Feb. 20, 1951 R. H. LOETHER 2,542,339

SAFETY MATCH PACK HOLDER

Filed May 19, 1948

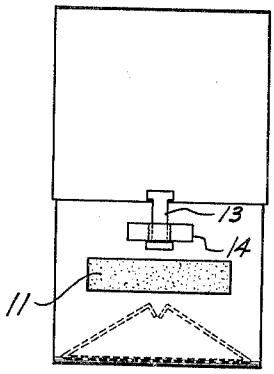


Fig. 1

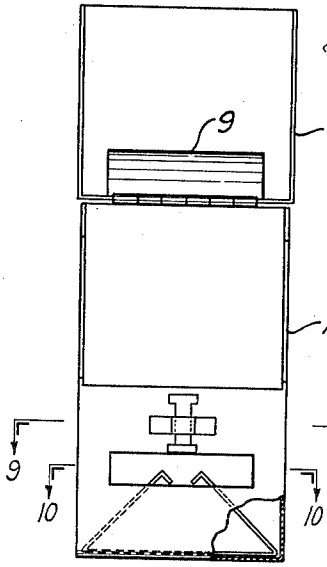


Fig. 2

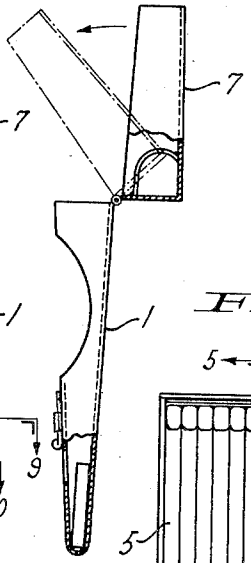


Fig. 3

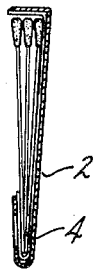


Fig. 5

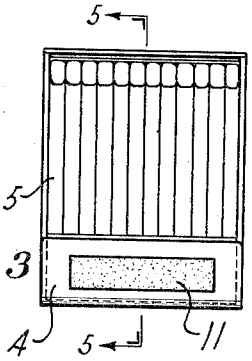


Fig. 4

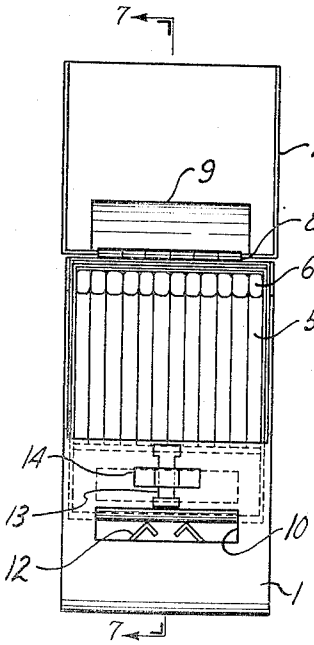


Fig. 6

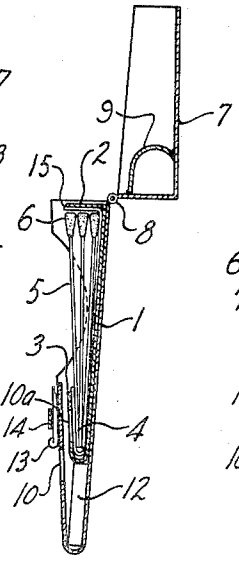


Fig. 7

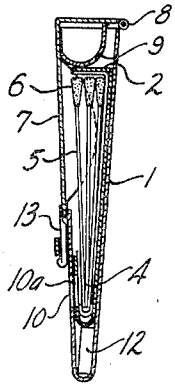


Fig. 8

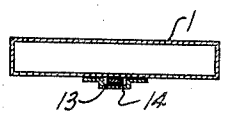


Fig. 9

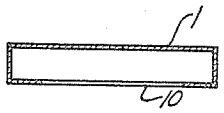


Fig. 10

INVENTOR.
Raymond H. Loether
BY
William B. Jaspert
Attorney.

Patented Feb. 20, 1951

2,542,339

UNITED STATES PATENT OFFICE

2,542,339

SAFETY MATCH PACK HOLDER

Raymond H. Loether, Pittsburgh, Pa.

Application May 19, 1948, Serial No. 27,859

3 Claims. (Cl. 206—33)

1

This invention relates to new and useful improvements in safety match holders, and it is among the objects thereof to provide a safety match holder which is fool-proof against ignition of packs of matches from sparks resulting when matches are stricken on the scratch surface.

It is a further object of the invention to provide a safety match pack container which is of simple, durable and light weight construction, and pleasing in design, in which safety match packs can be conveniently carried and safely used.

These and other objects of the invention will become more apparent from a consideration of the accompanying drawing, in which like reference characters designate like parts, and in which

Fig. 1 is a top plan view of a safety match pack holder embodying the principles of this invention;

Fig. 2 a similar view with the cover open and the lower left-hand corner partially cut away and shown in cross section;

Fig. 3 a side elevational view of Fig. 2;

Fig. 4 a front elevational view of a safety match pack with the cover removed enclosed in the case;

Fig. 5 a cross sectional view taken along the line 5—5, Fig. 4;

Fig. 6 a top plan view of the safety match pack holder with the cover raised;

Fig. 7 a cross sectional view taken along the line 7—7, Fig. 6;

Fig. 8 a cross sectional view of the safety match pack holder with the cover closed;

Fig. 9 a cross section taken along the line 9—9, Fig. 2; and

Fig. 10 a cross section taken along the line 10—10, Fig. 2.

In the drawing, the numeral 1 designates a substantially V-shaped housing of sheet metal, non-inflammable plastic or other light weight material, having a slide 2 mounted therein with a bent-over portion 3 for securing the bottom of a safety match pack 4 having paper match sticks 5 with the ignition heads 6. The housing or container 1 is provided with a cover 7 hinged at 8 and having a cam portion 9 which, when the cover 7 is closed, engages the end face of the match slide 2.

The container 1 is provided with a window 10 of substantially the dimensions of the scratching surface 11, Figs. 1 and 4, of the match pack 4. The slide 2 is similarly provided with a window 10a which registers with the window 10 in the down position of the slide as shown in Fig. 8.

2

The slide 2 is normally biased to the raised position by means of a spring 12 which is shown in its extended position in Fig. 7 and in its contracted position in Fig. 8. The cover 7 is held in closed position by a latch which consists of a slide 13 operable in a strap 14, as is more clearly shown in Fig. 9 of the drawing. In the use of the safety match pack holder the match pack 4 is inserted in the slide 2 as shown in Fig. 5, and the front cover or flap of the match pack is torn off at the top, for which purpose the upper end of the slide 2 is chamfered to form a sharp edge as shown at 15, Fig. 7. When thus assembled in the slide with the cover 7 in open position as shown in Figs. 6 and 7, the spring 12 is fully extended to bias the slide to the upper position. In this position, as is clearly evident in Figs. 6 and 7, the scratching surface 11 of the match pack is out of alignment with the window 10 of the case 1. When the cover 7 is closed, the cam surface 9 engages the upper end of slide 2 and moves it down by depressing spring 12, and when the cover is fully closed, as shown in Fig. 8, with the latch 13 in locking position, the scratching surface 11 will be in register with the window 10 of the casing 1.

In use the cover is unlatched, then raised, which moves the slide 2 to the upper position; a match stick 5 is then removed, and the cover is closed and latched to bring the scratching surface 11 in register with the window 10 for the purpose of striking the match with full safety, as there is no possibility of sparking which would flash the ignition heads of all of the matches as is frequently the case in the use of conventional paper match packs.

Although one embodiment of the invention has been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

I claim:

1. In a safety match pack holder, a housing complementary in shape to a safety match pack having a cover hinged at the upper end thereof, a slide for receiving a safety match pack mounted in said housing having a spring normally biasing the same against the upper end of the housing, said housing having a window for exposing the scratching surface of the safety match pack when in alignment therewith, and a cam on the cover for engaging the upper end of the slide to displace the slide and match pack to the lower position in the housing when the cover is

closed, whereby the scratching surface of the match pack is brought in register with the window of the housing.

2. A safety match pack holder comprising a substantially V-shaped housing having one wall open to expose the match sticks of a safety match pack, said open wall having a window therein for exposing the scratching surface of the safety match pack, and said housing having a cover hinged thereto, a container for securing the match pack slidably mounted in said housing, a spring normally biasing the same to the upper position in said housing, and a cam on the cover adapted to engage the sliding container, whereby to displace the same upon the closing of the cover to cover the safety match sticks and bring the scratching surface of the match pack in register with the housing window.

3. A safety match pack holder comprising a substantially V-shaped housing having one wall open to expose the match sticks of a safety match pack, said open wall having a window therein for exposing the scratching surface of the safety

match pack, said housing having a cover hinged thereto, a container for securing the match pack slidably mounted in said housing, a spring normally biasing the same to the upper position in said housing, and a cam on the cover adapted to engage the sliding container, whereby to displace the same upon the closing of the cover to cover the safety match sticks and bring the scratching surface of the match pack in register with the housing window, said housing having means for latching the cover in its closed position.

RAYMOND H. LOETHER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,115,175	Crockett	Oct. 27, 1914
1,726,843	Kornsweet	Sept. 3, 1929
2,311,072	Musson	Feb. 16, 1943
2,329,175	Gits	Sept. 14, 1943