Nov. 2, 1954 B. B. SMITH 2,693,275

UNIFORM CAP BOX

Filed Sept. 7, 1950

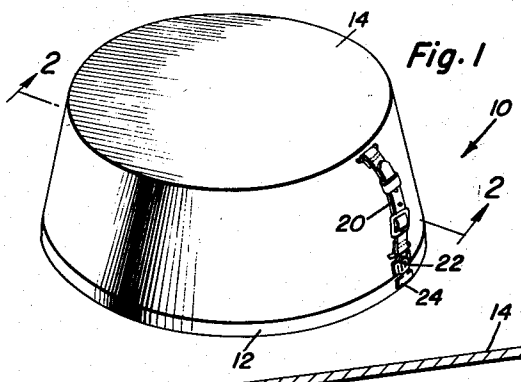


Fig. 1

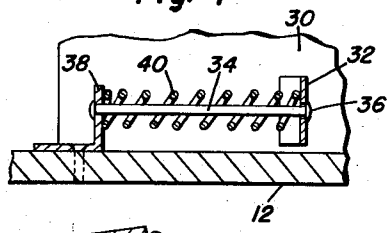


Fig. 4

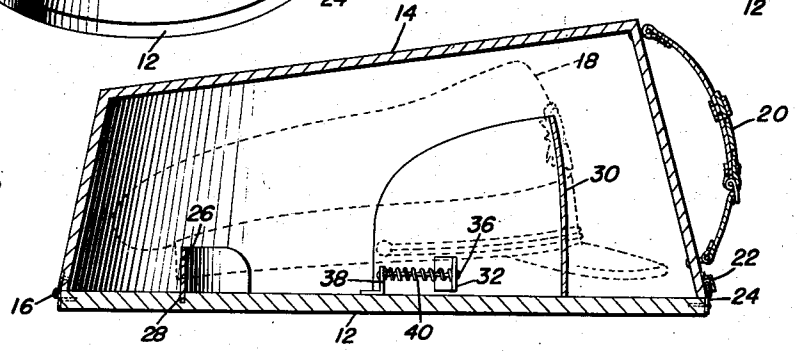


Fig. 2

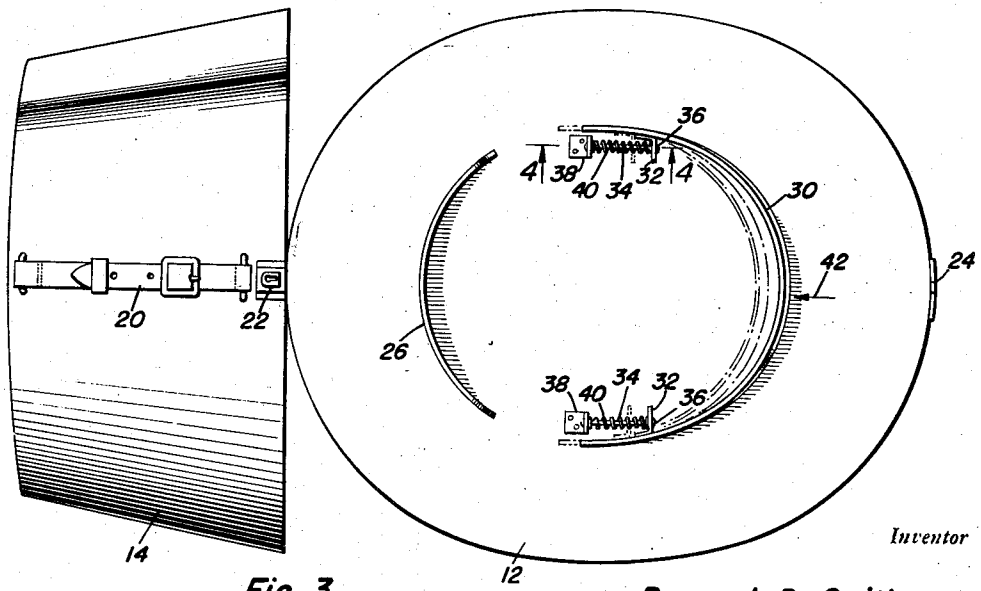


Fig. 3

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2,693,275

UNIFORM CAP BOX

Bernard B. Smith, United States Air Force, assignor of thirty-three and one-third per cent to Harold I. Pawlowski and thirty-three and one-third per cent to John C. Wiley, both of March Field, Calif.

Application September 7, 1950, Serial No. 183,483

1 Claim. (Cl. 206—8)

This invention relates to new and useful improvements and structural refinements in boxes or containers for uniform caps, and the principal object of the invention is to facilitate convenient and safe transportation of uniform caps without crushing, bending or otherwise mutilating the same.

The above object is achieved by the provision of a box which is adapted to receive a uniform cap therein, an important feature of the invention residing in the provision of means in the box for frictionally engaging and sustaining the cap against displacement.

Some of the advantages of the invention reside in its simplicity of construction, in its efficient and dependable operation, in its pleasing appearance, and in its adaptability to economical manufacture.

With the above more important objects and features in view and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially in the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the invention in its closed position;

Figure 2 is a vertical sectional view thereof, taken substantially in the plane of the line 2—2 in Figure 1;

Figure 3 is a top plan view of the invention in its open position; and

Figure 4 is a fragmentary sectional view, taken substantially in the plane of the line 4—4 in Figure 3.

Like characters of references are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of a uniform cap box which is designated generally by the reference character **10** and embodies in its construction a substantially flat base plate **12** and a dome-shaped cover **14** which is hinged at the rear thereof to the base plate, as indicated at **16**.

The cover **14** is of such shape and dimensions to properly accommodate a uniform cap indicated at **18**, and the front of the cover is provided with a buckled strap **20** which functions as a convenient handle for carrying the entire device and which may also be used for attaching the entire device to the handle of a suitcase, or the like. Coacting fasteners **22**, **24** of any conventional type are provided at the front of the cover **14** and of the base plate **12**, respectively, whereby to releasably lock the cover in its closed position.

The essence of novelty in the invention resides in the provision of means in the box for sustaining the cap **18**

against displacement, these means consisting of an arcuate cap anchoring back member **26** which has its lower edge portion rigidly secured in an arcuate groove **28** provided in the upper surface of the base plate **12**, while an arcuate cap retaining front member **30** is disposed forwardly of the back member and is movable toward and away from the latter by virtue of means hereinafter described.

The front member **30** has its lower edge portion slidable on the upper surface of the base plate **12** and a pair of angle brackets or ears **32** are secured to the inner surface of the rear portions of the front member, for sliding movement on a pair of stationary bars or guide rods **34**. These bars are provided at their forward ends with enlarged heads **36** and the rear ends of the two bars are secured to angle brackets **38** which, in turn, are mounted on the upper surface of the base plate **12**. Compression springs **40** are positioned on the bars **34** between the brackets **38** and the ears **32**, whereby the front member **30** is urged forwardly, that is, away from the rear member **26**, but by pressing the front member **30** rearwardly, as indicated at **42** in Figure 3, the cap **18** may be applied to the two members and the springs **40** will then cause the two members to frictionally engage the cap and sustain the same against displacement.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and, accordingly, further description thereof at this point is deemed unnecessary.

Having described the invention, what is claimed as new is:

A uniform cap box comprising, a plate, a rigid, arcuate anchoring member fixed transversely on the rear portion of said plate and engageable in the back portion of a cap, a pair of upstanding angle brackets fixed on the plate in forwardly spaced relation to the end portions of the anchoring member, forwardly extending, parallel guide rods mounted on the brackets and including headed ends, an arcuate, resilient, relatively high and long transverse cap retaining member slidably mounted on the plate forwardly of the anchoring member and adjustable toward and away from same, said retaining member being engageable in the front portion of the cap, apertured angle ears in the end portions of the retaining member in spaced, opposed relation to the brackets and slidable on the guide rods, coil springs on said guide rods engaged with said ears for yieldingly urging the retaining member forwardly in the cap, and a cover hingedly mounted on the plate.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
2,182,924	Kraft	Dec. 12, 1939
2,259,930	Gawelek	Oct. 21, 1941

FOREIGN PATENTS

Number	Country	Date
6,881	Great Britain	of 1890
19,936	Great Britain	of 1891
6,561	Great Britain	of 1892
4,487	Great Britain	of 1896
469,494	France	May 22, 1914