

No. 817,250.

PATENTED APR. 10, 1906.

E. KAUFMANN.
KNIFE CASING.

APPLICATION FILED JULY 11, 1905.

Fig.1.

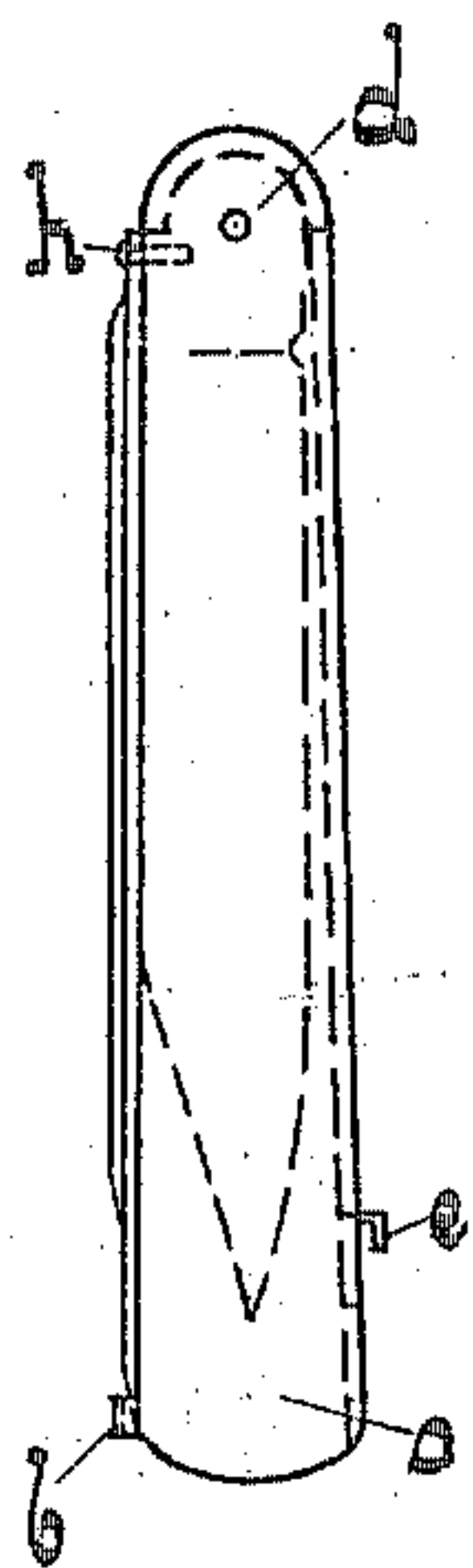


Fig.2.

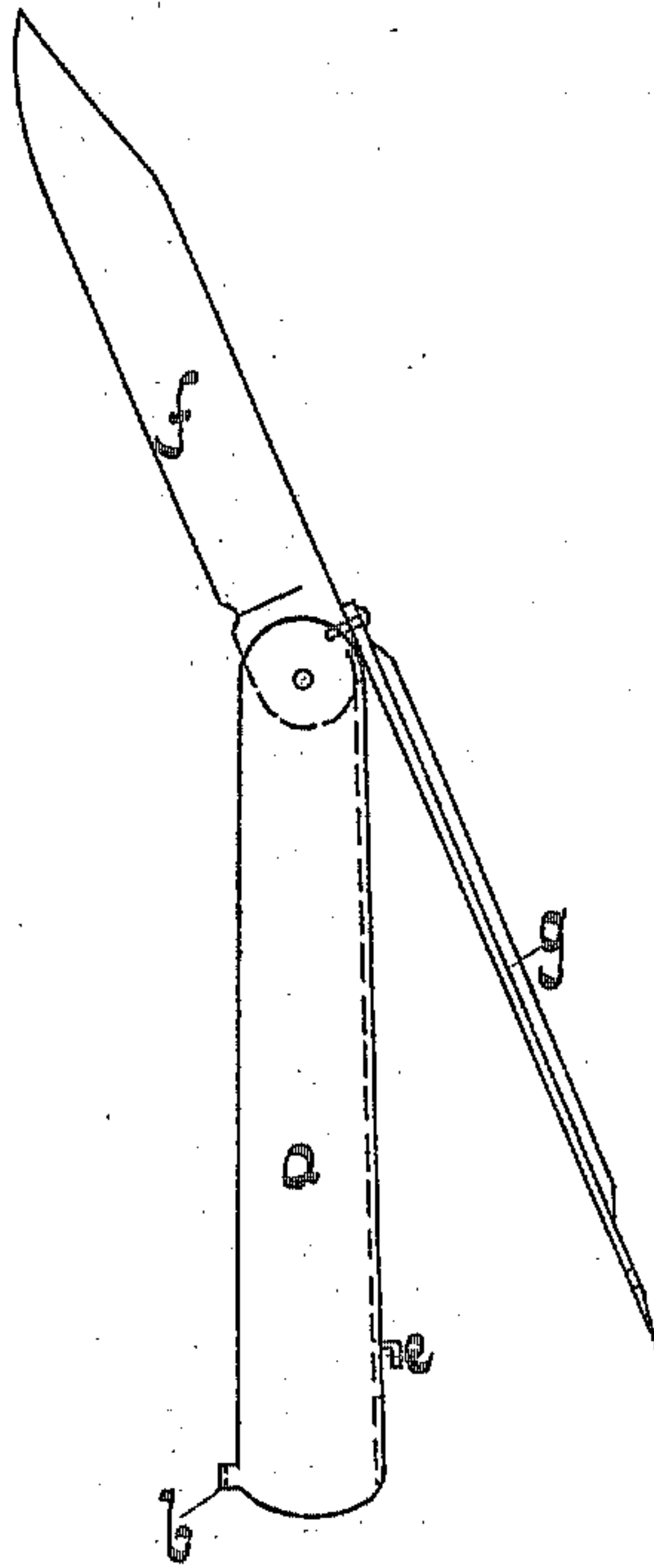


Fig.3.

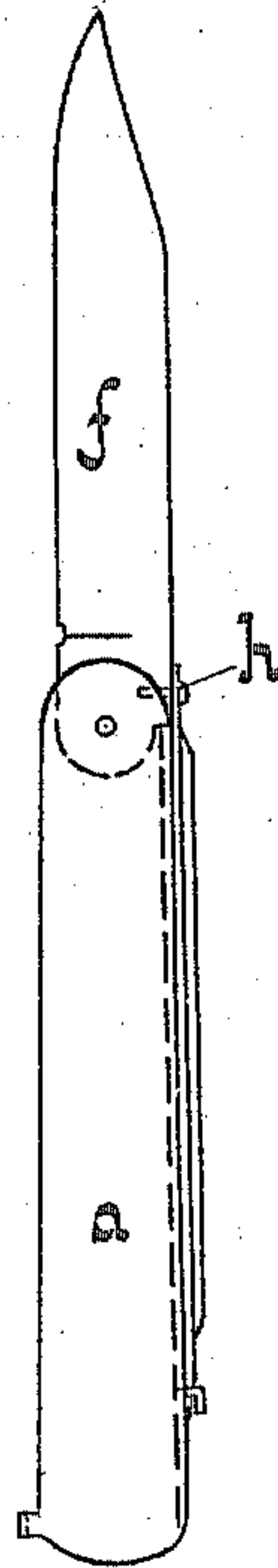


Fig.4.

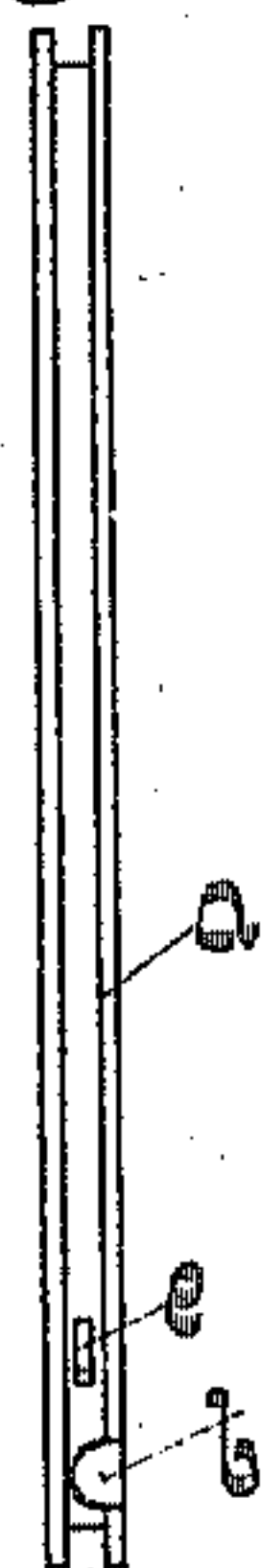
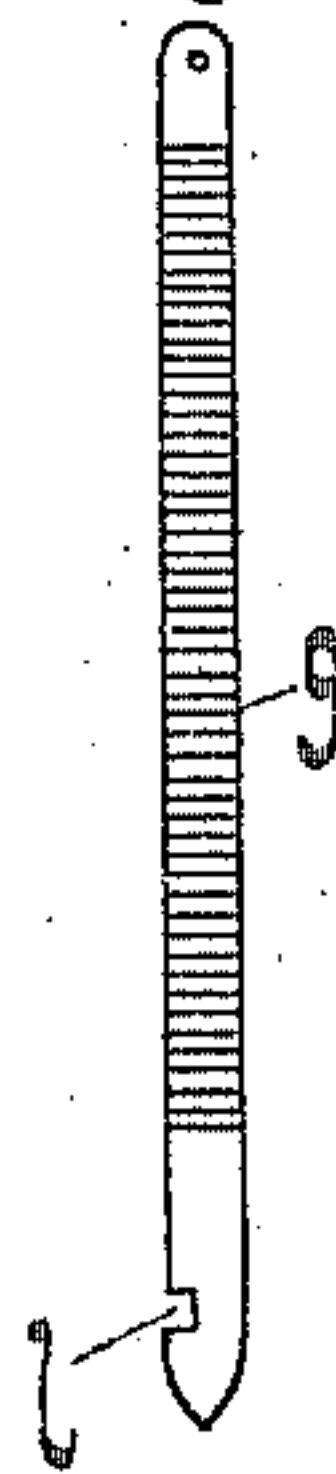


Fig.5.



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KNIFE-CASING.

No. 817,250.

Specification of Letters Patent.

Patented April 10, 1906.

Application filed July 11, 1905. Serial No. 269,185.

To all whom it may concern:

Be it known that I, ERNST KAUFMANN, a subject of the German Emperor, and a resident of Solingen, Germany, have invented a certain new and useful Improvement in Knife - Casings, of which the following is a specification.

The present invention relates to a knife-casing; and the improvement resides in the feature that the lugs or projections holding the blade in the final positions of its movement are formed integral with the casing.

The invention is illustrated, by way of example, in the annexed drawings, which show the application of the invention to a springless knife which is opened or closed by means of a nail - file attached to the back of the blade. The nail - file engages beneath the bent hook or projecting lug on the knife-casing, and so locks the blade in position.

Figure 1 shows the knife in closed position. Fig. 2 shows the same half opened, and Fig. 3 shows the knife fully opened. Fig. 4 is a front view of the knife, and Fig. 5 shows the file.

The knife-casing *a* is, with the lugs *b* *e*, stamped from one piece of sheet metal and then bent into U form. The lug *b* is bent from a tongue projecting from the edge of the metal and lies in front of the open side of the knife-casing. The lug *e* is stamped out from the back of the knife-casing and bent into hook form. The pivot *d* of the blade forms the only rivet of the knife, while the nail-file *g* is secured, by means of a small screw *h*, to the back of the blade *f*. In out-of-use position the file is in front of the open side of the knife-casing, its point being covered by the projection *b*, so that the knife will not open

of itself. When it is desired to open the knife, the file is turned on its pivot, the screw *h*, through an angle of one hundred and eighty degrees, so that it forms a prolongation of the blade *f*. Now the blade and file are turned together round the rivet *d* as a pivot, this movement taking place in a plane perpendicular to the line of movement just taken by the file, and the knife is thus opened. In the opened position the file lies against the back of the knife-casing and is held in this position by the projection *e*, which engages the notch *l* in the file. On closing the file the reverse movements take place.

The knife above described is given as an example showing the application of a knife-casing having the projecting lugs integral therewith. The lugs might be otherwise disposed according to the construction of the knife.

I make no claim to the pivotal arrangement of the blade and file as such; but my invention consists in forming the knife-casing and the projecting lugs in one piece.

Having now described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

A knife-casing carrying a blade and file, said casing having a projecting front lug *b* and a projecting rear lug *e*, said lugs adapted to engage the file and hold the blade in its open and closed position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ERNST KAUFMANN.

Witnesses:

VICTOR W. HELDT,
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