No. 796,384. PATENTED AUG. 1, 1905.

J. C. WILSON.

HAT VENTILATOR.

APPLICATION FILED DEC. 26, 1903.

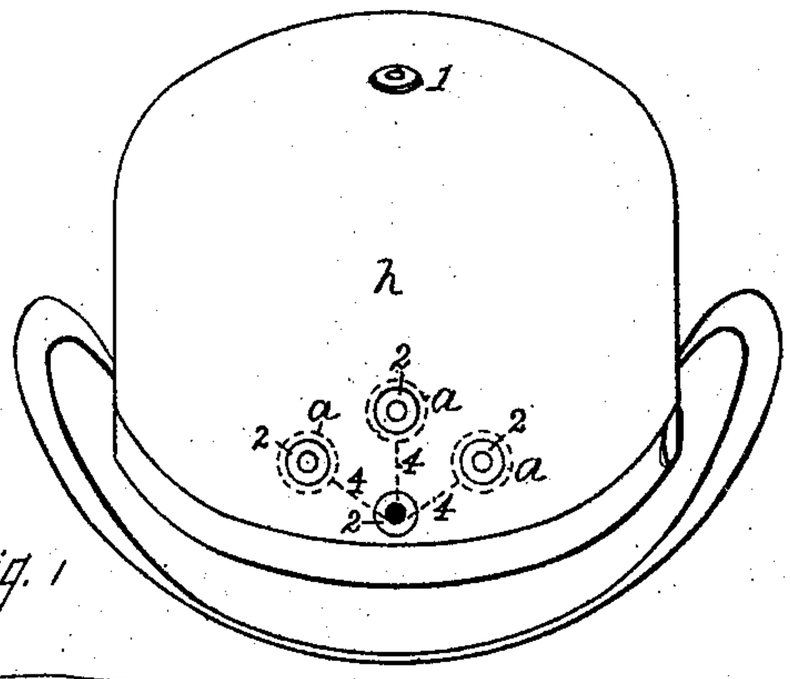

Fig. 1

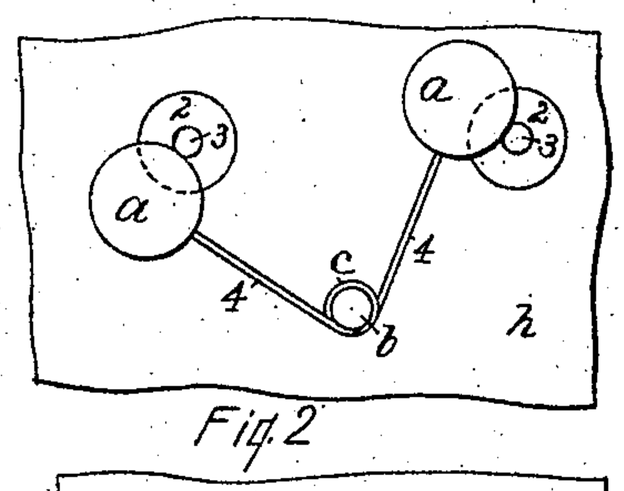

Fig. 2

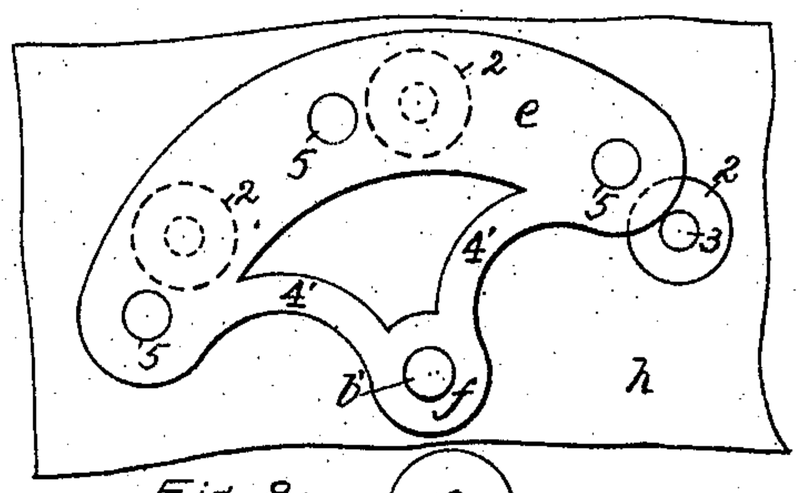

Fig. 8

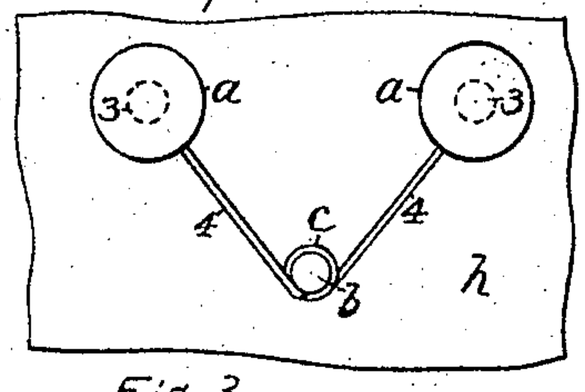

Fig. 3

Fig. 7

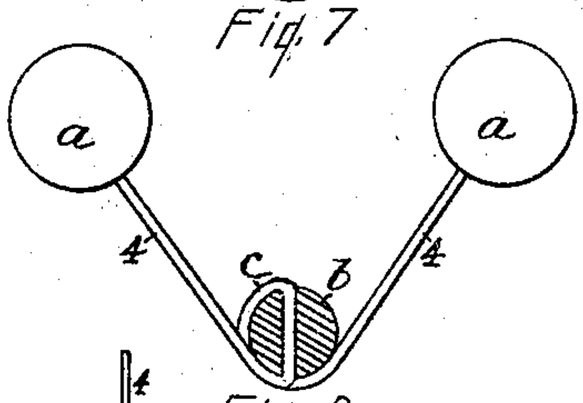

Fig. 6

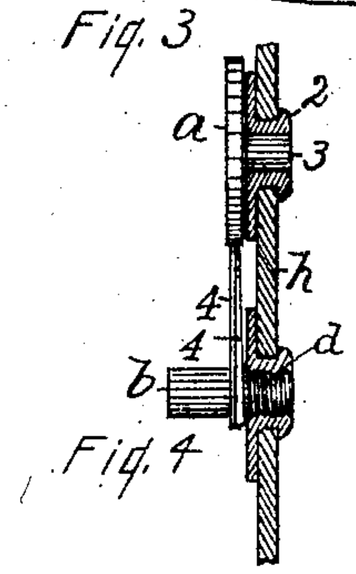

Fig. 4

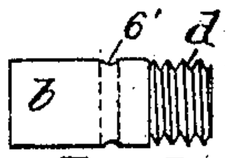

Fig. 5

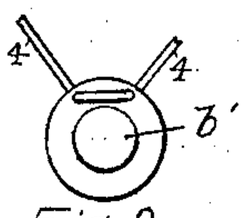

Fig. 9

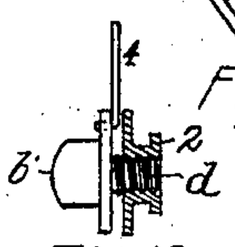

Fig. 10

Witnesses
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UNITED STATES PATENT OFFICE.

JOHN C. WILSON, OF LAKE MOHEGAN, NEW YORK.

HAT-VENTILATOR.

No. 796,384. Specification of Letters Patent. Patented Aug. 1, 1905.

Application filed December 26, 1903. Serial No. 186,555.

To all whom it may concern:

Be it known that I, JOHN C. WILSON, a citizen of the United States, residing at Lake Mohegan, in the county of Westchester and State of New York, have invented certain Improvements in Hat-Ventilators, of which the following is a specification.

This invention relates to hats of whatever kind, and has for its object an adjustable means of ventilating the hat. The object is attained by the means set forth in this specification and the accompanying drawings, in which like letters and digits refer to similar parts in the several views.

Figure 1 represents a hat in perspective, showing two points of ventilation—namely, the front and top of the hat. Fig. 2 represents the inside part of the hat to which the adjustable parts are attached. Fig. 3 is a like view showing the ventilation-openings closed. Fig. 4 is a side elevation of the parts shown in Figs. 2, 3 and in cross-section. Fig. 5 represents a stud for holding the movable parts of the ventilator. Figs. 6 and 7 are details relating to a form of construction for the movable parts of the ventilator. Fig. 8 represents another form of movable parts for the ventilator. Figs. 9 and 10 show other modifications of the movable parts.

In the first place, means for admitting air to the hat may be provided in the usual manner by the insertion of eyelets 2 2 2 2, Fig. 1, in the front of the hat and a single eyelet in the top of the hat. The eyelets may be placed in any part of the hat—front, sides, top, or back, as requirement or fancy may suggest. A very satisfactory arrangement is that shown in Fig. 1, in which four eyelets are employed in diamond shape. Any number more or less than three may be used.

In Figs. 2 and 3 two eyelets are shown, and a description of them will cover all. In the lower eyelet a thread is cut, as at *d*, Fig. 4, and a stud *b* is threaded to screw into the eyelet. The stud is not screwed up against a shoulder to make it immovable in an eyelet, but just far enough to enable the stud to be easily turned a part of a revolution to the right or left. To the stud stems 4 4 are secured, and disks of suitable material, preferably cork, *a a*, are attached to the stems. The stud, with the attachments, is screwed into the threaded eyelet, as in Fig. 4, and the stems are so bent as to admit of the cork disks lying against the inner side of the hat, where they encounter friction to prevent their moving without assistance. In Fig. 2 the disks are shown in position to leave the eyelet-openings 3 3 unobstructed. In Fig. 3 the disks are shown as covering the eyelets.

In Fig. 1 the disks are shown by broken lines and in position to close the eyelets. A slight turn of the stud *b* will cause the disks to uncover the eyelets. The stud is of such length and far enough up in the hat as to avoid contact with the head of the wearer of the hat.

When the holes in front of the hat are closed, there is of course a very slight ventilation of the hat through the hole 1 in the top of the hat. On a warm day the opening of the front holes makes a change in the interior of the hat that is at once perceptible to the wearer, and in a warm season the wearer often finds a day or encounters a wind which would make it a comfort to have the holes closed. That is the purpose of this invention. This adjustability of the ventilating means renders a spring or fall hat as comfortable as a straw hat on the warm days that are due to those seasons before it is admissible to wear straw hats.

While I have described a simple means of making the adjustable ventilator, I have shown others to indicate the variety of ways by which the same object may be accomplished. It is obvious that the movable parts may be made in one piece of any suitable material, as shown in Fig. 8, in which a segment *e* is united by integral arms 4′ 4′ to the integral hub *f*, which may be secured to the stud *b*, Fig. 4, or even the stud may be integral with the arms and segment. The segment is shown to be provided with holes 5 to coincide with the eyelet-holes 3 in the hat *h*. In the position shown one hole 3 at the right is uncovered. A slight move of the segment will close that hole, and a little further movement will cause the holes in the segment to coincide with all the eyelet-holes.

Fig. 5 shows the stud *b* in enlarged size. Fig. 6 shows how the wires 4 may be passed through the hole 6′ in the stud and bent into position for holding the disks *a*. In Fig. 7 is shown how a third disk and stem may be added by making the hole 6′ large enough to hold the two wires, one being curved, the other set in straight. A drop of solder at the point 9 secures the third wire.

One advantage of a screw-pivot is that it gives a steady bearing, while admitting of the easy removal and replacing of the movable parts.

I do not limit myself to the particular forms of constructing these movable parts, as the forms may be varied infinitely. What the invention comprises is the attachment of a movable means of controlling the ventilation of the hat.

Having described the invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination with the crown of a hat, of a stud-eyelet secured in the hat, a revoluble stud in said eyelet, radial arms in said stud, vent-hole closers on the outer ends of said arms, and vent-holes in the hat in such relation to the stud-eyelet that the said vent-closers may be turned to cover and uncover the vent-holes, substantially as set forth.

2. As an article of manufacture, a ventilator for a hat comprising a stud-eyelet for insertion in the crown of a hat, a revoluble stud in said eyelet, radial arms in said stud, vent-hole closures on the outer ends of said arms, the said stud-eyelet adapted to be placed in a hat in such relation to vent-holes in the hat that the said vent-closures may be made to cover and uncover the vent-holes, substantially as set forth.

Signed at Peekskill, in the county of Westchester and State of New York, this 15th day of December, 1903.

JOHN C. WILSON.

Witnesses:

JAMES DEMPSEY,

WILLIAM R. CONDIT.