No. 836,481. PATENTED NOV. 20, 1906.

W. N. BROWN.

MINER'S CAP ATTACHMENT.

APPLICATION FILED MAY 26, 1906.

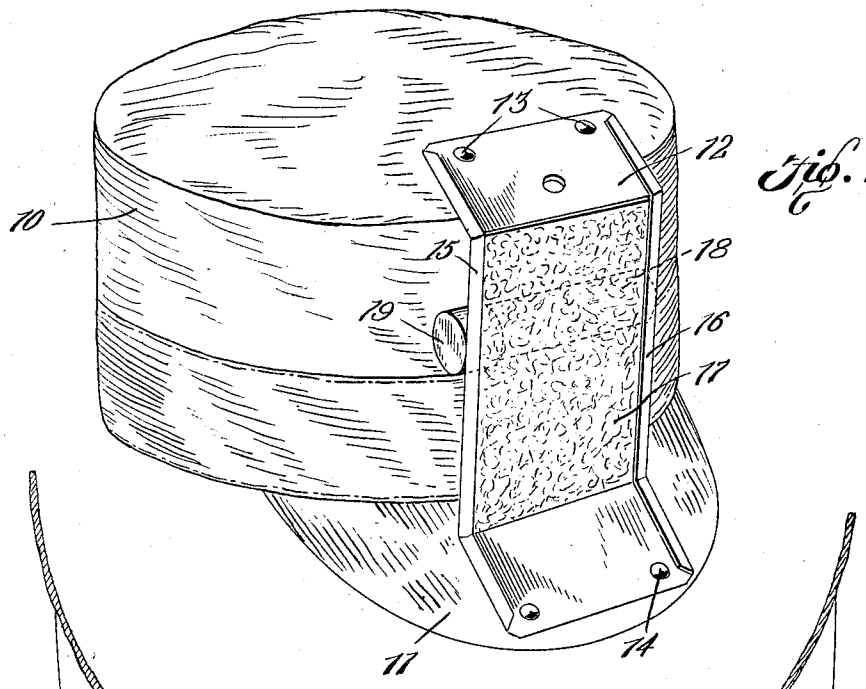


Fig. 1.

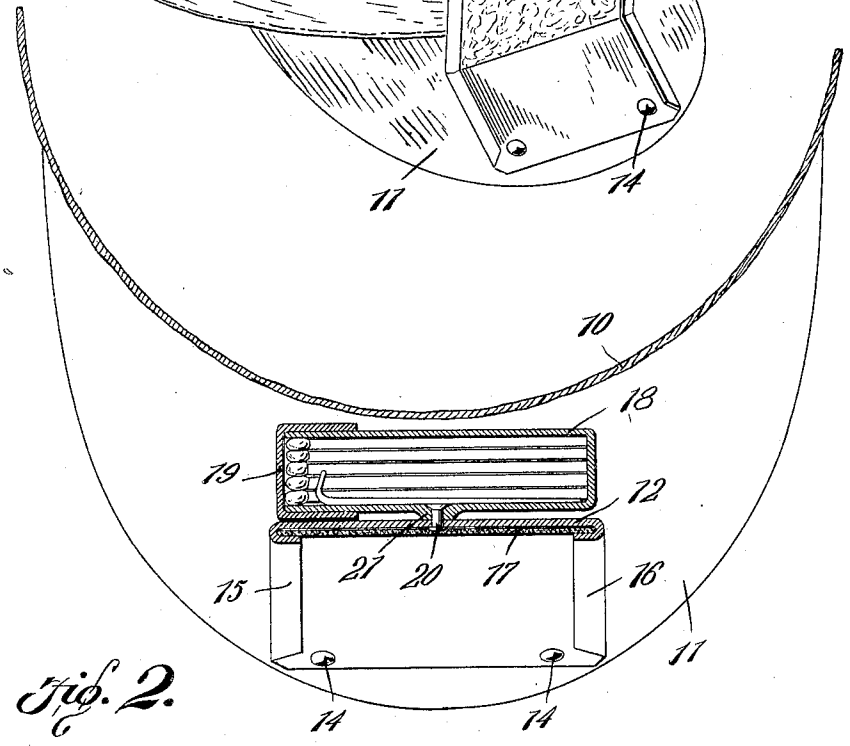


Fig. 2.

WITNESSES:

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MINER'S-CAP ATTACHMENT.

No. 836,481. Specification of Letters Patent. Patented Nov. 20, 1906.

Application filed May 26, 1906. Serial No. 318,944.

To all whom it may concern:

Be it known that I, WILLIAM N. BROWN, a citizen of the United States, residing at Lebanon, in the county of St. Clair and State of Illinois, have invented a new and useful Miner's-Cap Attachment, of which the following is a specification.

This invention relates to caps of the character usually worn by miners; and its object is to provide a cap having means whereby matches may be conveniently carried without danger of the same being injured from heat or moisture.

With the above and other objects in view the invention consists of certain novel features of construction and combinations of parts, which will be hereinafter more fully described, and pointed out in the claim.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings, Figure 1 is a perspective view of a cap having the present improvements connected thereto, and Fig. 2 is a horizontal section through the attachment and the front portion of the cap.

Referring to the figures by characters of reference, 10 is a cap having a peak 11 extending therefrom in the ordinary manner. Secured upon the crown and the peak is a substantially rectangular plate 12, adapted to be fastened by means of rivets 13 or in any other preferred manner. This plate projects forward from the crown of the cap and has an integral extension 12^a, which projects downward to the peak and is provided with a forwardly-projecting portion 12^b, which bears upon the peak and is adapted to be fastened to it in any preferred manner, as by means of rivets 14. The edges of the plate 12 and its extensions 12^a and 12^b are bent inward, so as to reinforce the parts longitudinally, and the inwardly-bent edges of the extension 12^a constitute guides 15 and 16, between which is adapted to be inserted a strip 17 of asbestos or other material, which will not readily conduct heat.

Disposed within the space which is formed between the cap 1 and the intermediate portion 12^a of the plate is a cylindrical receptacle 18, having a boss 21 thereon at a point between its ends, which is adapted to bear against the rear face of the portion 12^a, so as to space the receptacle from said face and permit a closure 19 to be slipped over the open end of the receptacle. Suitable securing means, as a rivet 20, extends through the boss and the portion 12^a of the plate, so as to securely fasten the receptacle 18 to said plate.

An opening 13^a is formed in the plate 12 and is adapted to receive the supporting-hook of a lamp. (Not shown.) This lamp will rest on the strip 17 of insulating material. Matches are placed within the receptacle 18, and a wick-picker and other suitable tools may also be placed within this receptacle. When the lamp is lighted, the plate 12 and the extension 12^a would ordinarily become heated to a very high temperature, and therefore the matches carried within the receptacle would be liable to become ignited or would be melted or otherwise injured as a result of this intense heat. In order to prevent any such objectionable result, the strip 17 of insulating material is placed upon the portion 12^a of the plate, so as fully to protect the match-receptacle and its contents from the action of the heat generated by the lamp. The closure 19 fits upon the receptacle sufficiently tight to prevent the admission of moisture or dirt, so that matches can be carried within the receptacle for a long time and will always be in condition for use. It is often necessary to have matches located at a convenient point for use in an emergency, and it is found that by placing them in the manner herein described and upon an article which is indispensable to the miner considerable danger and inconvenience may be obviated.

What is claimed is—

The combination with a cap having a peak; of an angular plate secured upon the crown and apex of the cap and spaced from the front thereof, said plate constituting a lamp-support, a cylindrical match-receptacle interposed between the plate and cap and immovably secured to the plate, said receptacle ex-

tending from one side to the other of the plate, a closure detachably mounted upon one end of the receptacle and adjacent one side of the plate, and an insulating-strip upon that portion of the plate adjacent the receptacle.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM N. BROWN.

Witnesses:
LOUIS ZERWECK,
FRANK POIGNEE.