J. CARLSON.

CAP.

APPLICATION FILED DEC 17, 1921.

1,423,829. Patented July 25, 1922.

Fig. 1.

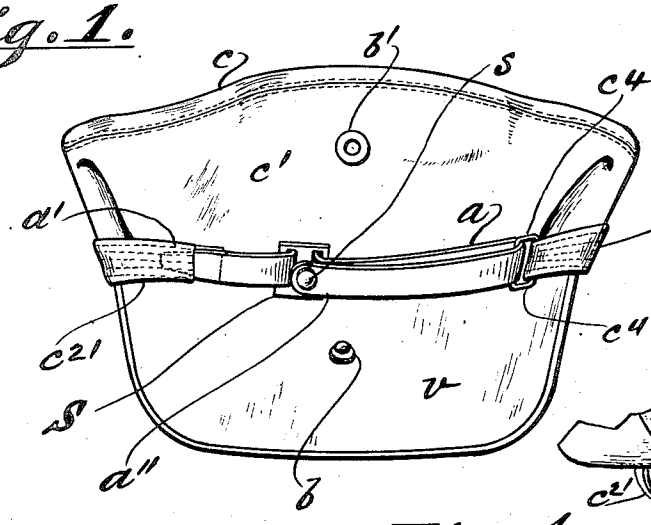


Fig. 5.

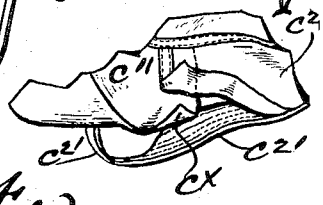


Fig. 2.

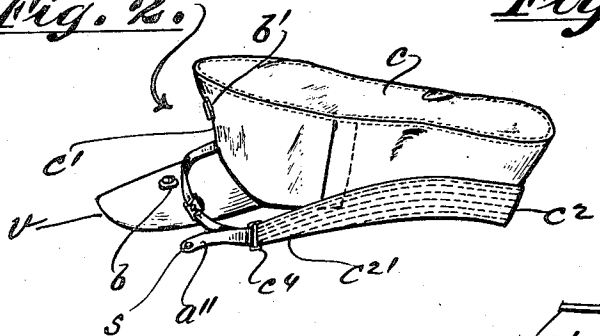


Fig. 4.

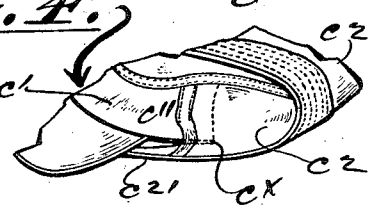


Fig. 6.

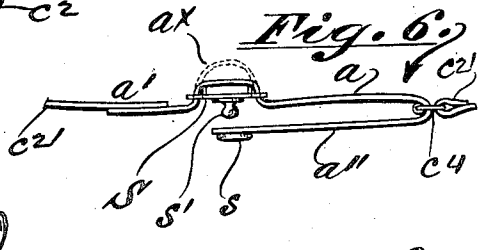


Fig. 3.

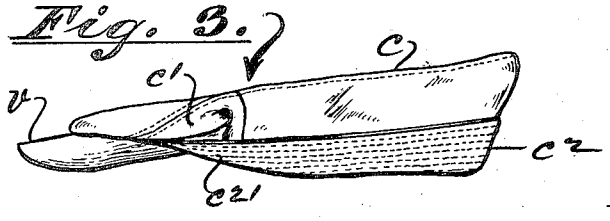


Fig. 9.

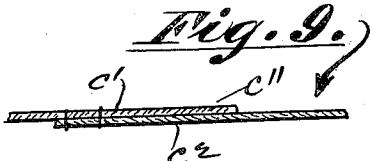


Fig. 7.

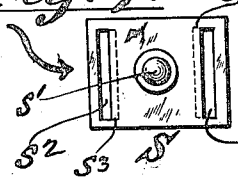
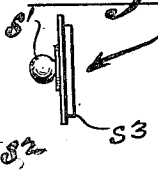


Fig. 8.



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UNITED STATES PATENT OFFICE.

JULIUS CARLSON, OF BROOKLYN, NEW YORK.

CAP.

1,423,829. Specification of Letters Patent. Patented July 25, 1922.

Application filed December 17, 1921. Serial No. 523,128.

To all whom it may concern:

Be it known that I, JULIUS CARLSON, a citizen of the United States, and a resident of the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Caps, of which the following is a specification.

My improvements relate more particularly to caps intended for masculine wear, and are designed to adapt a cap of this character of maximum standard size to fit accurately and comfortably craniums of lesser circumferential dimensions, without altering the prescribed normal appearance of such head covering, substantially as hereinafter more fully set forth, the invention consisting essentially in the specific construction, combination and arrangement of parts described and claimed, and distinctive features being the positive but adjustable contractive size means, and the method of compensating for alterations in circumscribing measurement, whereby wrinkling and distortion of contour is obviated and symmetry of appearance assured.

In the accompanying drawings,

Fig. 1, is a frontal perspective of a cap embodying the essential features of my invention, the front crown portion being detached from and raised above the peak or vizor;

Fig. 2, is a side view of the cap with the front portion of the crown raised from the vizor, and with the left hand side flap opened up to show the telescopic overlap of parts;

Fig. 3, is a side elevation of the cap in normal condition for use, with the frontal portion of the crown attached to the vizor;

Fig. 4, is a fragmentary view of the inner side of a portion of the side crown, illustrating the telescopic arrangement of the side flaps as related to the cap body;

Fig. 5, is a view similar to Fig. 4, with the side lining broken away in part to show the overlap of the side crown section as related to the front crown section of the cap;

Fig. 6, is a detail view of adjustable frontal copulative means interposed between the side crown flaps;

Fig. 7, is a front view of the slidable buckle plate;

Fig. 8, is an edge view thereof;

Fig. 9, is a sectional detail showing the overlap.

The top crown c, and front and side crown portions c', c^2, are substantially the same in form and construction as heretofore, the front crown portion c', having the usual peak or vizor v, attached thereto, and said frontal portion c', of the crown being detachably secured to the vizor v, normally by a snap button fastening b, b', of an ordinary and well known type, or by equivalent mechanical expedient.

The rear and side crown portions of the cap body are formed with a crown band c^2, having free ends c^{21}, c^{21}, which constitute side flaps, the forward ends of which are connected by an adjustable coupling strap a, which is permanently secured to one flap (as at a', Figs. 1 and 5) and passing through a loop c^4, secured to the end of the other flap, as illustrated in Figs. 1 and 2, of the drawings. The free end a'', of this coupling strap is provided with a snap socket s, for engagement with a snap stud s', on the face of the slide buckle S, which latter is mounted upon the main strand (a) of said coupling strap. This slide buckle S, consists essentially of a relatively flat plate formed with parallel side slots s^2, s^2, through which the coupling strap a, is threaded; and on the medial portion of the buckle plate between these slots s^2, s^2, the snap stud s', is rigidly mounted. When the coupling strap a, is drawn taut through the slots s^2, s^2, of the buckle plate S, the latter is held rigidly against movement thereon, in either direction by frictional contact, but if the portion of the strap a, constituting the buckle bight thereof at the rear of the plate S, and between the slots s^2, s^2, is loosened up as indicated by the dotted lines a^x, Fig. 5, the said buckle plate S, may be slid freely along the main or rear strand a, of the coupling strap in either direction, to be again fixed and held stationary thereon when said main strand a, of the coupling strap is drawn taut. In order to increase the frictional contact between the slidable buckle plate S, and the coupling strap a, when the latter is thus drawn taut therethrough, I prefer to form the said buckle plate S, with rearwardly protuberant bearing ridges s^3, s^3, which may consist of the material of the plate upset in the formation of the slots s^2, s^2,—it being understood, of course, in

this connection that said slidable buckle plate S, is preferably, although not necessarily, made of sheet metal, die-stamped into shape, or otherwise constructed as may be found most expedient in practice. These bearing ridges s^3, s^3, act in conjunction with the edges of the slots s^2, s^2, to pinch the bight a^x, of the coupling strap a, when the latter is drawn taut, as will be readily understood by reference particularly to Fig. 6, of the drawings.

It is obvious that an alternative arrangement of snap socket s, and snap stud s', may be resorted to if desired with like result, in that the stud s', may be attached to the free end a'', of the strip a, and the socket s, positioned on the slidable buckle S, without change of function.

By this means of adjustable constrictive attachment between the otherwise free ends of the crown band flaps c^{21}, c^{21}, it is obvious that the circumferential length and size of the crown band may be adjusted and regulated with accuracy to fit any cranial measurement less than that of the maximum size for which the cap is made, in such manner that the slightest variations in measurement may be compensated for. Hence instead of a dealer having to carry six or eight or more different sizes of cap in stock to meet the varying requirements of possible customers, the dealer can readily adapt my maximum standard size of cap to fit the head of any purchaser, and to effect this result with more accuracy and comfort to the wearer than where a fixed and prescribed series of caps are to be chosen from, with no means of varying the circumferential length of crown band between the said fixed and prescribed sizes.

In order to obviate any puckering up or distortion of the front and side crown portions of the cap incidental to a reduction in length of crown band for the purpose set forth, I extend the ends c'', of the front crown c', under the forward ends of the side crown as indicated more particularly in Figs. 4 and 5, so that the "takeup" or contraction of crown measurement consequent to adjustment to a smaller size will be compensated for by the loose corners c^x, c^x, of said front crown section, thereby obviating puckering and irregularity of shape, and affording a uniform, finished appearance externally, irrespective of the size thus attained in accordance with the requirements of the purchaser.

By the use of my slide buckle S, and snap fastenings s, s', in conjunction with the otherwise free ends a'', of the copulative strap a, I am enabled to effect minute and accurate adjustment of crown band to conform to the exact circumferential cranium measurement of the wearer, irrespective of the usual commercial sizes, and intermediate thereof, when circumstances so require, so that a perfect and confortable "fit" is assured.

Furthermore, this may be accomplished quickly, and with facility by simply unsnapping the fastenings s, s', loosening up the "bight" of the strap a, as hereinbefore stated, sliding the buckle plate S, along the strap a, according to requirements, drawing it taut, and then re-snapping the said fastenings s, s', thus locking the parts in prescribed position and relationship.

What I claim as my invention and desire to secure by Letters Patent is,

1. A cap of the character designated, formed with a crown band having its ends free and forming integral frontal flaps, and adjustive means connecting the otherwise free ends of said flaps, consisting of a copulative strap rigidly attached to the end of one flap, a loop on the end of the other flap, said copulative strap extending through said loop on the end of the other flap, and a slidable buckle on the main strand of said copulative strap, and snap button connective means for detachably securing the free end of said copulative strap to said slidable buckle, substantially in the manner and for the purpose described.

2. A cap of the character designated, formed with crown band having its ends free and forming integral frontal flaps, and adjustive means connecting the otherwise free ends of said flaps, consisting of a copulative strap rigidly attached to the end of one flap, a loop on the end of the other flap, said copulative strap extending through said loop on the end of the other flap, and a slidable buckle on the main strand of said copulative strap, and snap button connective means for detachably securing the free end of said copulative strap to said slidable buckle, the end of the front crown section of the cap being formed to extend telescopically within the ends of the side crown section thereof, substantially in the manner and for the purpose described.

JULIUS CARLSON.

Witnesses:
DOROTHY M. CARMICHAEL,
GEO. WM. MIATT.