

(No Model.)

C. BEARD & C. E. BALDWIN.
EAR PROTECTOR.

No. 280,005.

Patented June 26, 1883.

Fig. 1.

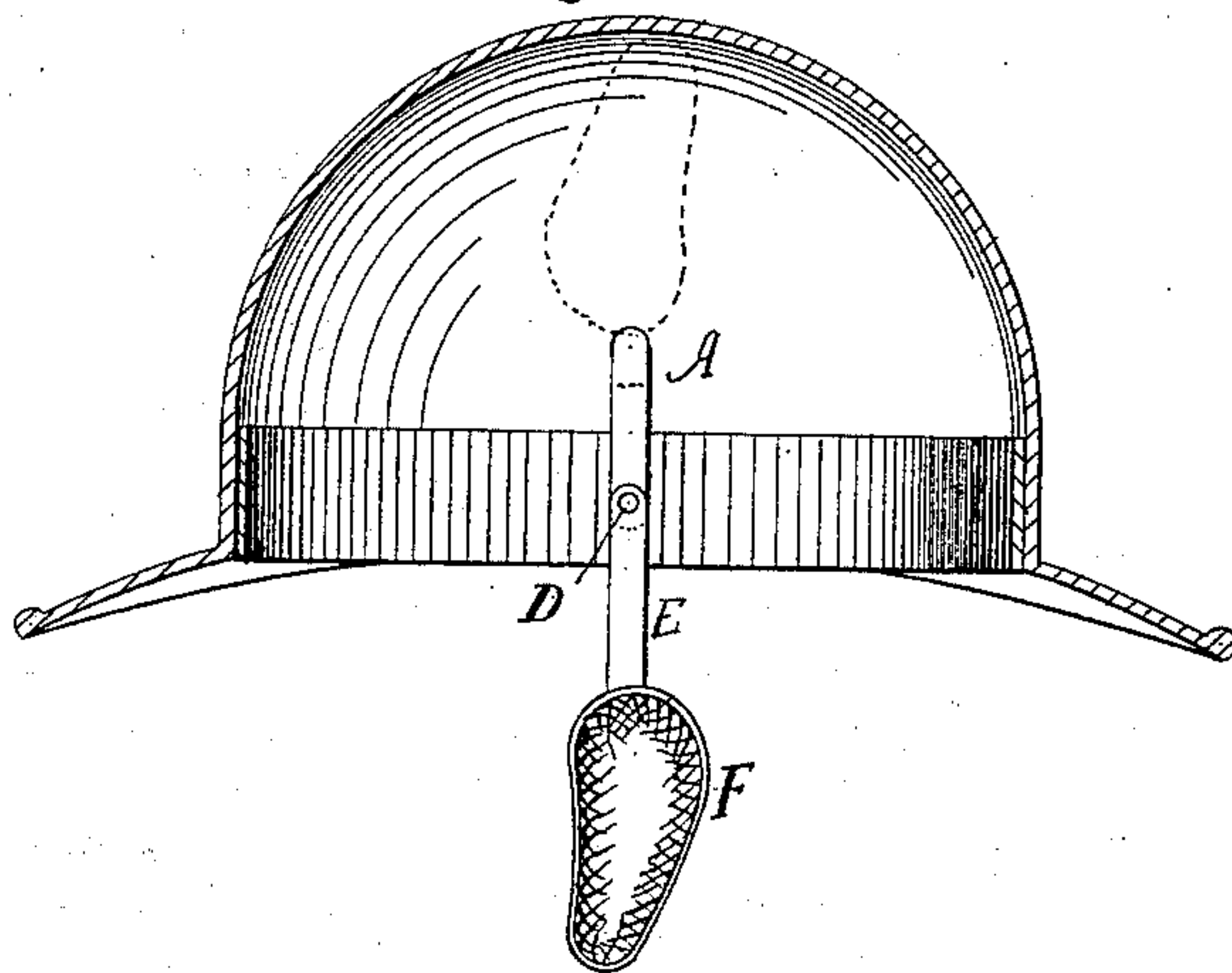


Fig. 3.

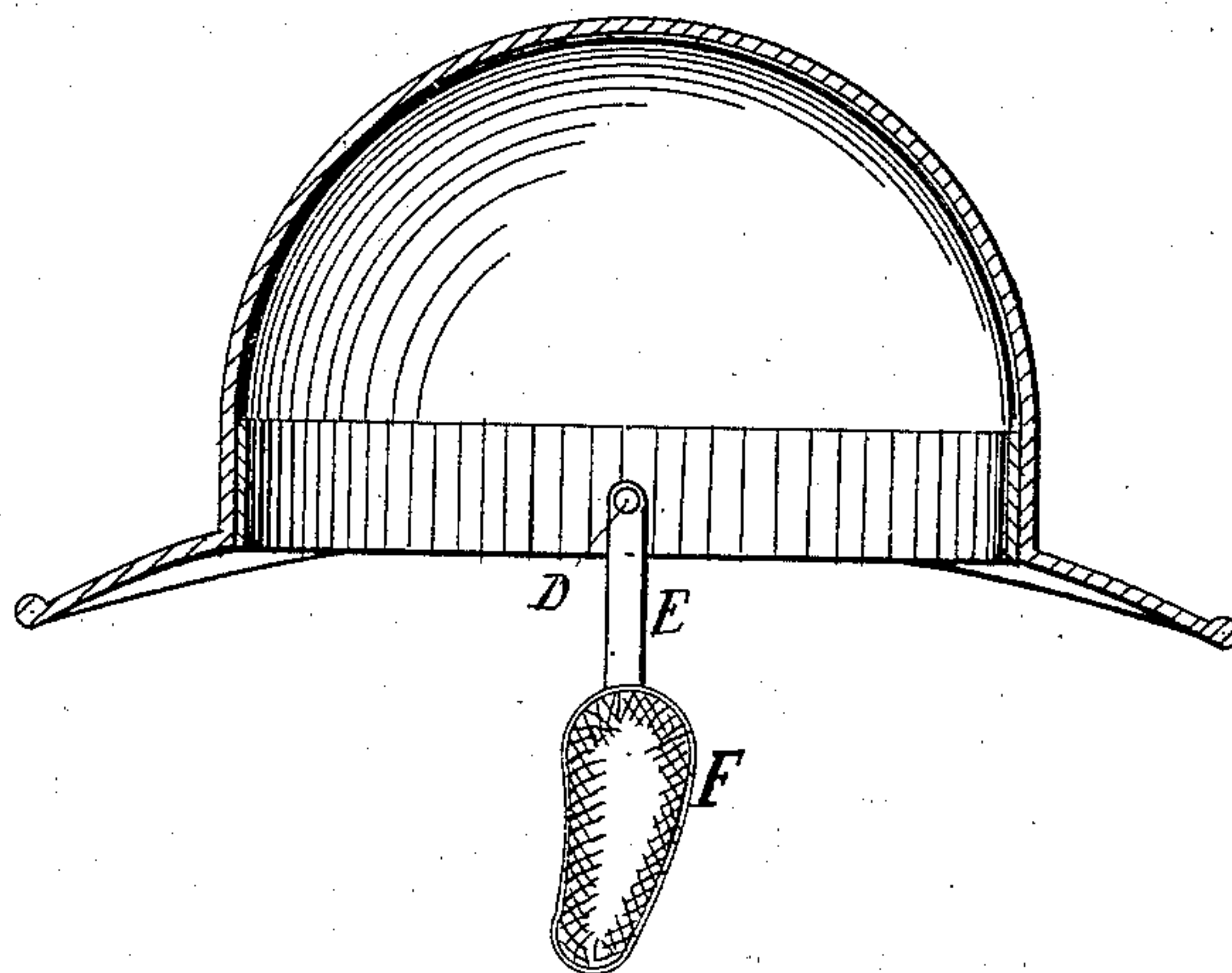
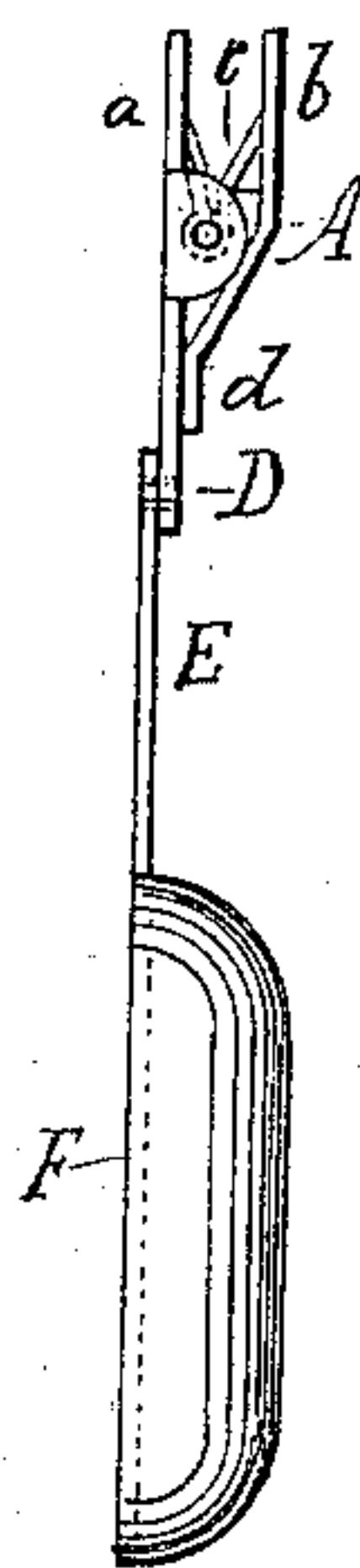


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CORNELIUS BEARD AND CHARLES E. BALDWIN, OF NEW YORK, N. Y.,
ASSIGNORS TO ISAAC B. KLEINERT, OF SAME PLACE.

EAR-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 280,005, dated June 26, 1883.

Application filed May 9, 1883. (No model.)

To all whom it may concern:

Be it known that we, CORNELIUS BEARD and CHARLES E. BALDWIN, citizens of the United States of America, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Ear-Protectors, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to an improvement in ear-protectors; and it consists in the peculiar construction, arrangement, and combination of parts hereinafter more fully described and claimed.

15 In the accompanying drawings, Figure 1 represents a vertical section of a hat with one of our protectors in position for use; Fig. 2, a side view of the protector detached, and Fig. 3 a similar view to Fig. 1 with a modified form of protector.

20 A represents a spring-clamp, which may be made of any convenient form, but preferably of two parts, *a b*, pivoted together, and provided with a spring, *c*, to keep the jaws *d* closed. Attached to the clamp by a loose rivet or eyelet, at D, is a strip of thin sheet metal, E, on the lower end of which is soldered or otherwise secured a wire, F, preferably of the outside contour of the human ear, to which wire is secured a covering of velvet, plush, fur, or any other material suitable to protect the ear from the chilling blasts or extreme cold of the winter season.

35 The ear-protector thus made can be attached to the sweat-band of any hat by simply pressing the upper end of the clamp so as to open the jaws, slipping the free jaw between the sweat-leather and the hat, and then allowing the jaws to close, which will securely fasten the protector in the hat, and by turning the protector up or down can be either worn over the ear, as shown in full lines, or turned up inside the hat, as shown in dotted lines, to conceal it from view in moderate weather.

45 The clamp attached to the ear-protector will be found to form a very convenient mode of adjustment, as by its use the protector can be adjusted in any position desired in the hat,

and thus a very useful and convenient protector is provided, which can be readily attached in a few seconds in any hat in such a manner that it can be quickly brought into use and as readily put out of sight, or, if desired, removed altogether.

Another form of our invention is shown in Fig. 3, wherein we dispense with the clamp and attach the strap D directly to the sweat-lining by a loose rivet or eyelet. By this construction it is evident that although the protector is not readily detachable, yet it may be easily turned up out of sight when not required for use in moderate weather, or be as readily turned down for use in cold weather.

In lieu of the pivoted spring-clamp, we may use a clamp made of thin spring metal or wire, adapted to open sufficiently to slip over the edge of the sweat-band and be held there by its own pressure when allowed to close.

We do not intend to limit ourselves to the exact construction shown, as it is evident that it may be varied considerably without departing from the spirit of our invention.

We are aware that detached ear-protectors have been made in various forms, and that various kinds of hats or caps have been made with tabs or ear-pieces adapted to fold down over the ear or up outside of the hat, and we therefore make no claim to any of these constructions.

What we claim as new is—

1. An ear-protector provided with means, substantially as described, for attaching the same to a hat and holding it over the ear, as set forth.

2. The combination, with a hat, of an ear-protector, the two being provided with a connection between them adapted to hold the protector either over the ear or inside the hat, substantially as described.

3. The combination, with an ear-protector, of a metallic connection adapted to be secured to the sweat-band of a hat, substantially as described.

4. The combination, with a hat, of an ear-protector provided with a clamp for attaching the same to the hat, substantially as described.

5. The combination, with a hat, of an ear-protector having a clamp hinged thereto, substantially as and for the purpose specified.

6. The combination, with an ear-protector, 5 of the clamp A, having one jaw hinged to a strap, E, connected to the ear-protector, and the other jaw adapted to pass behind the sweat-band, substantially as and for the purpose set forth.

In testimony whereof we affix our signatures, in presence of two witnesses, this 8th day of May, 1883.

CORNELIUS BEARD.

CHARLES E. BALDWIN.

Witnesses:

WM. VAN SLOOTEN,
JOHN H. GREATFIELD.