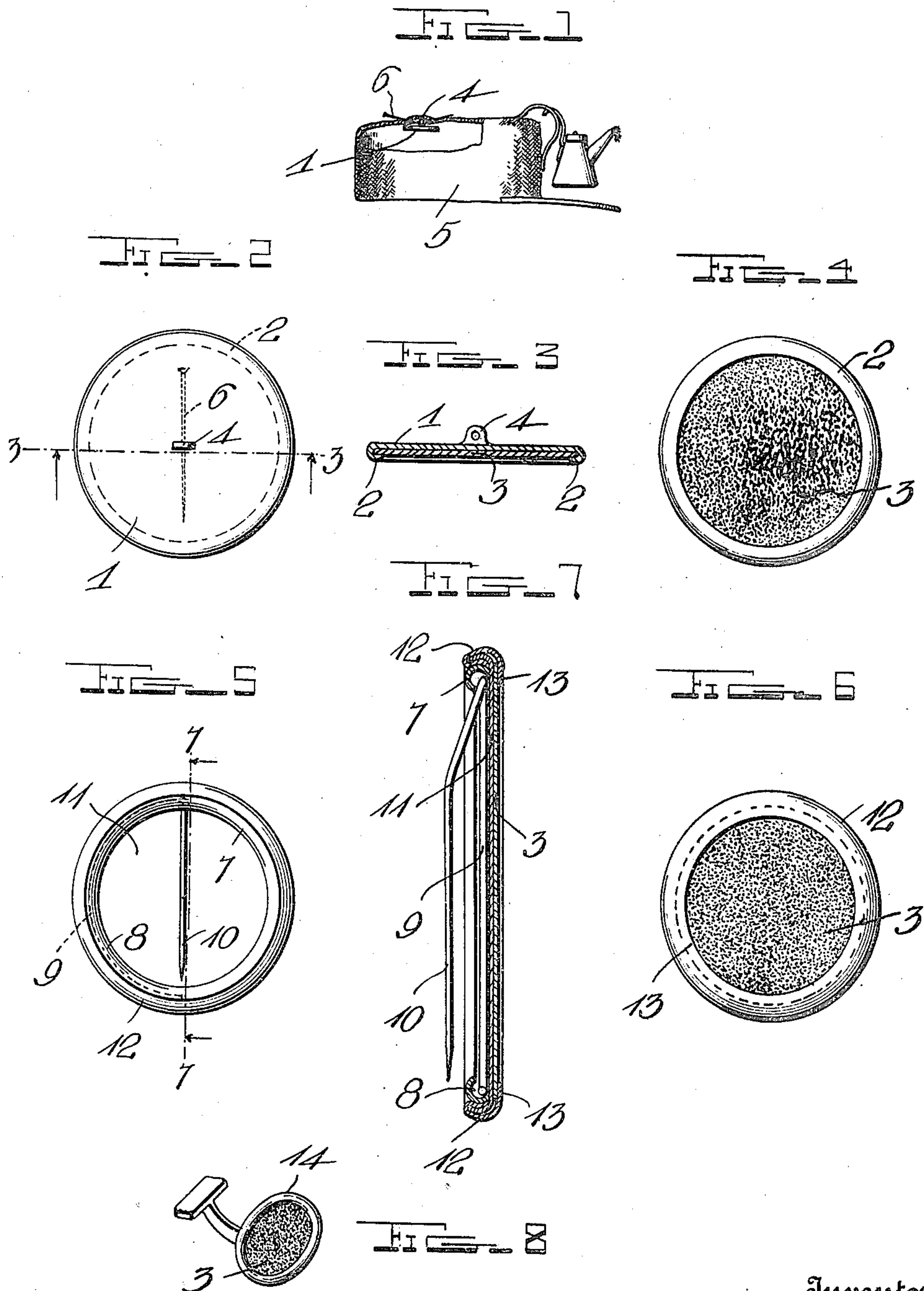


A. KINOWSKI.
MATCH STRIKER.
APPLICATION FILED JAN. 27, 1910.

964,276.

Patented July 12, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

ANTHONY KINOWSKI, OF SCRANTON, PENNSYLVANIA.

MATCH-STRIKER.

964,276.

Specification of Letters Patent.

Patented July 12, 1910.

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To all whom it may concern:

Be it known that I, ANTHONY KINOWSKI, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Match-Strikers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in match strikers.

The primary object of this invention is to provide a match striker which may be attached to the wearing apparel of any person so that it may be immediately used when occasion necessitates.

This striker is particularly adapted for use by miners, railroad men, and others whose vocation is such that it is necessary to have a match striker at all times convenient.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side elevation illustrating the application of the striker to a miner's cap; Fig. 2 is a plan view of Fig. 1; Fig. 3 is a transverse section taken on line 3—3 of Fig. 2; Fig. 4 is a bottom plan view of Fig. 3; Fig. 5 is a back elevation of a modified form of striker; Fig. 6 is a front elevation of Fig. 5; Fig. 7 is a vertical transverse section on line 7—7 of Fig. 5, with the parts represented on an enlarged scale; Fig. 8 is a detail perspective view, showing how the striker may form one member of a cuff button.

Referring to the drawings for a more particular description of the invention, the striker illustrated in Figs. 1 and 2 comprises a reinforcing or face plate 1, which may be formed of any suitable metal or other material possessing the requisite lightness and rigidity. This plate is provided at its edge with an inwardly turned annular bead or flange 2, which receives the edge of the striking disk 3 which is composed of a suitable compound capable of striking or igniting any of the various kinds of

matches now commonly in use. The face of the plate 1, opposite the bead or flange 2, is provided with an apertured lug 4 which is adapted to be attached to the top of the cap 5 by a fastening pin 6 inserted through the cloth or material forming the cap and through said apertured lug.

In the form of the invention illustrated in Figs. 3—6, the striker is approximately in the form of a campaign button and comprises the annular ring 7 within the flange 8 of which is arranged the curved portion, as 9, of the fastening pin 10. The reinforcing or face plate 11 is arranged in clamping engagement with the ring 7 and between said plate and the ring is arranged a holding ring 12, having an annular flange 13, which extends over the edge of the plate 11 and receives the edge of the striking disk 3 which is of the usual form. This form of striker is more particularly adapted to be worn on or attached to the vest or the lapel of the coat. If desired, the striking disk may form one member, as 14, of a cuff button (see Fig. 7).

Many instances have been recorded where miners have either been killed or seriously maimed by reason of their lamps being extinguished when in dangerous places in the mine, as for example, when on a grade upon which the cars travel, and by reason of their failure or inability to instantly strike a match to relight the lamp, the inability of the miner to strike the match being principally due to wet garments. By arranging my striker, however, in the cap of the miner, this difficulty is overcome and a means is provided whereby the match may be instantly struck or ignited whenever occasion necessitates. The strikers are also particularly adapted for use by brakemen and other railroad men in wet or icy weather.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claim.

Having thus described my invention, what I claim is:—

A match striker comprising a rigid disk having a match striking compound thereon,
5 a reinforcing plate arranged behind said disk, an annular flanged ring arranged behind said reinforcing plate, a detachable pin secured in said annular ring, and a removable resilient clamping ring arranged out-
10 side of and in engagement with said flanged ring and having an inwardly bent flange

extending over the edges of the reinforcing plate and adapted to retain said disk in engagement with the reinforcing plate.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses.

ANTHONY KINOWSKI.

Witnesses:

FREDERICK MARKWICK,
MICHAEL McHUGH.