April 16, 1929. J. W. MATLOCK 1,709,181

ADJUSTABLE FASTENING FOR HEADWEAR

Filed Feb. 17, 1927

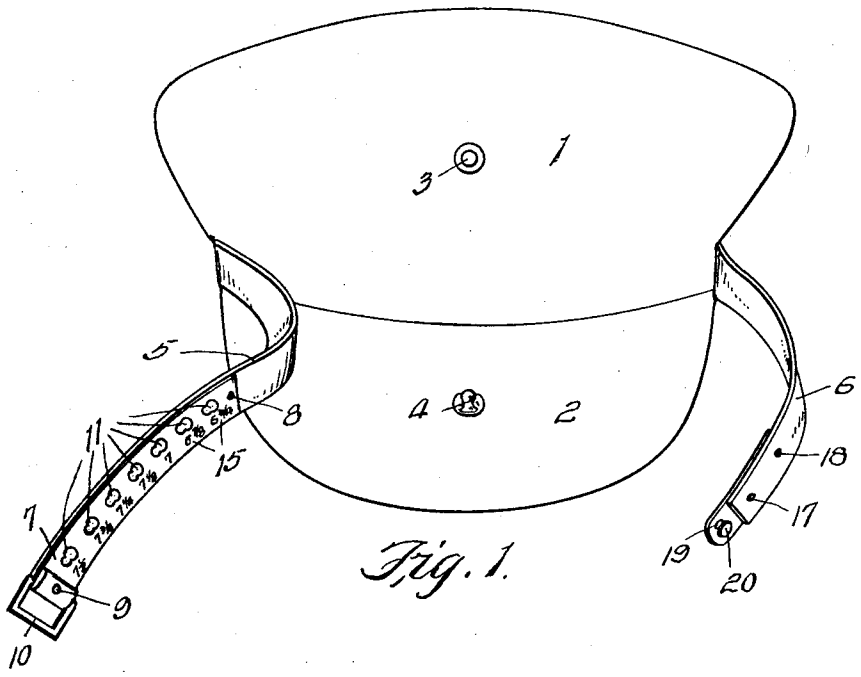


Fig. 1.

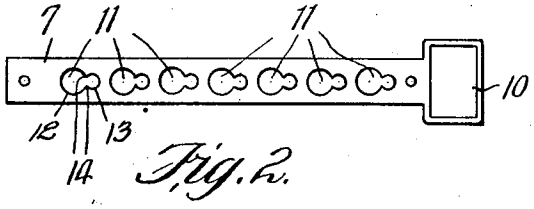


Fig. 2.

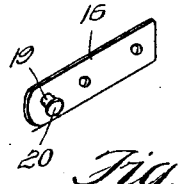


Fig. 3.

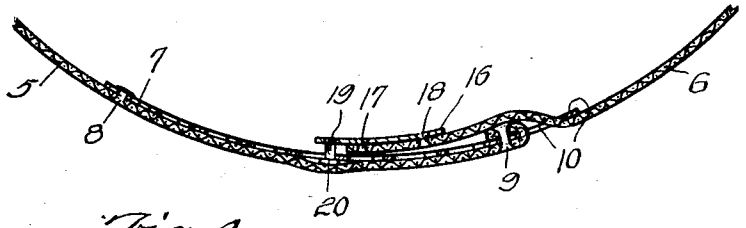


Fig. 4.

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Patented Apr. 16, 1929. 1,709,181

UNITED STATES PATENT OFFICE.

JOHN W. MATLOCK, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE CINCINNATI CAP COMPANY, OF CINCINNATI, OHIO, A CORPORATION OF OHIO.

ADJUSTABLE FASTENING FOR HEADWEAR.

Application filed February 17, 1927. Serial No. 168,888.

My invention relates to caps and has special reference to adjustable fastenings for head wear.

It is an object of the invention to provide an adjustable fastening which is a distinct and practical improvement to overcome certain practical objections to, and defects in, adjustable caps of the present type.

A further object of the invention is to provide simple and efficient means for expeditiously adjusting the size of the head opening of the cap between predetermined limits so that a single cap can accommodate heads of various sizes.

The invention viewed in a more limited aspect aims to provide means with size indica associated therewith which can be adjusted to provide a cap of the desired size without being placed upon the head of the wearer, said means embodying a flexible, or yieldable metallic strap member secured to the back of one of the usual overlapped crown extension straps of the cap and provided with a plurality of elongated spaced openings, each of two diameters with a resistance shoulder therebetween and provided with an end loop extending beyond the end of the fabric strap, and said openings being adapted to receive a headed shank fixed to a second metallic strap member fixed to the back of the other front fabric extension of the cap after passing through the end loop of the slotted metallic strap member.

Other objects and advantages of the invention will be apparent during the course of the following description.

A practical embodiment of my present invention is presented in the accompanying drawings forming a part of this specification, wherein like characters of reference denote similar parts throughout the several views:

Referring to the drawings:

Fig. 1, is a front elevation of a cap provided with size adjusting means embodying the features of my invention, the size adjusting means being shown as disconnected to more clearly illustrate its application to the crown extension straps.

Fig. 2, is a side elevation of the slotted or female metallic adjusting member.

Fig. 3, is a perspective view of the other, or male metallic adjusting member.

Fig. 4, is an enlarged sectional view of the size adjusting members as applied to the crown extension straps in one of their adjusted positions.

In the drawings, the reference numeral 1 represents the crown of the cap having the usual visor 2 and the crown and visor are provided with the usual snap fastener elements 3 and 4, respectively. The crown 1 is provided at its lower portion on opposite sides of the crown 1 adjacent the rear ends of the visor 2 with the usual overlapping fabric crown extension straps 5 and 6.

In carrying out the aim of my present invention, I provide the crown extension strap 5 which is preferably a little longer than the crown extension strap 6 with a suitable metallic strap member, or adjusting element 7. The metallic strap member 7 is preferably made from thin flexible, or yieldable material and of a width substantially the width of the crown extension strap 5, or less if so desired. The metallic strap member 7 is secured to the inner face of the fabric crown extension strap 5 by means of suitable rivets 8 and 9, or their equivalent, which pass through the metallic strap member 7 at a point near each end thereof so that the inner face of the metallic strap 7 loosely embraces the inner face of the crown extension strap 5 between the rivet connections. One end of the metallic strap member 7 is provided with a suitable buckle shaped keeper loop 10 which extends beyond the free end of the crown extension strap 5 due to the fact that the end of the crown extension strap 5 passes rearwardly through the loop 10 and is folded back upon itself and held in such position by means of the rivet 9 passing therethrough.

The metallic strap member 7 is provided between the rivet 8 and 9 with a plurality of longitudinally slotted openings 11 which are formed of openings of two diameters designated 12 and 13 so as to provide the opposed shank resistance shoulders 14 at the junction of the two diameters of the slotted openings 11. Adjacent each slotted opening 11 is suitable indicia 15 to designate which opening is to be used when adjusting the head size of the cap to a predetermined size.

A suitable flexible metallic strap member, or adjusting element 16 is fixed to the free end of the fabric crown extension strap 6. The strap member 16 is fixed to the rear side

of the crown extension strap 6 by means of a pair of suitable rivets designated 17 and 18. One end of the metallic strap 16 extends over the free end of the crown extension strap 6 and this extended portion of the metallic strap member 16 is provided with a forwardly directed shank 19 having a head 20 at its forward, or free end.

The adjustment of the cap from one size to another can be quickly effected by first lifting the front of the cap after detaching the snap fastener elements 3 and 4 and then changing the headed shank 19 from one slotted opening 11 to another. It will be here understood that the head 20 of the shank 19 is first passed through the larger diameter 12 of the slotted opening 11 and then the shank 19 is moved longitudinally of the opening 11 past the resistance shoulder 14 into the smaller diameter 13 of the slotted opening 11 which smaller end of the slotted opening is substantially the same diameter as the shank 19 while the larger end of the slotted opening 11 is of a slightly larger diameter than the head 20 of the shank 19 to permit the easy passage of the head therethrough. By this arrangement, it is obvious that the shank 19 can not be removed from the slotted opening 11 without first shifting the shank 19 from the smaller end of the slotted opening 11 to the larger end thereof, thus the adjusting elements cannot become accidentally displaced and disconnected, as longitudinal movement of the shank 19 within the slotted opening 11 is retarded by the friction or resistance shoulders 14 of the slotted openings 11.

From the foregoing description, it is evident that I provide a durable, practical, simple and very efficient adjusting means for varying the head size of caps and that the same is easily and quickly adjusted to change the head opening from one size to another.

The many advantages of the herein described invention will readily suggest themselves to those skilled in the art to which it appertains.

I do not wish to be understood as having limited myself to the exact details of construction shown and described, but desire to have it understood that the invention I have shown in the drawings is merely illustrative, as it is manifest that various minor changes may be made in the exact construction and particular arrangement of parts without departing from the spirit of my invention, hence I reserve the right to make any such changes, or modifications as may fairly fall within the scope of the appended claim when fairly construed.

What I claim is:

In a device of the class described, a thin flexible metallic strap member having a keeper loop formed integral with the strap member at one end thereof, said strap member adapted for engagement with the inner face of a cap strap with the free end of the cap strap passing through the keeper loop and folded back upon itself, rivets for securing the metallic strap member to the cap strap, said metallic strap having a plurality of longitudinal aligned slotted openings, each of which openings is formed of two diameters slightly overlapping each other to provide resistance shoulders at the juncture of the two diameters of the slotted openings, head size indicia stamped upon the metallic strap member adjacent each slotted opening, a relatively short thin flexible metallic strap member applied to the inner face of a second cap strap with one end thereof extending beyond the free end of the cap strap, rivets for securing said metallic strap member to the cap strap, a shank directed from the outer face of the extended end of said metallic strap member, a head formed at the end of said shank, said second strap adapted to pass through the aforesaid keeper loop from front to rear to position the free end of said cap strap and the metallic strap member carried thereby to the rear of the slotted metallic strap member to enable the headed shank to be received by a predetermined slotted opening of the slotted metallic strap member.

In testimony whereof I have hereunto affixed my signature.

JOHN W. MATLOCK.