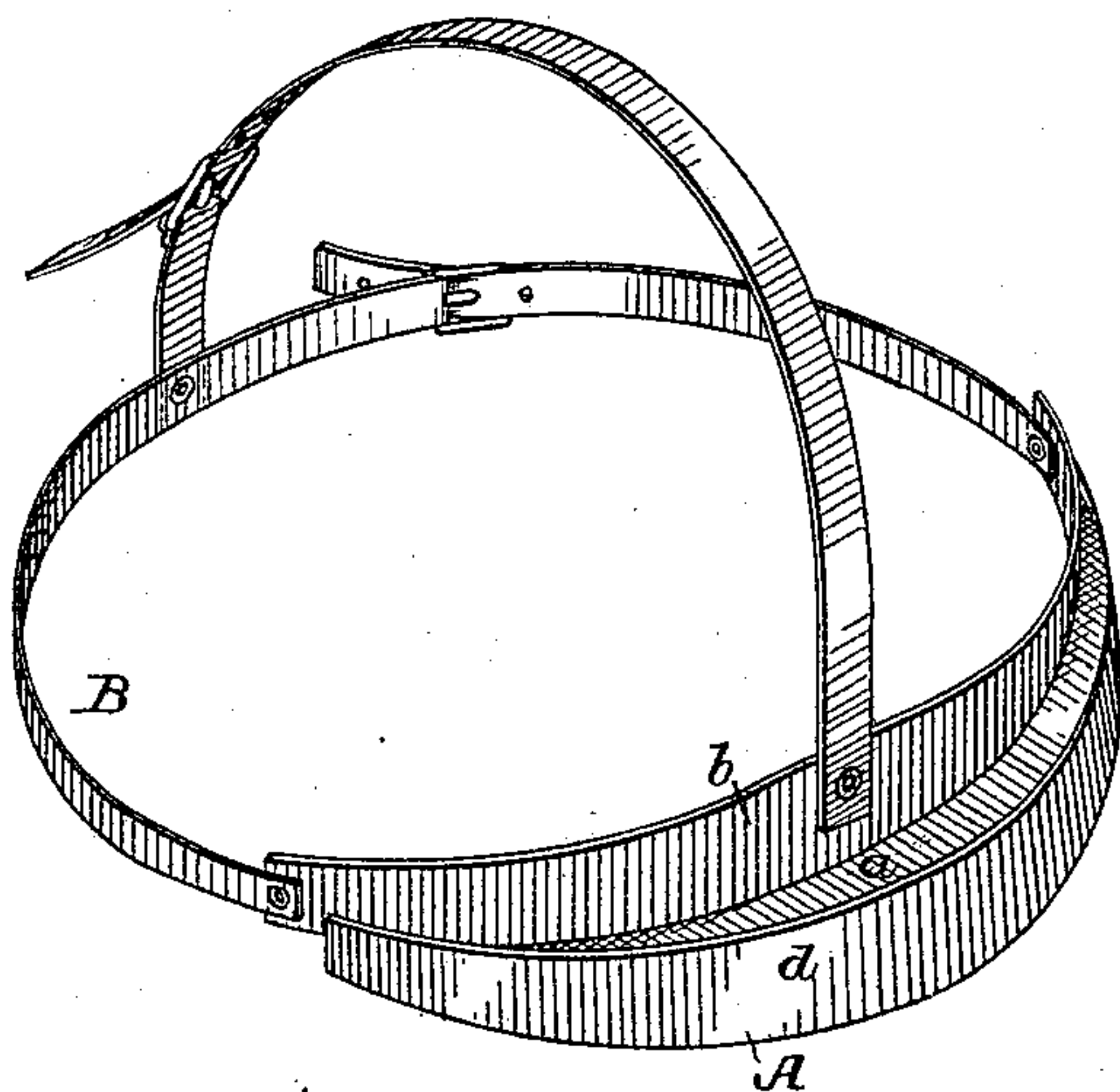


FIG. 5.

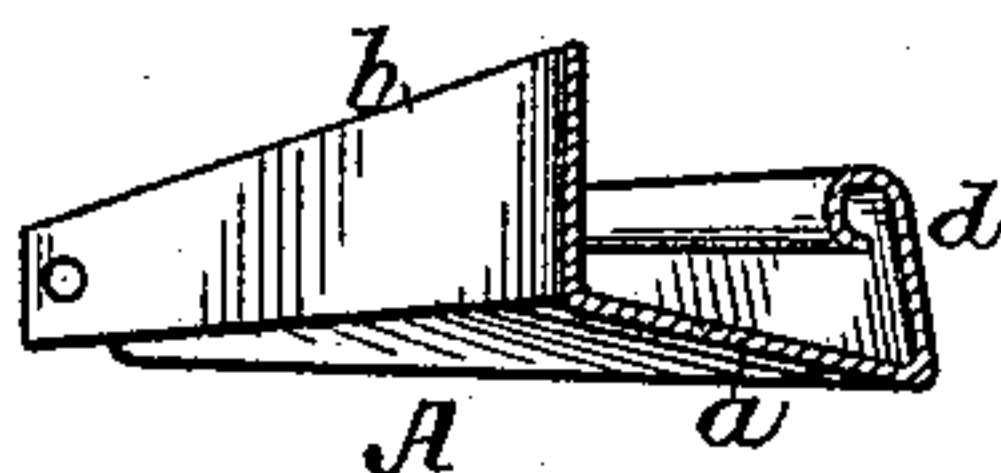


FIG. 2.

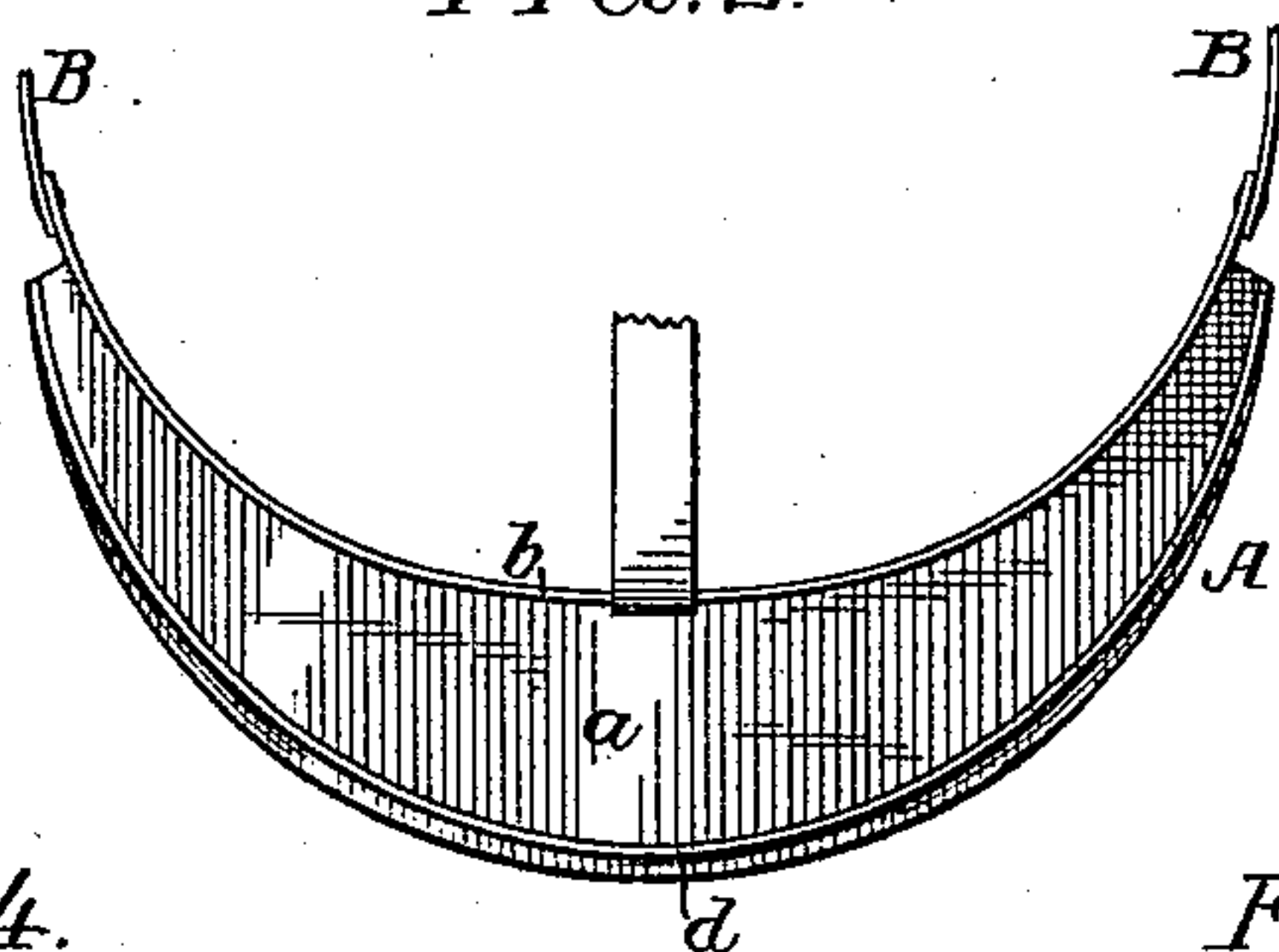


FIG. 4.

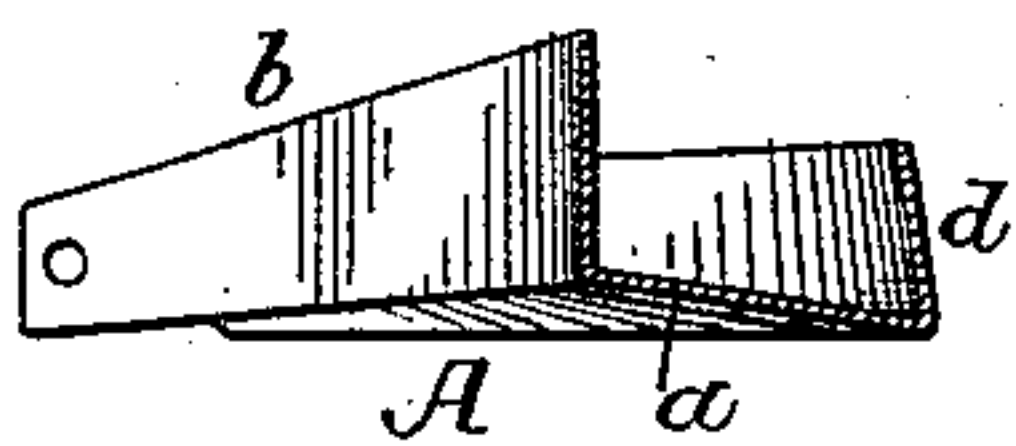


FIG. 3.

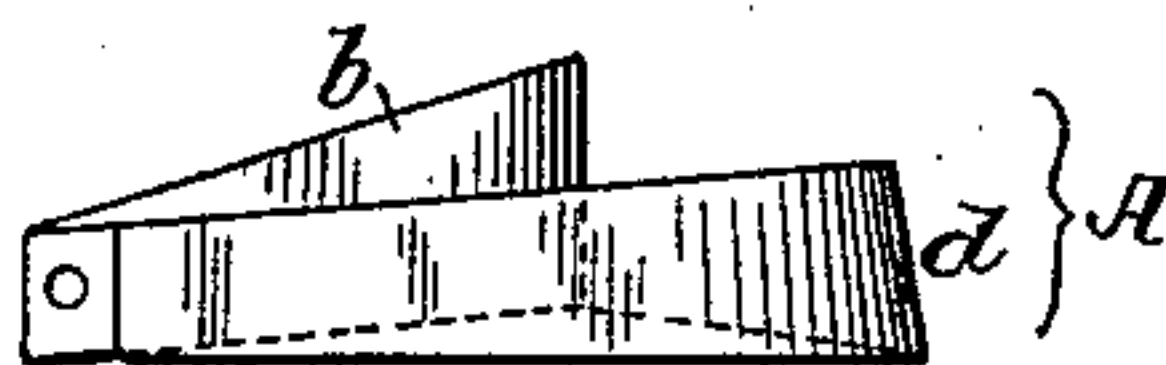


FIG. 6.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM HARRY MATTSON, OF PHILADELPHIA, PENNSYLVANIA.

BATHER'S APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 486,348, dated November 15, 1892.

Application filed June 22, 1892. Serial No. 437,634. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HARRY MATTSON, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Bathers' Appliances, of which the following is a specification.

The object of my invention is to provide bathers with a shield for the eyes which will not only protect them from the rays of the sun, but also from water dripping from the head. This object I attain in the following manner, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved eye-shield. Fig. 2 is a plan view. Fig. 3 is a side view. Fig. 4 is a sectional view. Fig. 5 is a view of a modification, and Fig. 6 is a view showing my invention applied to a lady's bathing-cap.

It will be understood that my invention can be applied to caps and hats used in rainy weather by sea-faring men and others, although my invention is mainly intended for the use of surf-bathers.

A is the shield, made of suitable light material—such as papier-maché—preferably oiled or varnished to make it waterproof, or celluloid, indurated fiber, or rubber.

a is the shield, projecting from the head of the wearer at an incline and inclined on each side, so that the water will flow from the center to the sides.

b is the back flange, resting against the forehead of the wearer, and of sufficient height to form a proper channel for the water.

d is the front flange, preferably inclined toward the head and extending to each side, as clearly shown in the drawings, a small space being left at the sides between the front and back flanges for the escape of water. This flange prevents the water from passing down over the shield and directs it to each side of the head. Thus the eyes are not only

protected from the rays of the sun, but are also protected from the water, the dripping of which is very annoying to a bather.

The shield is preferably attached to a band B of elastic or other material, which passes around the head, and to a band which passes over the head. Buckles or other fastenings may be used, as shown. Thus the shield can be readily secured in position upon the head.

In Fig. 5 I have shown the front flange curved in at the top to prevent water splashing over the flange, and in Fig. 6 I have shown the shield applied to an ordinary bathing-cap, principally used by ladies for protecting the hair.

In attaching my improved shield to a cap or hat it simply takes the place of the ordinary projecting brim.

I claim as my invention—

1. A shield for the eyes, consisting of a projecting portion a, inclined toward each side, and having an outer flange d for directing water to the sides of the head, substantially as described.

2. The combination, in a shield, of the projecting portion a, the inner flange b, adapted to rest against the head, and the outer flange d, projecting above the base of the shield and forming a trough for the water, substantially as described.

3. The combination of the shield having an outer flange for directing the water from the face of the wearer and an inner flange adapted to rest against the head, with a cap to which the inner flange of the shield is secured, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM HARRY MATTSON.

Witnesses:

WILLIAM D. CONNER,
HENRY HOWSON.