F. C. ROSS.

ATTACHING SHARPENING MEMBERS TO BODY MEMBERS.

APPLICATION FILED MAY 9, 1912.

1,049,605. Patented Jan. 7, 1913.

Fig 1

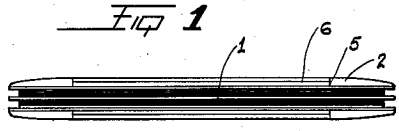


Fig 2



Fig 3

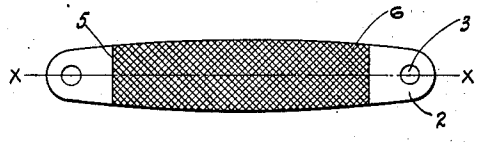
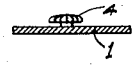


Fig 4



Fig 5



Witnesses

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FRED C. ROSS, OF LODI, CALIFORNIA.

ATTACHING SHARPENING MEMBERS TO BODY MEMBERS.

1,049,605. Specification of Letters Patent. Patented Jan. 7, 1913.

Application filed May 9, 1912. Serial No. 696,179.

To all whom it may concern:

Be it known that I, FRED C. ROSS, a citizen of the United States, residing at Lodi, in the county of San Joaquin, State of California, have invented certain new and useful Improvements in Attaching Sharpening Members to Body Members; and I do declare the following to be a clear, full, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in fastening means and particularly to a means or method for fastening a sharpening member to the body member of pocket knives, the object of the invention being to produce a knife which will carry a sharpening member as a part of the body of the knife, whereby the same may be detached from the body of the knife and used as a sharpener and then readily replaced again when not in use.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purposes for which it is designed.

These objects, I accomplish by means of such structrue and relative arrangement of the parts as will fully appear by a perusal of the following specification and claim.

On the drawings similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a rear elevation of a pocket knife showing my improved attachment thereon. Fig. 2 is a similar view with my improved attachment removed. Fig. 3 is a top plan view of the under face of one of the sides of the knife showing my improved sharpening means thereon. Fig. 4 is a sectional view taken on a line X—X of Fig. 3. Fig. 5 is a sectional view taken on a line Y—Y of Fig. 2.

Referring now more particularly to the characters of reference on the drawings, the numeral 1 designates the body of the knife and 2 the sides of the body which in my improved structure are provided with recesses 3 in each end adapted to receive spring clip buttons 4 disposed on each end of each side of the knife, whereby said sides 2 may be readily removed. In said sides 2 on the under face thereof, I provide recesses or slots 5 into which I insert members 6, such members being carborundum or similar abrasive or sharpening material. These members 6 are glued or otherwise fastened to the sides 2 in position in the slots or recesses 5 adding strength and stability. Thus in practice when it is desired to sharpen the knife, either one of the sides 2 may be readily detached from the spring buttons 4 and the blade of the knife moved over the surface of the members 6 and when the blade is sufficiently sharpened, the sides 2 may be snapped back into position over the members 4 leaving the knife in appearance the same as any ordinary knife.

While I have shown a particular form for fastening the sides 2 to the body 1, in practice any form of fastener found most desirable may be used.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfils the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention.

Having thus described my invention what I claim as new and useful and desire to secure by Letters Patent is:

A device as described comprising a body member, a pair of spaced resilient buttons on each side of said body member, side members provided with recesses adapted to receive said buttons, said side members being provided with grooves in their under sides, and an abrasive member secured in each groove and lying flush with the under sides of said side members, as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRED C. ROSS.

Witnesses:
JOSHUA B. WEBSTER,
PERCY S. WEBSTER.