J. YOKOSEKI.

HEAD COVERING.

APPLICATION FILED MAY 2, 1912. RENEWED JAN. 2, 1914.

1,093,162. Patented Apr. 14, 1914.

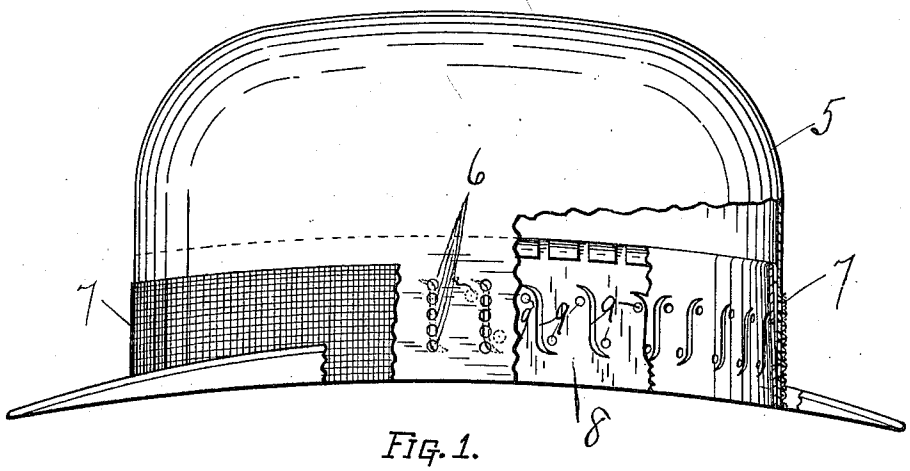


FIG. 1.

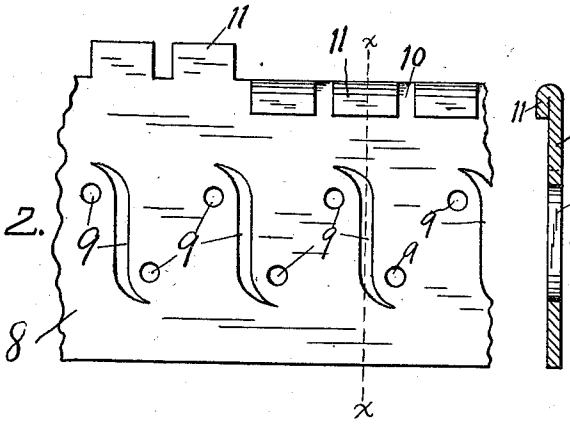


FIG. 2.

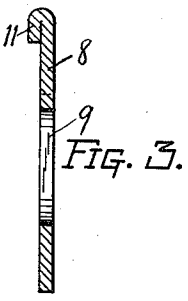


FIG. 3.

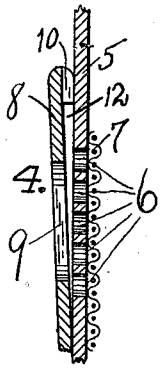


FIG. 4.

WITNESSES:

R. L. Rockwell

Frank Warren

INVENTOR

Jishiu Yokoseki

BY

C. D. Haskins

ATTORNEY

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JISHIU YOKOSEKI, OF SEATTLE, WASHINGTON.

HEAD-COVERING.

1,093,162. Specification of Letters Patent. Patented Apr. 14, 1914.

Application filed May 2, 1912, Serial No. 694,745. Renewed January 2, 1914. Serial No. 810,049.

To all whom it may concern:

Be it known that I, JISHIU YOKOSEKI, a subject of the Emperor of Japan, residing at Seattle, in the county of King and State of Washington, have invented a certain new and useful Improvements in Head-Coverings, of which the following is a specification.

My invention relates to improvements in hats, which may be of soft and flexible material or of hard stiff material and of any desired shape, and the object of my invention is to provide a hat that shall have adequate means for ventilation whereby it shall be comfortable and sanitary when worn.

I attain such object by devices illustrated in the accompanying drawings wherein—

Figure 1 shows by a view in side elevation a form of my invention as embodied in one style of hat wherein some portions are broken away to disclose the relative positions of other portions, Fig. 2 is a fragmentary view in side elevation of a detail of the same, Fig. 3 is a view in vertical-section of the same detail, on broken line *x*—*x* of Fig. 2 while Fig. 4 is a fragmentary view in vertical section of three different parts of my invention showing the relative position of such parts.

Like reference numbers indicate like parts throughout the drawings.

Briefly my invention comprises a hat, of any suitable material or of any shape, wherein the side walls of its crown, in that portion usually covered by its hat-band, is perforated with numerous air holes of any fanciful shape while its sweat-band, disposed within, is likewise perforated with numerous holes of any desired shape, such sweat-band being secured at its lower edge to the bottom edge of the hat-crown while its upper edge is rolled or turned over in a direction toward the inner wall of the hat-crown and such turned over edge is notched or provided with cut-away portions at successive points around the hat whereby air within said space may find passageway into the upper portion of the space above a wearer's head. Thus air may find passageway through the walls of the hat-crown, all around the hat, into the space between the sweat-band and the walls of the hat-crown thence upwardly into the space above the wearer's head and vice versa.

For sake of appearance the perforations through the walls of the hat-crown may be covered by the usual form of hat-band but preferably such hat-band should be made of a loosely woven or gauze-like ribbon whereby air may find access through it and through the perforations in the walls of the hat-crown, which are covered thereby, thence into the space between the sweat-band and the walls of the hat-crown.

I have shown my invention as applied to a stiff hat, commonly known as a derby hat, but obviously it may, with equal advantage, be applied to any form of soft felt hat or to a hat of other material.

Referring to Fig. 1 of the drawings, a hat-crown 5 is perforated with numerous vertical rows of holes 6 in that portion of the crown which is surrounded by a loosely woven and gauze-like ribbon 7 while a sweat-band 8 is provided with a series of fancifully shaped perforations 9. Fig. 1 shows a portion of the hat-crown 5 removed to disclose the said sweat-band 8 a portion of which is also removed to permit an internal view of said sweat-band 8 and a vertical sectional view of said sweat-band 8, the hat-band 7 and the wall of the hat-crown 5, whereby may be seen their relative positions. A like vertical sectional view of these same parts enlarged is shown in Fig. 4 wherein the hat-band 7 is indicated by the vertical row of dots associated with a sinuous line, 5 is the wall of the hat-crown, 8 is the sweat-band and 12 is the space formed by reason of the turned down portion 11 of the upper edge of the sweat-band 8.

Fig. 2 illustrates a fragment of the sweat-band showing the fanciful form and disposition of the perforations 9, the cut-away portions or notches 10 in the turned down portions 11 of the upper edge, two of such turned down portions 11 being shown as not turned down in order to illustrate the form into which the material is cut in the process of making the sweat-band.

Fig. 3 shows the sweat-band 8 in cross-section on broken line *x*—*x* of Fig. 2.

A contemplation of Fig. 4 makes obvious how air may find passageway through the loosely woven fabric of the hat-band 7 thence through the holes 6 in the wall of the hat-crown 5 and into the space 12 thence through the perforations 9 and upwardly through the notch 10 whereby perfect ventilation within the hat-crown 5 is attained. Ventilating holes, not shown, may be pro-

vided also in the top of the hat-crown in a manner well known.

Of course the dimensions, form and number of the perforations through the sweat-band and through the sides of a hat may be infinitely varied to suit one's fancy and meet the requirements of a hat or cap of any particular form and material, my invention being adapted for use in connection with caps as well as with hats.

What I claim is:

1. In a head-covering, a crown having a plurality of ventilating holes extending through and disposed around the lower portion of the wall thereof, and an external band of loosely woven material surrounding said crown and disposed to conceal said ventilating holes, in combination with a perforated sweat band disposed within the crown to which it is attached by sewing the lower edge of said sweat band to the lower edge of said crown, the upper edge of said sweat band being turned over toward the wall of the crown to insure the existence of a space between said sweat band and the wall of said crown, the turned down portion of said edge of said sweat band being provided with a plurality of vertical slots to provide vertical passageways for air.

2. In a head covering, a perforated crown, a perforated sweat band whose upper edge is turned over to form an external ridge around its upper portion, said external ridge being vertically slotted to provide a plurality of slots whereby are formed a series of projections extending outwardly from the upper portion of said sweat band.

In witness whereof, I hereunto subscribe my name this seventeenth day of April, A. D. 1912.

JISHIU YOKOSEKI.

Witnesses:

FRANK WARREN,

R. L. ROCKWELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."