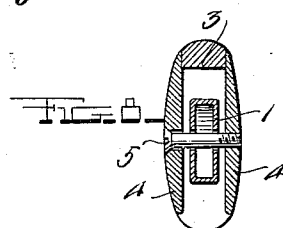
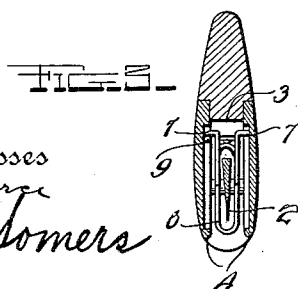
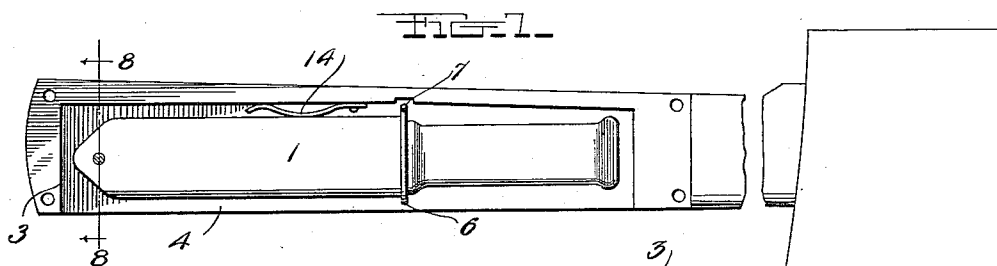
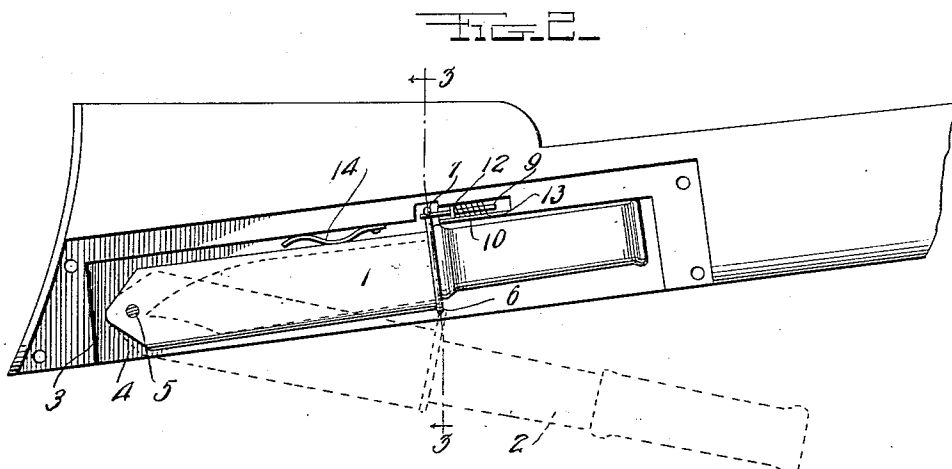
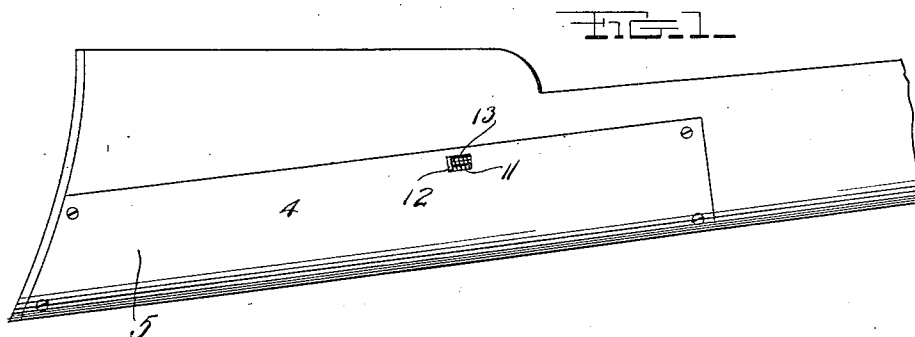


A. J. ESLICK, JR.
 TOOL HOUSING.
 APPLICATION FILED JULY 13, 1911.

1,028,008.

Patented May 28, 1912.
 2 SHEETS—SHEET 1.



Witnesses
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Wm. Somers

Inventor

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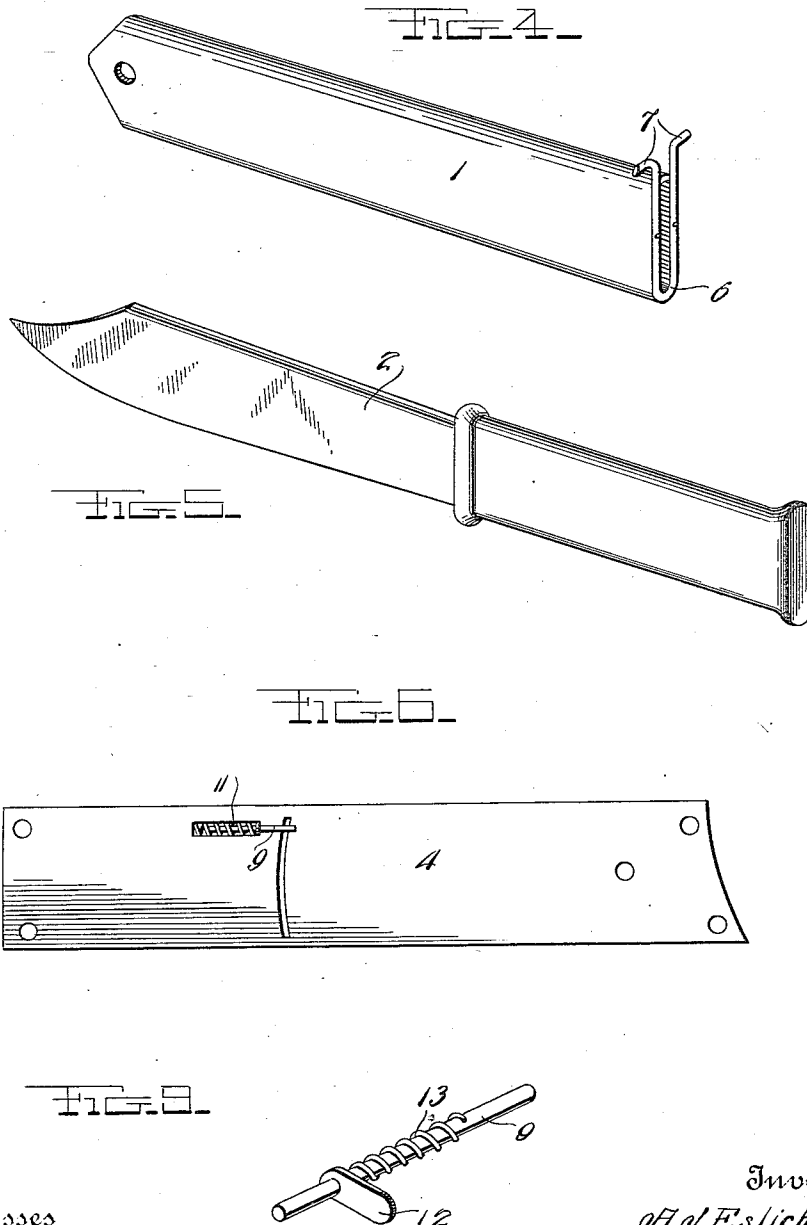
Attorneys

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2 SHEETS-SHEET 2.



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UNITED STATES PATENT OFFICE.

ALBERT J. ESLICK, JR., OF GOLDEN, COLORADO.

TOOL-HOUSING.

1,028,008.

Specification of Letters Patent.

Patented May 28, 1912.

Application filed July 13, 1911. Serial No. 638,312.

To all whom it may concern:

Be it known that I, ALBERT J. ESLICK, JR., a citizen of the United States, residing at Golden, in the county of Jefferson and State of Colorado, have invented a certain new and useful Improvement in Tool-Housings; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in tool housings or storage receptacles.

One object of the invention is to provide a knife or other implement having a case or sheath adapted to be housed in the handle or other portion of another tool or object and to be swung into and out of the tool or other object to permit the removal and insertion of the knife, means being provided for locking the sheath or case of the knife in a retracted position and for limiting the outward movement of the same.

With this and other objects in view the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings: Figure 1 is a side view of a gun stock embodying the invention. Fig. 2 is a similar view with one of the supporting plates removed and the knife sheath shown swung outwardly in dotted lines to permit the removal or insertion of the knife. Fig. 3 is a cross sectional view on the line 3—3 of Fig. 2; Fig. 4 is a detail perspective view of the knife case or sheath removed; Fig. 5 is a similar view of the knife; Fig. 6 is an inner side view of one of the plates showing the arrangement of the locking pawl and guide groove of the knife sheath. Fig. 7 is a view similar to Fig. 2 showing the knife applied to the handle of an ax. Fig. 8 is a cross sectional view on the line 8—8 of Fig. 7; Fig. 9 is a detail perspective view of the spring-catch for holding the case in a retracted position.

Referring more particularly to the drawings 1 denotes a sheath or knife case which is adapted to receive the blade of the knife 2 forming part of the invention. The sheath or case 1 is adapted to be engaged with a gun stock, ax handle or other object with which the knife is combined. In applying the case or sheath 1 to the object the

latter is provided in one side with a recess or pocket 3 of sufficient size to receive and entirely inclose the case or sheath and the projecting end of the knife handle engaged therewith. To the opposite sides of the object with which the knife is combined are secured sheath supporting plates 4, said plates covering the sides of the recess 3 and may if desired be set into the sides of the object and thus form a flush engagement with the outer surface of said side. The space between the lower or outer edges of the plates forms a slot through which the case may be swung to permit the removal and insertion of the knife. The handle of the knife is preferably flat in shape to permit the same to readily enter the limited space between the supporting plates 4 of the case.

The inner end of the case or sheath 1 is pivotally connected between the plates 4 adjacent to one end of the recess 3 by a pivot screw 5 which is inserted through a smooth aperture in one of the plates 4 and through a smooth aperture in the inner end of the sheath and is adapted to be screwed into engagement with a threaded aperture formed in the opposite supporting plate. On the open free end of the sheath or case 1 is secured a U shaped spring metal case retaining member 6 the ends of which extend laterally outward and project a suitable distance beyond the inner edge of the sheath or case 1 to form retaining lugs 7 which are slidably engaged with segmental grooves formed on the inner surface of the supporting plates 4, said grooves terminating a short distance from the outer edges of the plates, thus forming stop shoulders 4' which are adapted to be engaged by the lugs 7 when the case or sheath is swung outwardly thus limiting the outward movement of the sheath.

The sheath or case is locked in an operative position in the recess 3 by means of a spring projected locking pin or bolt 9 which is arranged in a suitable groove or recess 10 formed in one side of the object with which the knife is combined preferably near the upper edge thereof. In the plate 4 opposite the recess 10 is formed a slot 11 through which is adapted to project a bolt retracting finger 12 the inner end of which is rigidly secured to the bolt in any suitable manner. On the bolt 9 between the finger 12 and a suitable stop arranged on the plate 4 is a coiled bolt projecting spring 13, by

means of which the bolt is projected and held in position to be engaged by one of the lugs 7 on the inner ends of the U-shaped sheath retaining member 6, said lug being
 5 beveled to permit the same to spring into engagement with the end of the bolt 9 when the sheath is swung inwardly to a closed position.

10 In order to facilitate the outward movement of the sheath or case when released from the locking bolt 9, I provide a bowed sheath projecting spring 14 one end of which is secured to the inner wall of the recess 3 as shown.

15 In the first three figures of the drawing the knife is shown as being applied to or combined with the stock of a gun and in Figs. 8 and 9 of the drawing the knife is shown as being applied to or combined
 20 with the handle of an ax. It is obvious however that the knife when constructed and arranged as herein shown and described may be combined with the handle or other part of other tools or objects the structure of which is suitable for the application
 25 of the knife in the manner described.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the
 30 invention may be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the
 35 principle or sacrificing any of the advantages of the invention as claimed.

Having thus described my invention, what I claim is:

40 1. A supporting structure having a pocket therein open at one side and provided with

a stop near the edge of said open side, a member pivotally mounted at one end in said pocket with its other end adapted to swing through said open side, a retaining
 45 element secured to the free end of said member and having a lateral extension for engaging said stop to limit the outward movement of said member and means for
 50 coaction with said element for holding said member housed within said pocket.

2. In a device of the class described, the combination with a supporting member having a pocket formed therein with the side
 55 walls of said pocket provided with transversely arranged segmental grooves terminating near the outer edges thereof, forming stop shoulders, a knife sheath pivotally
 60 mounted at its closed end in the side walls of said pocket and adapted to be swung into and out of said pocket, a U-shaped retaining member secured to the open free end of
 65 said sheath and having outwardly projecting lateral lugs on the free ends of its legs, said lugs having a sliding engagement with the segmental grooves in said pocket wall, whereby the outward movement of the
 70 sheath is limited by the engagement of said lugs with said stop shoulders, and a spring projected locking bolt mounted to engage one of the lugs of the retaining member to lock said sheath in retracted position within said pocket.

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

ALBERT J. ESLICK, JR.

Witnesses:

J. LOFTON DAVIDSON,
 EVEART L. OSTRANDER.