

No. 729,293.

PATENTED MAY 26, 1903.

A. B. DORMAN.  
VACCINE SHIELD.

APPLICATION FILED AUG. 21, 1902.

NO MODEL.

FIG. 1.

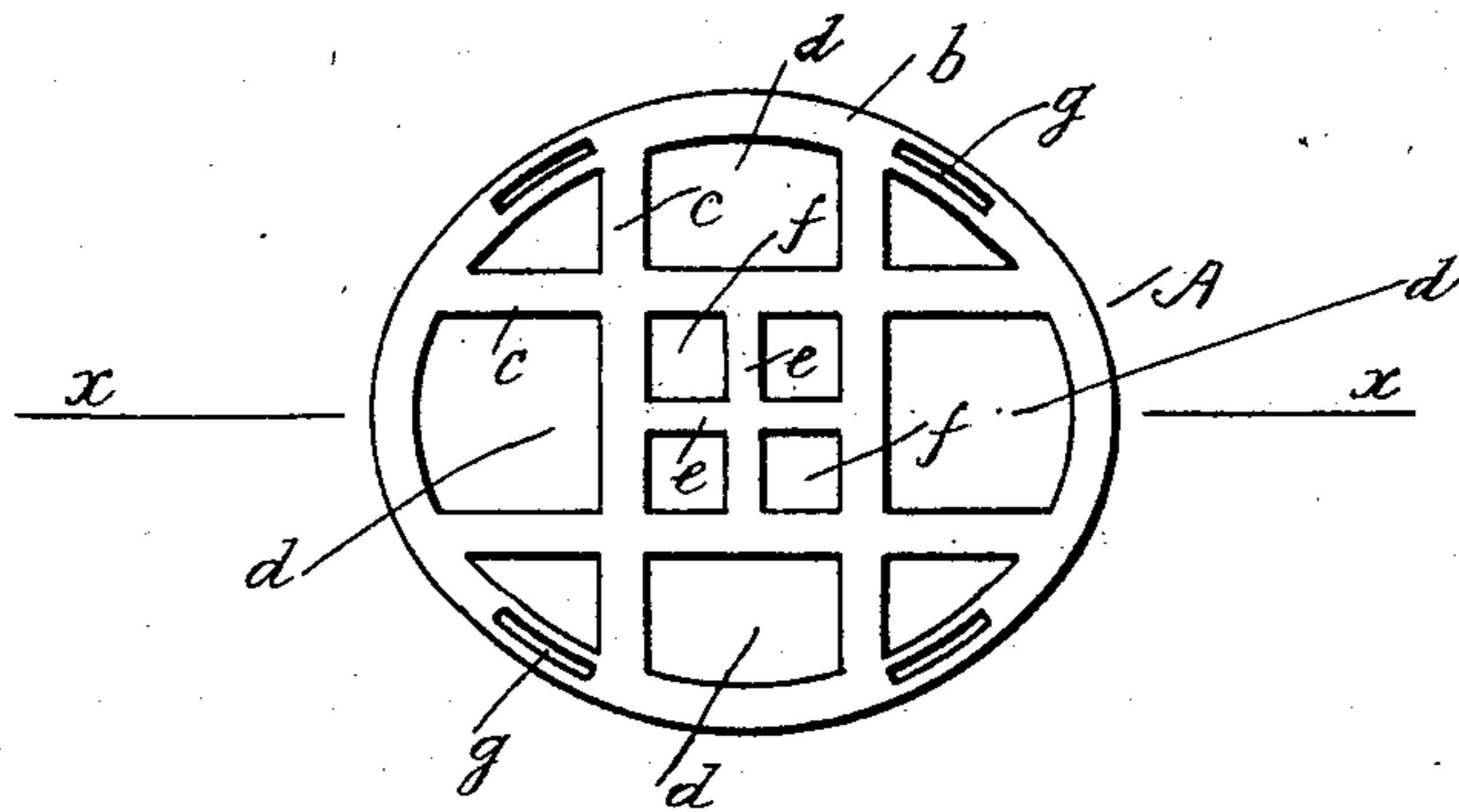
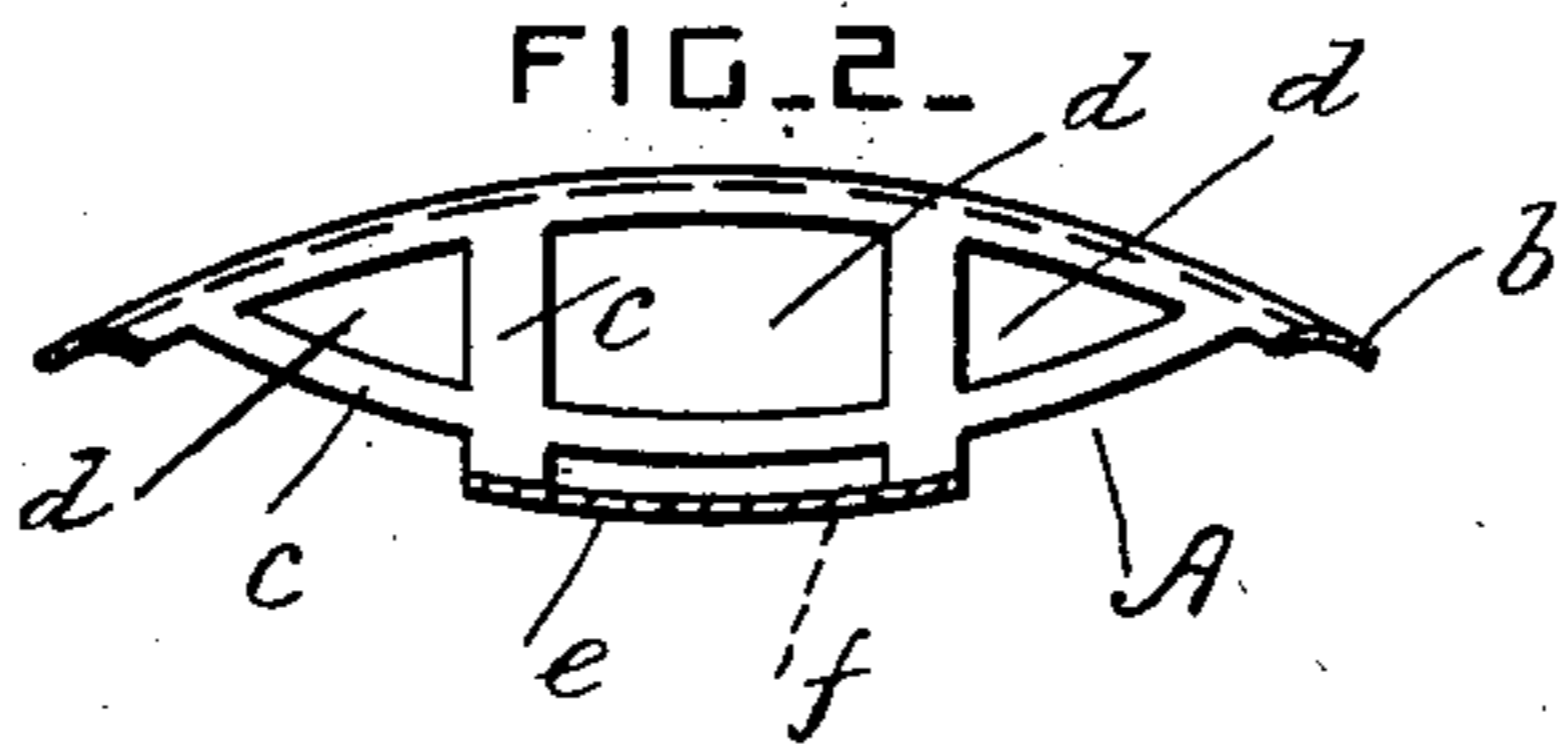


FIG. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

ALBERT B. DORMAN, OF WINTHROP, MASSACHUSETTS.

## VACCINE-SHIELD.

SPECIFICATION forming part of Letters Patent No. 729,293, dated May 26, 1903.

Application filed August 21, 1902. Serial No. 120,466. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT B. DORMAN, a citizen of the United States, residing at Winthrop, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Vaccine-Shields; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to shields for protecting the arms of patients who have been vaccinated; and it consists in the novel construction of the shield, as hereinafter fully described and claimed.

In the drawings, Figure 1 is a plan view of the shield. Fig. 2 is a section taken on the line *xx* in Fig. 1.

A is the shield, which is provided with an oval rim *b*, concavo-convex in cross-section and curved upwardly at its ends. The shield is provided with curved cross-bars *c*, which extend between the rim and which are arranged at right angles to each other, leaving large openings *d* adjacent to the rim. The central portion of the shield is provided with additional curved cross-bars *e*, which form smaller openings *f*. Slots *g* are formed in the rim *b* for the insertion of bands or strips of adhesive material for holding the shield in position on the arm of the patient.

The oval and curved shape of the rim en-

ables it to fit against arms of different size. The shield is made of aluminium, and it is easily cleaned and sterilized. The openings expose the vaccinated area to view, and the shield never chafes the parts.

This shield is superior to shields made of adhesive plaster and transparent material and which are nearly air-tight, as it never heats or steams the parts and always allows sufficient ventilation.

These shields are used with an antiseptic gauze dressing or two or three turns of a gauze bandage over them or not, as is thought best by the attending physician.

What I claim is—

A vaccine-shield of thin sheet metal, provided with a rim which is oval in form and concavo-convex in cross-section, four curved cross-bars *c* extending at right angles to each other between the rim and forming four large openings *d* adjacent to the rim and four smaller triangular openings, two cross-bars *e* at the central portion of the shield which form four small openings *f*, and slots *g* formed in the rim parallel with its edge, substantially as described and shown.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT B. DORMAN.

Witnesses:

ALICE J. MURRAY,  
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