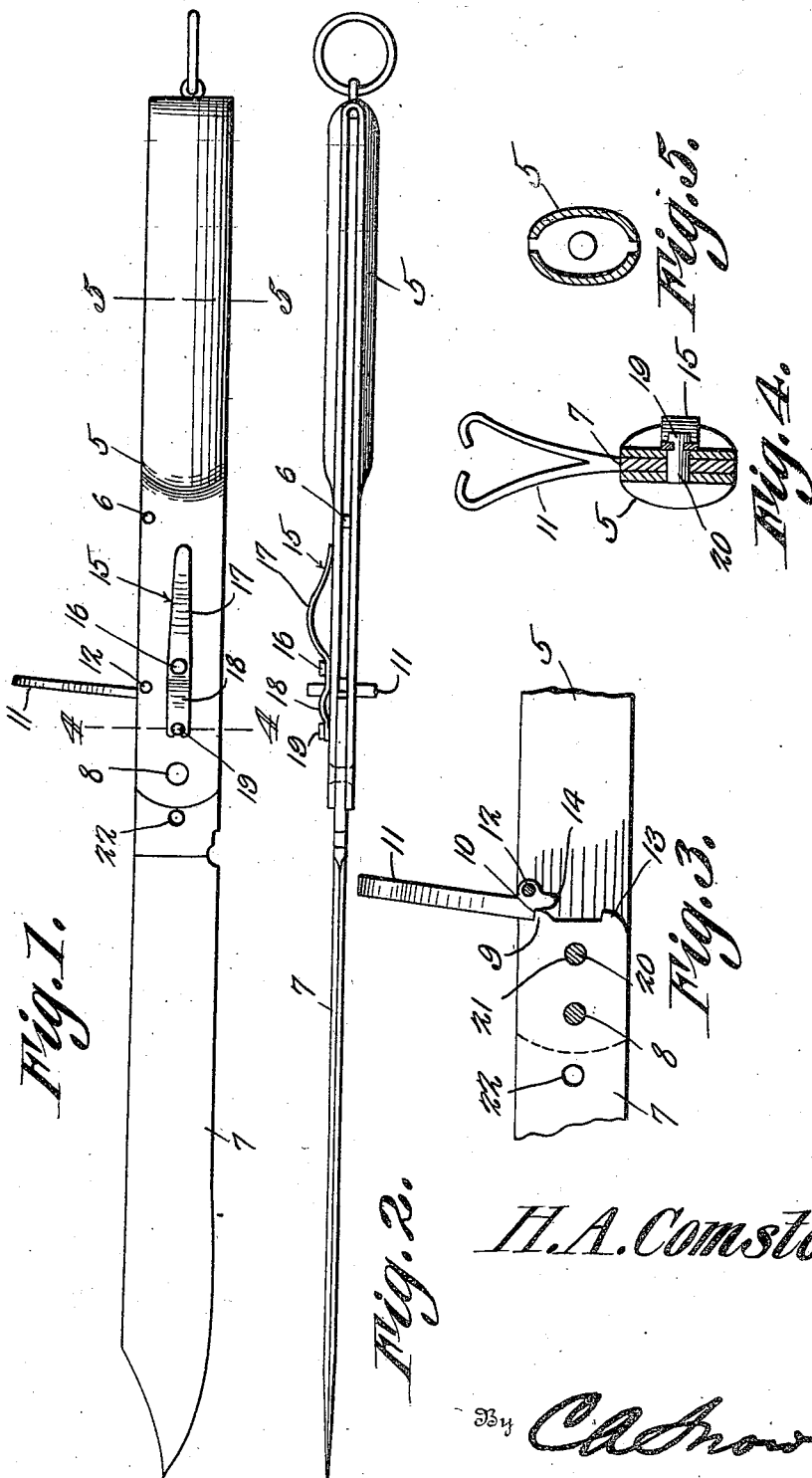


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H. A. COMSTOCK.
KNIFE.
FILED APR. 17, 1922.

1,443,701.



H. A. Comstock

Inventor

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UNITED STATES PATENT OFFICE.

HIRAM A. COMSTOCK, OF THOMASTON, MAINE.

KNIFE.

Application filed April 17, 1922. Serial No. 553,658.

To all whom it may concern:

Be it known that I, HIRAM A. COMSTOCK, a citizen of the United States, residing at Thomaston, in the county of Knox and State of Maine, have invented a new and useful Knife, of which the following is a specification.

This invention relates to cutlery and aims to provide novel means for protecting the cutting edge of the blade of a knife against contact with material to dull the cutting edge, when the knife is not in use.

Another object of the invention is to provide a knife wherein the blade may be moved to a position within the handle, novel means being provided for locking the blade in such position.

A still further object of the invention is to provide a guard or support for the knife to hold the blade thereof out of contact with the surface on which the knife is positioned, the guard being of a structure to automatically move to its active position with the moving of the blade to its open position.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:—

Figure 1 is a side elevational view of a knife constructed in accordance with the present invention and disclosing the blade moving to its active position.

Figure 2 is a view disclosing the back of the knife when the blade is in its active position.

Figure 3 is a fragmental elevational view disclosing the connection between the handle and blade, one section of the handle being removed.

Figure 4 is a sectional view taken on line 4—4 of Figure 1.

Figure 5 is a sectional view taken on line 5—5 of Figure 1.

Referring to the drawing in detail, the reference character 5 designates the handle portion of the knife, which may be of any suitable construction, but in the present showing is in the form of a length of sheet

metal, bent intermediate its ends to provide the sides of the handle, which sides are held in spaced relation as by means of a transversely extending pin 6. The blade is indicated at 7 and may be of any desired construction, the same being shown as pivotally supported between the side members of the handle 5, as by means of the pivot pin 8.

Formed on the inner end of the blade 7 is an ear 9 adapted to contact with the wall 10 of the guard 11, which is shown as pivotally supported between the side members of the handle as at 12. An ear 13 is formed on the blade 7 adjacent to the lower edge thereof, which ear is adapted to contact with the extension 14 of the guard 11 when the blade is moving to its closed position to the end that the guard is returned to its inactive position, automatically. The engagement of the ear 9 with the shoulder 10, automatically moves the guard 11 to its active position, when the blade is moved from a position within the handle portion.

The locking structure embodies an arm indicated at 15 secured to the handle as at 16, the arm being formed with curved portions 17 and 18 respectively, which curved portions lie in spaced relation with the handle, to cause the outer end of the arm to move away from the handle portion when the thumb of the user of the knife is pressed on the curved portion 17. The outer end of the arm 15 is bifurcated to fit under the head 19 of the pin 20, whereby movement of the arm as described, will result in the pin 19 being moved within its opening, it being understood that openings are formed in the handle, which openings may register with openings 20 and 21 of the blade, for holding the blade in either its open or closed position.

Having thus described the invention, what is claimed as new is:—

1. A knife comprising a handle portion, a blade pivotally connected to the handle portion, and having openings disposed on opposite sides of its pivot, a movable pin carried by the handle portion and adapted to extend through the handle portion and engage in the opening of the blade disposed adjacent thereto, and a guard pivotally supported by the handle and adapted to be moved to its active position simultaneously with the movement of the blade to its active position.

2. A knife comprising a handle portion, a blade pivotally supported by the handle portion and having spaced ears, a guard pivotally supported by the handle, an extension forming a part of the guard and adapted to contact with one of the ears to move the guard to its active position when the blade is moved to its active position.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses. 10

HIRAM A. COMSTOCK.

Witnesses:

W. P. STRONG,
H. H. BUCKLIN.