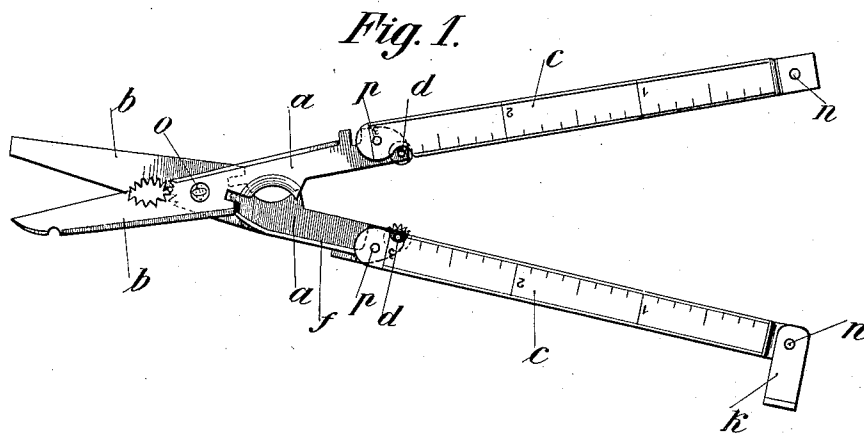
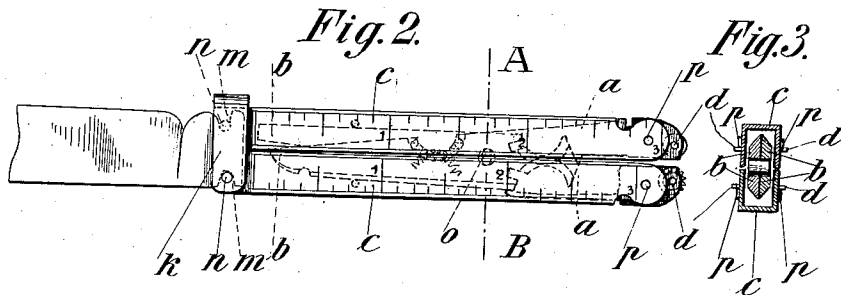


No. 858,003.

PATENTED JUNE 25, 1907.

F. W. KLEVER.  
POCKET TOOL SCISSORS.  
APPLICATION FILED AUG. 9, 1906.



Witnesses:  
*Adalbert Müller*  
*Harold Baron.*

Inventor:  
*Friedrich Wilhelm Klever*

# UNITED STATES PATENT OFFICE.

FRIEDRICH WILHELM KLEVER, OF SOLINGEN, GERMANY.

## POCKET-TOOL SCISSORS.

No. 858,003.

Specification of Letters Patent.

Patented June 25, 1907.

Application filed August 9, 1906. Serial No. 329,853.

*To all whom it may concern:*

Be it known that I, FRIEDRICH WILHELM KLEVER, manufacturer, a subject of the German Emperor; and a resident of Wiesenstrasse 14, Solingen, Germany, have invented certain new and useful Improvements in Pocket-Tool Scissors, of which the following is a specification.

The invention relates to a pair of pocket scissors fitted with useful tools and so adapted as to serve when closed as a handle part for other separable tools.

To the scissors are attached by means of hinges handle parts which being hollow, fold over the scissors when the same are closed and permit them to be carried in the pocket without danger or inconvenience.

In the drawing:—Figure 1 shows a view of the scissors when open and ready for use. Fig. 2 shows a view of the pocket scissors when closed, with a knife blade inserted and firmly attached. Fig. 3 shows a cross section on line A B of Fig. 2.

The continuations *a* of the blades *b* are hinged by means of pins *p* to the handle parts *c*. When the scissors are in use as in Fig. 1 the handle parts *c* press against the pins *d* which are situated on the blade extensions a little farther than the pivots *p* from the fulcrum of the scissors.

The scissors are adapted to be used for many different purposes, such as screw-driver, cigar-cutter, pipe-pliers, wire-cutter, nail-file, glass-cutter, glass-breaker, perforating wheel, ruler and measure. Further, the handle parts can be used as measure and hammer and serve for the insertion of many useful tools which are separable from the actual pocket scissors but adapted to be used with them.

The blades are loosely attached to one another at the fulcrum *o*, which is formed so that they can be detached from one another at this point when at right angles. In order to close the scissors the handle parts *c* are bent over the blades, and pressed together against the action of the spring *f*. The col-

lar *k*, which is hinged at the end of one of the handle parts, is then turned over the other handle part, so that the scissors are held fast together inside the handle parts. In this position they can be carried in the pocket without the possibility of harm or inconvenience arising from them. The collar is thickened at the end so that it can be used as a hammer. Since the handle parts are hollow and fold over the blades, so that the latter are inclosed within the former, the scissors when closed take up little space, and can be conveniently carried in the pocket. The handle parts *c* when the scissors are closed serve for the insertion of other tools such as knife blades, saws, files and the like. The base of the tool has a notch at each side as at *m* in Fig. 2 and is inserted through the collar *k* so that the pins *n* fit into the notches *m*. When the collar *k* is turned down over the other handle part, the tool is held firmly in position by the two handle parts and is ready for use.

The advantage of the above described folding pocket scissors is that it contains in itself many useful tools, and can be readily fitted with other and larger tools provided for the purpose, and for which the folded scissors serve as a handle part.

What I claim as my invention and desire to secure by Letters Patent is:—

In a pair of pocket scissors with two hollow handle parts folding over the blades, the combination of pins at the end of each handle part, of tools provided with notches in their base ends adapted to fit behind said pins, and a collar hinged on one handle part adapted to fold over the other handle part and hold the said tools in position, substantially as described, and for the purpose specified.

In testimony whereof I have hereunto signed my name this 15th day of June, 1906, in the presence of two subscribing witnesses.

FRIEDRICH WILHELM KLEVER.

Witnesses:

WILLIAM ESSENWEIN,  
ALFR. POHLMIGLEY.