No. 633,854. Patented Sept. 26, 1899.

E. KÜHN.

POCKET KNIFE.

(Application filed Nov. 21, 1898.)

(No Model.)

Fig. 2.

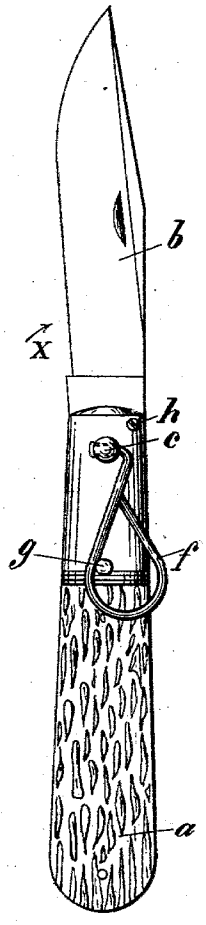


Fig. 1.

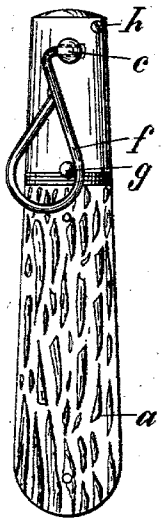
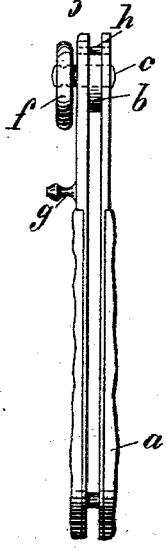


Fig. 3.



Witnesses.
Julius Lutz
Chas. B. Reeves.

Inventor:
Ernst Kühn
By Munn & Co.
Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ERNST KÜHN, OF UNTENKATTERNBERG, GERMANY.

POCKET-KNIFE.

SPECIFICATION forming part of Letters Patent No. 633,854, dated September 26, 1899.

Application filed November 21, 1898. Serial No. 697,006. (No model.)

To all whom it may concern:

Be it known that I, ERNST KÜHN, a subject of the King of Prussia, German Emperor, residing at Untenkatternberg, near Solingen, in the Kingdom of Prussia, Germany, have invented certain new and useful Improvements in Pocket-Knives, (for which I have applied for patents in Germany July 30, 1898, and in England October 27, 1898,) of which the following is a specification.

This invention consists of a pocket-knife in which a very simple substitution is provided for the springs usually employed and by which device the knife-blade can be held firmly in position.

The invention is illustrated in the accompanying drawings, in which—

Figures 1 and 2 are side views of the knife in the closed and open position, respectively, and Fig. 3 is a back view of the knife in the half-open position.

a is the knife-handle; *b*, the blade; *c*, a pin to which the blade is firmly attached and which carries on the outside of the knife-handle a loop, clip, or eye *f*, the end of which is free to turn therein.

g is a projecting knob over the head of which the loop, clip, or eye *f* can be made to catch. To prevent the blade moving too far in the direction of the arrow *k*, a check-pin *h* is fixed at a little distance sidewise from the pin *c*, as shown.

The method of opening and closing the knife is very simple. In order to open the knife, the loop, clip, or eye *f* is first lifted over the knob *g*, when by turning the said loop, clip, or eye the pin *c*, carrying the blade *b*, is turned. When the blade has reached the position shown in Fig. 2, the clip is again pressed down over the knob *g*, by which means the blade is held firmly in the open position. The loop, clip, or eye being movable in the end of the pin *c*, a slight spring is obtained, causing it to catch firmly on the knob *g*.

The opening of pocket-knives, which is often very troublesome, will be greatly facilitated by the present invention, and a very considerable reduction in the cost of manufacture is obtained by dispensing with the springs which are usually employed in pocket-knives.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. In a pocket-knife, the combination of a handle, a blade pivoted therein, and an arm mounted on the pivot of the blade to swing therewith and capable of locking the blade in an open or closed position, substantially as described.

2. The combination of the knife-handle, the blade mounted to swing therein, and a member carried by the pivot of the blade to move with the blade, such member serving to engage the handle to hold the blade in either of its two positions, substantially as described.

3. The combination of the knife-handle, the blade mounted to swing therein, and a spring-loop pivotally carried on the pivot of the blade and turning with said pivot, the loop being adapted to engage the handle to hold the blade in either of its two positions, substantially as described.

4. The combination of the knife-handle, the blade mounted to swing therein, and a spring-loop carried by the pivot of the blade and moving with the same, a pin formed on the handle and adapted to be engaged by the loop, whereby to hold the blade in either of its two positions, substantially as described.

5. In a pocket-knife, the combination of a handle, a blade pivoted therein, and an arm connected with the blade and serving as a means for moving and holding the blade.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

ERNST KÜHN.

Witnesses:
EMIL KÜHN,
KARL KÜHN.