

P. F. DEELY.
HAT VENTILATOR.
APPLICATION FILED NOV. 25, 1908.

934,508.

Patented Sept. 21, 1909.

Fig. 1.

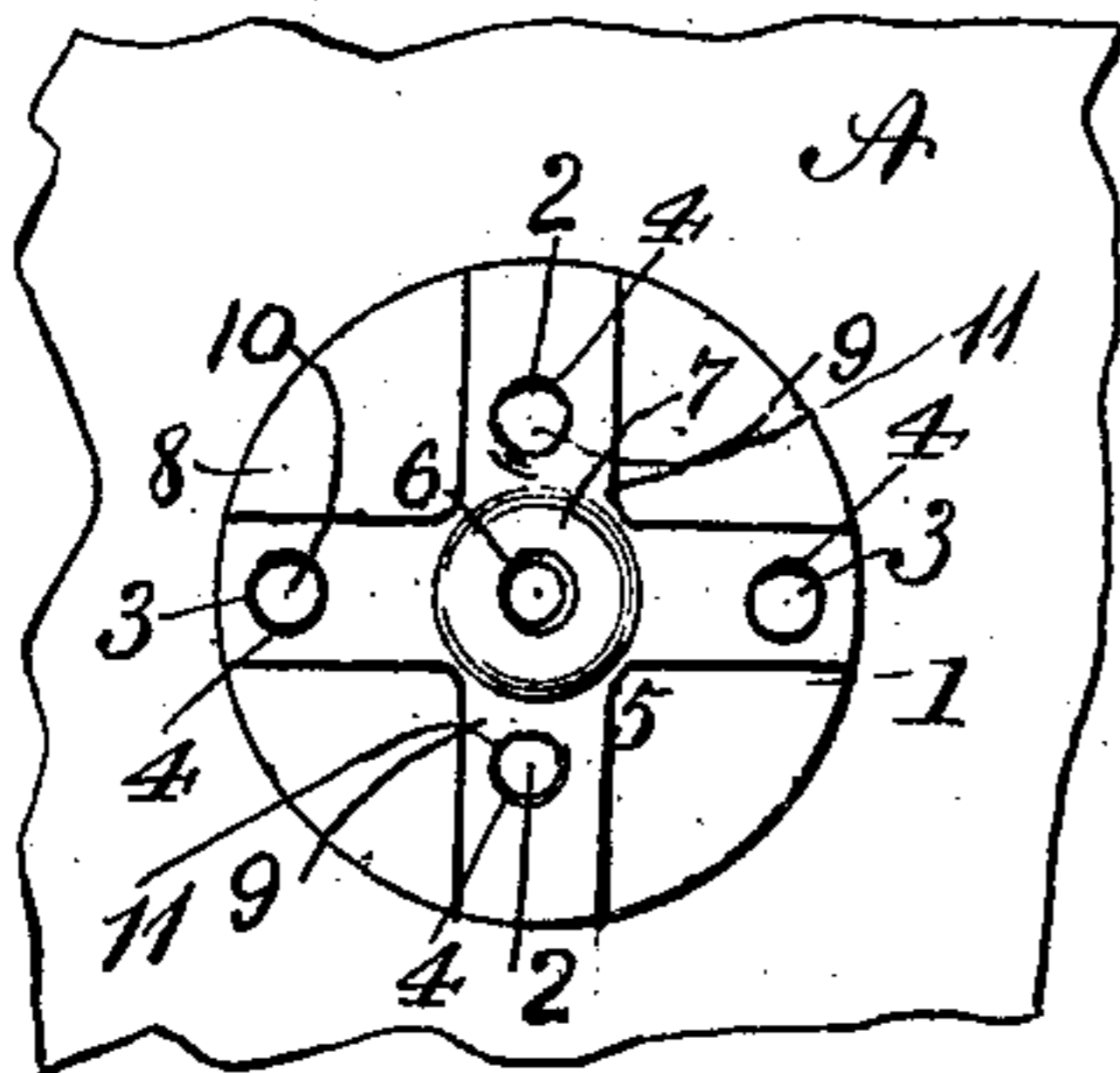


Fig. 3.

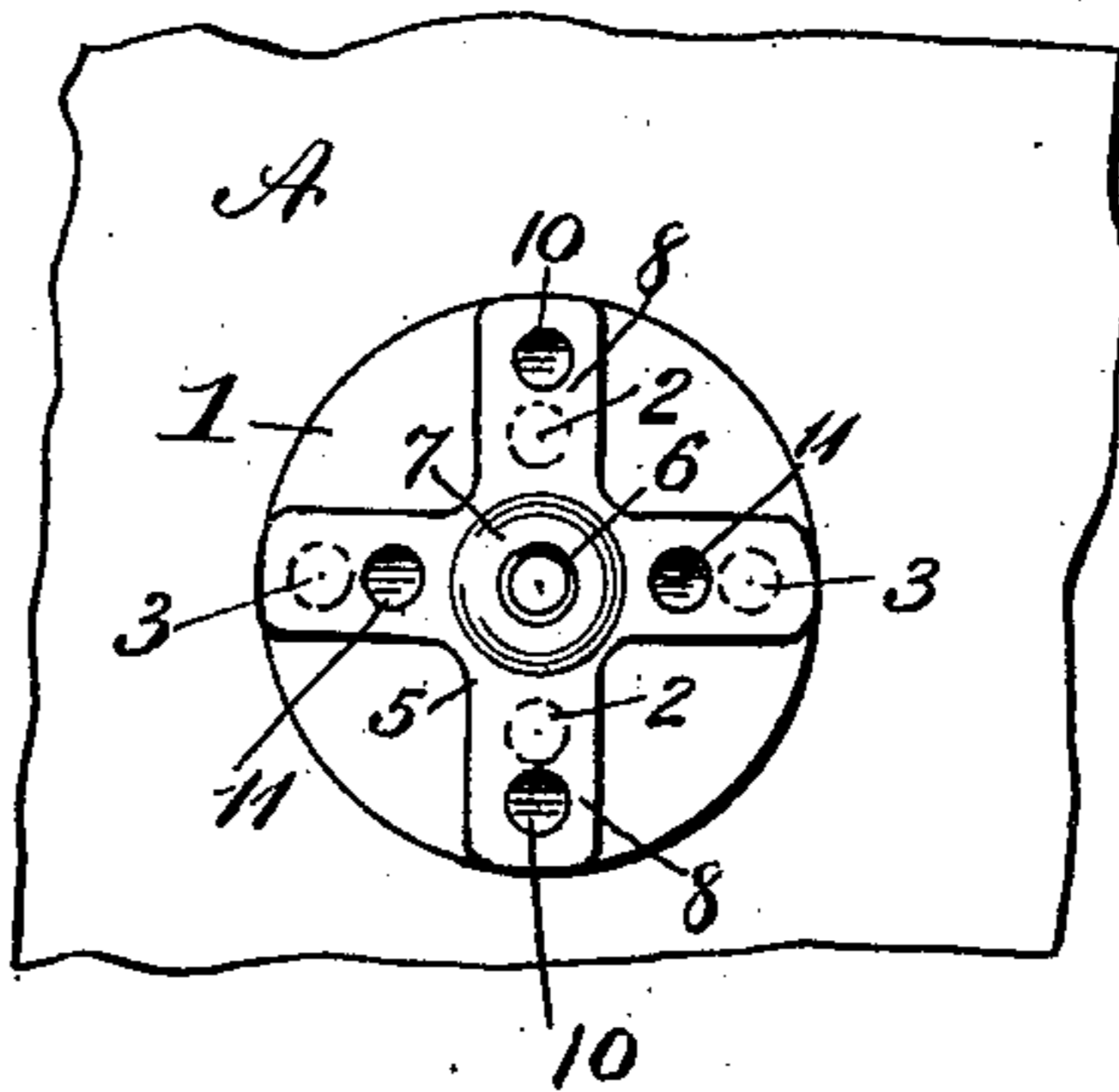


Fig. 2.

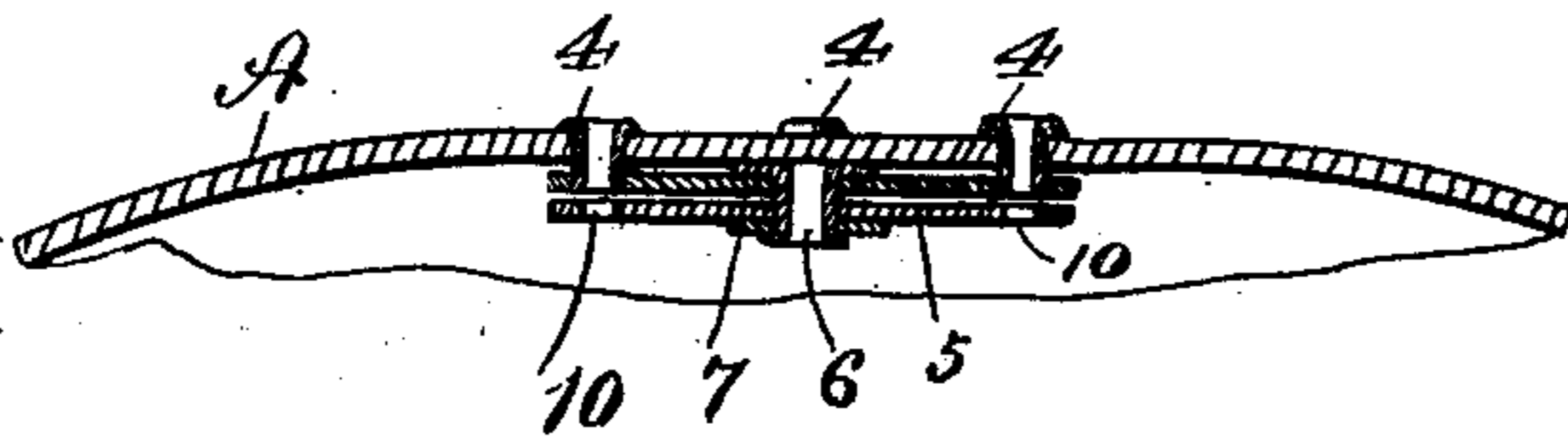
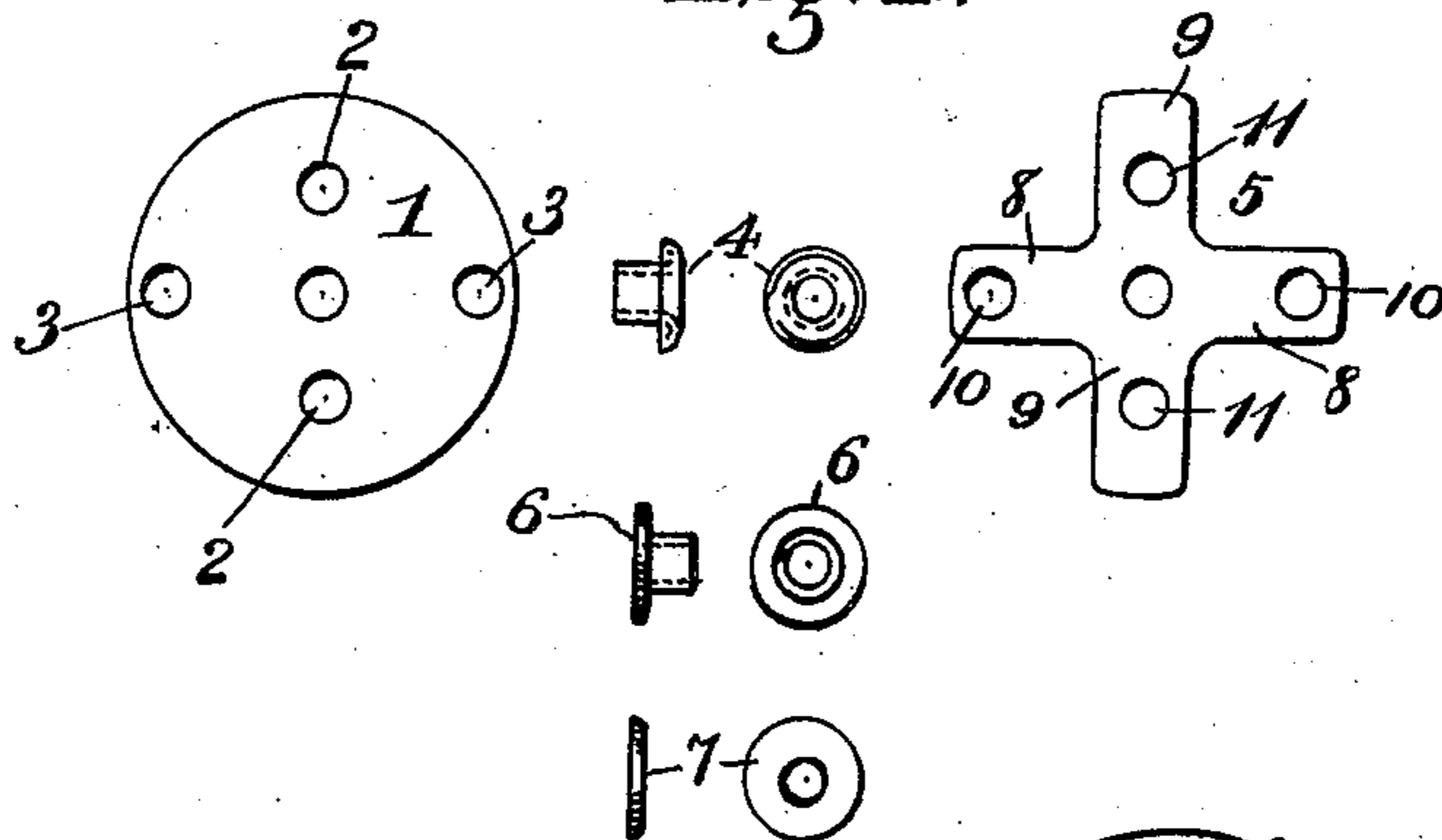


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

PATRICK F. DEELY, OF WATERBURY, CONNECTICUT.

HAT-VENTILATOR.

934,508.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed November 25, 1908. Serial No. 464,403.

To all whom it may concern:

Be it known that I, PATRICK F. DEELY, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Hat-Ventilators, of which the following is a specification.

My invention relates to an improvement in hat ventilators, and the object is to provide a device which is simple in construction and which can be manufactured at a small cost.

The invention relates to certain novel features of construction and combinations of parts which will be hereinafter described and pointed out in the claims.

In the accompanying drawings—Figure 1 is a view in side elevation showing the invention applied to a piece of felt; Fig. 2 is a sectional view, and Fig. 3 is a view in side elevation showing the arms closing the openings in the disk. Fig. 4 shows details.

A, represents the felt of a hat, and 1 is a cylindrical disk, which is provided with perforations 2, 2 and 3, 3. The perforations 3 are arranged along the outer edge of the disk, and the perforations 2 are formed in the disk near the center thereof and out of the direct line of the circle through the center of the outer perforations 3. Eyelets 4 are received through the felt and received into the openings 2 and 3 of the disk 1, through which they are clenched for holding the disk on the felt.

A damper 5 is mounted on the disk 1 and extending through the center of the disk and damper is a rivet 6. A washer 7 is received over the end of the rivet, and the rivet is clenched thereto allowing sufficient play to permit of the damper rotating. The damper is provided with arms 8 and 9. The arms 8 are provided with openings 10, which register with the openings 3 in the disk 1, and the arms 9 are provided with openings 11, which register with the openings 2 of the disk.

The eyelets 4, which are connected to the

disk 1 are hollow and form air vents for the pad. When the openings 10 register with the openings 3 and the openings 11 register with the openings 2, the ventilator is open, but upon turning the damper a quarter of a revolution the arms 9 close the openings 3, and the arms 8 close the openings 2, thereby shutting off any communication with the outer air. The damper can be regulated to suit the requirements of the wearer by turning it at different points to regulate the size of the openings.

It is evident that more or less slight changes might be made in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to be limited to the exact construction herein set forth, but:—

Having fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A hat ventilator comprising a disk having two sets of perforations, one set being near the outer edge and the other set being near the center, hollow rivets passing through the perforations in the disk adapted to secure the disk to the hat, and a damper having arms provided with perforations adapted to register with the perforations in the disk pivotally secured to the disk.

2. A hat ventilator comprising a disk having two sets of perforations, one set being near the outer edge and the other set being near the center, hollow rivets passing through the perforations in the disk adapted to secure the disk to the hat, and a damper having arms provided with perforations adapted to register with the perforations in the disk pivotally secured to the disk by means of a rivet passing through the center thereof.

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

PATRICK F. DEELY.

Witnesses:

JAMES J. SHAUGHNESSY,
FINTON J. PHELAN.