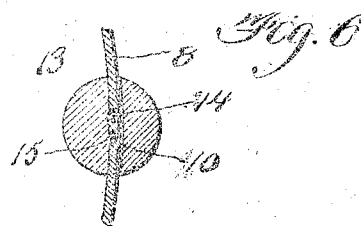
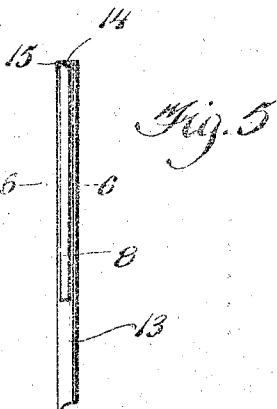
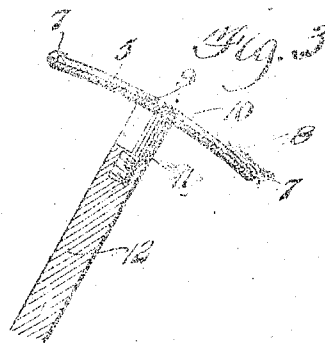
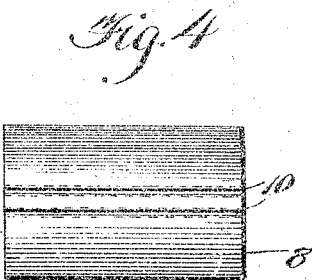
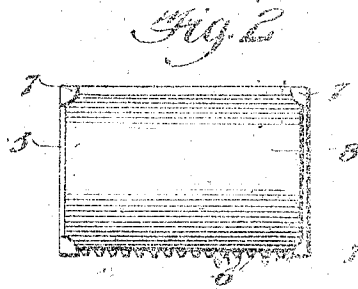
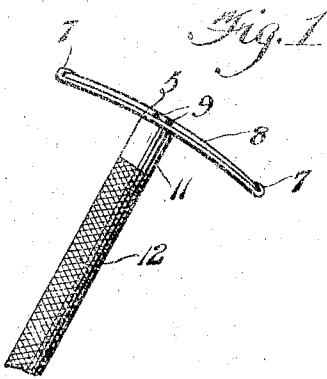


B. C. BUCK.
SAFETY RAZOR.
APPLICATION FILED JULY 18, 1911.

1,020,796.

Patented Mar. 19, 1912.



Witnesses
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[Signature]

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UNITED STATES PATENT OFFICE.

BENNETT C. BUCK, OF BEARDSTOWN, ILLINOIS.

SAFETY-RAZOR.

1,020,796.

Specification of Letters Patent.

Patented Mar. 19, 1912.

Application filed July 18, 1911. Serial No. 639,083.

To all whom it may concern:

Be it known that I, BENNETT C. BUCK, a citizen of the United States, residing at Beardstown, in the county of Cass and State of Illinois, have invented new and useful Improvements in Safety-Razors, of which the following is a specification.

The invention relates to razors, and more particularly to the class of safety razors.

The primary object of the invention is the provision of a safety razor in which the blade may be held fast within the head of the razor and also is capable of being removed therefrom for the purpose of sharpening the same.

Another object of the invention is the provision of a safety razor in which the handle is formed of separable sections, one of said sections being provided with a bifurcation adapted to receive a blade for holding it whereby the same may be sharpened, when it has become dull.

A further object of the invention is the provision of a safety razor which is simple in construction, thoroughly reliable and efficient in operation, and inexpensive in manufacture.

In the drawings: Figure 1 is an elevation of a safety razor constructed in accordance with the invention. Fig. 2 is a top plan view thereof, with the blade partially removed. Fig. 3 is a fragmentary vertical sectional view through the razor. Fig. 4 is a plan view of the blade, looking toward the under face thereof. Fig. 5 is a side elevation of the handle, showing the blade in position therein for the sharpening thereof. Fig. 6 is a sectional view on the line 6—6 of Fig. 5.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, the safety razor comprises a head 5, preferably constructed from rigid sheet metal, the same being formed at opposite longitudinal edges with a plurality of teeth 6, while at the corners of the said head 5 are provided upwardly and inwardly turned gripping ears or clips 7 which are adapted to engage a razor

blade 8, so that the same may be securely held within and to the head, yet capable of being removed at will. On the upper face of the head, medially thereof, are formed spaced parallel dove-tail ribs or tongues 9, the same being disposed longitudinally throughout the length of the head, and are adapted to lock in correspondingly shaped grooves 10 formed in the blade 8 in one side face thereof, thus the dove-tail ribs 9 when engaged in the dove-tail grooves 10 will prevent any possible displacement of the blade when passed within the head.

Projecting centrally from the opposite face of the head 5 is an externally threaded lug or stud 11 which is adapted to detachably engage in an internally threaded socket formed in one end of a handle or stem which comprises inner and outer sections 12 and 13, the outer section being formed at one end with suitable screw threads, whereby the same may be screwed into the adjacent end of the inner section 12, the same being formed with a suitable threaded socket for receiving the threaded end of the outer section. The opposite end of the outer section 13 is bifurcated to form a fork 14, the inner face of one limb of which is formed with spaced parallel dove-tail ribs or tongues 15 disposed longitudinally thereof, so that upon the insertion of the blade 8 within the fork 14, the said dove-tail ribs 15 will engage in the dove-tail grooves 10 in one face of the blade for securely holding the same in the fork; the inner face of the other limb of the fork 14 being concaved correspondingly to the adjacent face of the blade 8, when inserted in the fork. The blade, when mounted in the fork 14 of the outer section 13 of the handle will be securely held fast therein, whereby it may be readily and easily sharpened in the ordinary well-known manner. It is to be understood that the outer section 13 is engaged with the inner section 12 of the handle when sharpening the blade, and the head 5 is detached therefrom.

What is claimed is:

A razor comprising a head, dove-tailed ribs formed on the upper side of said head, and extending longitudinally thereof, and a

double edge blade having dove-tailed grooves formed centrally in the inner side thereof, said grooves extending longitudinally of said blade and opening out through
5 the side edges of the blade, said grooves receiving said ribs to secure the blade to the head.

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

BENNETT C. BUCK.

Witnesses:

A. J. HERBERT, Jr.,

O. EVERITT.