

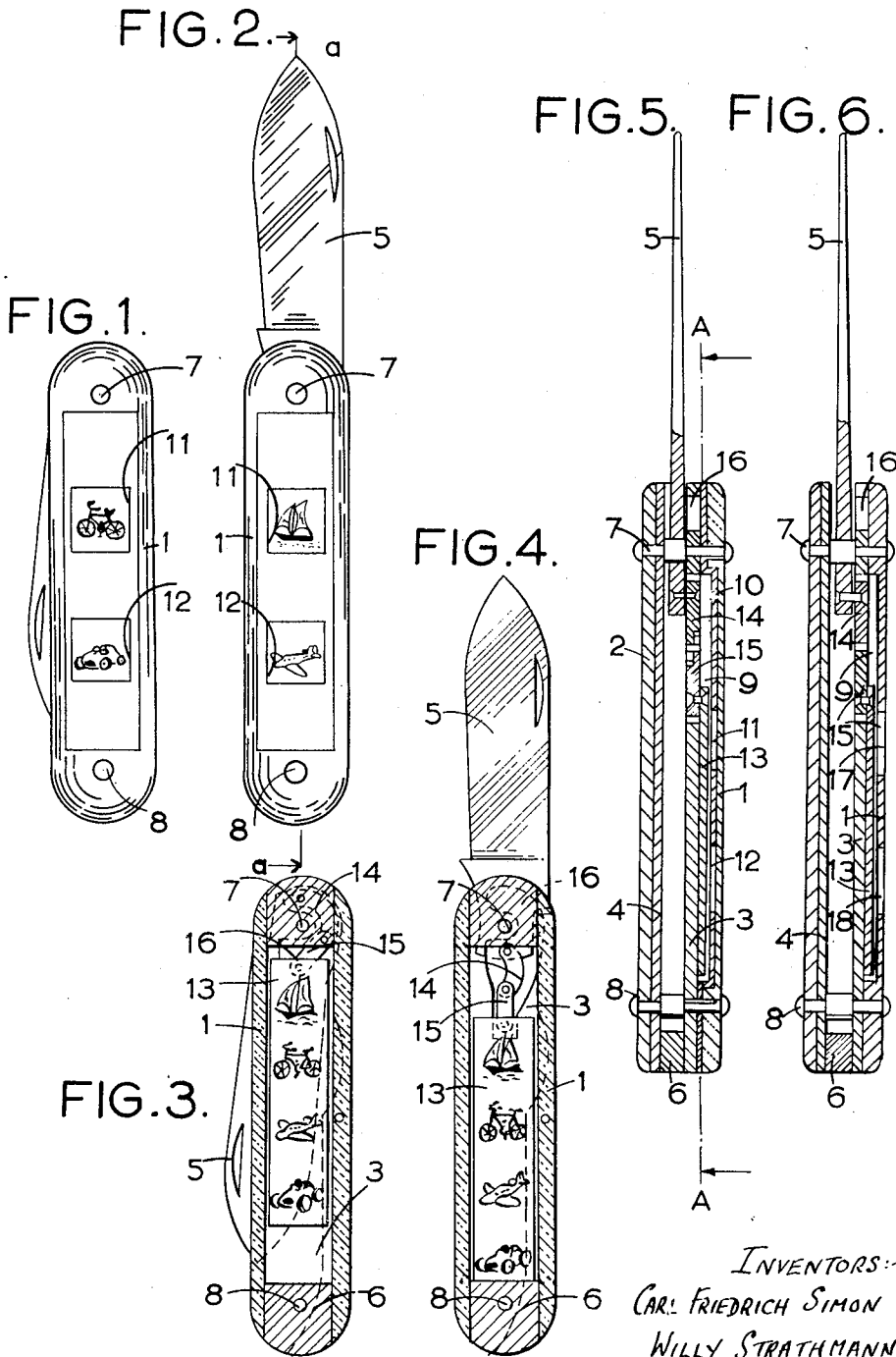
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POCKET KNIVES

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POCKET KNIVES

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3 Claims. (Cl. 30—123)

This invention relates to pocket knives with one or more blades, its object being to provide improved constructions in which advertising matter, such as pictorial illustrations or texts, is visible thereon and is changed when the pocket knife blades are opened and closed.

According to the present invention the advertising matter is carried on a slidable plate arranged in a recess between one frame plate and a corresponding side plate of the pocket knife made of transparent material or having windows therein. The slidable plate is coupled by links to the tang of the knife blade so as to move longitudinally as the blade is opened and closed.

When the blade is moved from closed to open position, or vice versa, the illustrations or texts which were previously hidden become visible, or vice versa.

The invention can also be applied to knives the blades of which are placed under the tension of a spiral spring arranged to pull the blade into open position.

The invention is illustrated in two embodiments in the accompanying drawings, in which:

Fig. 1 shows a first embodiment of pocket knife, seen in plan view and with the blade closed. Fig. 2 shows the same pocket knife in plan view with the blade opened. Fig. 3 shows the same knife with closed blade and seen in sectional view on the line A—A of Fig. 5. Fig. 4 shows the same knife with opened blade and seen in sectional view on the line A—A of Fig. 5. Fig. 5 shows the same knife, to an enlarged scale, seen in section on the line a—a of Fig. 2. Fig. 6 shows in central longitudinal section a second embodiment of pocket knife, one side plate of which has window-like openings.

In Figs. 1 to 5, 1, 2 indicate transparent side plates secured on frame plates 3, 4, and 5 is a blade of the pocket knife operating under the action of a leaf spring 6.

The frame plates and side plates are secured together by means of rivets 7, 8. A recess 9 is provided at the underside of the plate 1, and for the purpose of partial masking there is provided also a thin-walled opaque plate 10 having window-like openings 11, 12. A plate 13, which in the embodiment illustrated carries the picture of a bicycle, an automobile, a sailing boat and an aeroplane is longitudinally slidable in the recess 9 and is coupled to the blade 5 by means of two linking levers 14, 15 which move in an aperture 16 of the frame plate 1. Upon opening of the knife blade 5 the plate 13 is moved in the recess 9 such that the pictures of a bicycle and an automobile hitherto visible in the window-like openings 11, 12 of the masking plate 10 move behind the plate 10 and are replaced by illustrations of a sailing ship and aircraft. Upon closing the knife blade 5, the plate 13 is pushed back again into the original position, whereby the original pictures become visible in the window-like openings 11, 12 of the plate 10.

Thus, in this embodiment the slidable plate carrying the advertising matter moves behind a masking plate in the windows of which one or the other portion of the advertising matter is displayed according to whether the knife

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blade is in open or closed position. The external portions of the handle of the knife, i. e. the two frame plates 1, 2 are transparent and so do not obscure visibility of the windows and the advertising matter appearing therein.

In the second embodiment of the invention, hereinafter described with reference to Fig. 6, the two frame plates are made non-transparent and are provided with windows so that there is now no need for a masking plate, the frame plate 1 serving for the same purpose. The arrangement of the parts is otherwise exactly as in the embodiment of Figs. 1 to 5.

We claim:

1. A pocket knife comprising two frame plates secured together in spaced and parallel position, one of said frame plates being apertured, a pivot between the frame plates near one end thereof, a tanged knife blade pivotally mounted on the pivot between the frame plates for movement between closed and open positions, a side plate of opaque material having two openings therein to form windows secured externally on and in contact with the apertured frame plate and defining therewith a longitudinal recess into which the windows open, a movable plate bearing representations of advertising matter arranged in said recess and longitudinally slidable therein such that in the limit positions of sliding of the plate within the recess different portions of the advertising matter thereon become visible in the windows of the side plate, and connecting linkage disposed movably in the aperture of the frame plate and connected pivotally to the tang of the knife blade and to the slidable plate, whereby movement of the blade between its open and closed positions causes movement of the slidable plate to display different portions of the advertising matter in the windows.

2. A pocket knife comprising two frame plates secured together in spaced and parallel position, one of said frame plates being apertured, a pivot between the frame plates near one end thereof, a tanged knife blade pivotally mounted on the pivot between the frame plates for movement between closed and open positions, a masking plate of opaque material having two openings therein to form windows secured externally on and in contact with the apertured frame plate and defining therewith a longitudinal recess into which the windows provide an opening, a transparent side plate secured externally on the masking plate, a movable plate bearing representations of advertising matter arranged in said recess and longitudinally slidable therein such that in the limit positions of sliding of the movable plate within the recess different portions of the advertising matter thereon become visible in the windows of the masking plate, and connecting linkage disposed movably in the aperture of the frame plate and connected pivotally to the tang of the knife blade and to the slidable plate, whereby movement of the blade between its open and closed positions causes movement of the slidable plate to display different portions of the advertising matter in the windows.

3. A pocket knife comprising two frame plates secured together in spaced and parallel position, one of said frame plates being apertured, a pivot arranged between the frame plates near one end thereof, a tanged knife blade pivotally mounted on the pivot between the frame plates for movement between closed and open positions, a leaf spring secured between the frame plates and abutting against the knife blade adjacent its pivot for urging the knife blade to snap into its closed and open positions, a side plate of opaque material having two openings therein to form windows secured externally on and in contact with the apertured frame plate and defining therewith a longitudinal recess into which the windows provide an opening, a movable plate bearing representations of advertising matter arranged in said recess and longitudinally slidable therein such that in the limit positions of sliding

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of the plate within the recess different portions of the advertising matter thereon become visible in the windows of the side plate, and connecting linkage disposed movably in the aperture of the frame plate and connected pivotally to the tang of the knife blade and the movable plate, whereby movement of the blade between its open and closed positions causes movement of the slidable plate to display different portions of the advertising matter in the windows.

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