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H. J. GAISMAN

1,901,830

BLADE CLIP

Original Filed Nov. 26, 1928

Fig. 1

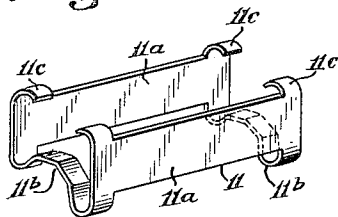


Fig. 2

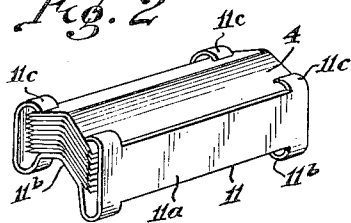
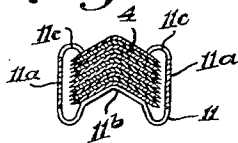


Fig. 3



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HENRY J. GAISMAN, OF NEW YORK, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO
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BLADE CLIP

Original application filed November 26, 1928, Serial No. 321,793. Divided and this application filed March 30, 1931. Serial No. 526,351.

This application is a division of my application filed Nov. 26, 1928, Serial No. 321,793, for safety razors.

An object of my invention is to provide a clip or retainer for a stack of blades. The clip with the blades therein may be inserted in a magazine of a safety razor to retain the blades therein with their cutting edges out of contact with the magazine and in position to be pushed into the blade holder of a razor.

My invention comprises novel details of improvement that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part hereof, wherein Fig. 1 is a perspective view of my improved blade clip;

Fig. 2 is a perspective view illustrating a stack of blades in the clip, and

Fig. 3 is a cross section on line 3, 3, in Fig. 2.

My improved clip for retaining a stack of blades 4 is indicated at 11. The clip may be made of metal, having spaced sides 11a, transverse connecting members 11b, and inwardly bent or extending fingers 11c. The connecting members 11b may be curved or extended inwardly to receive curved blades 4. When the stack of blades is slid into the clip 11 the inner blade will rest against the members 11b and the outer blade will be engaged by the fingers 11c, the clip parts including the fingers preferably being resilient to flexibly grip the blades, and retain their cutting edges out of contact with the sides of the clip, (Fig. 3).

The clip with blades therein is adapted to be inserted in a magazine of a safety razor, such as set forth in my aforesaid application, and the sides of the clip may fit snugly against the side walls of the magazine. The pairs of fingers 11c are spaced apart. An ejector of the razor may be pushed to slide one of the blades from the stack in the clip into the blade holder of the razor, and the fingers 11c of the clip will guide the blade so that its cutting edges will not engage the clip within the magazine while the blade is being ejected therefrom. A spring within

the razor magazine may push against the stack of blades to keep them pressed toward the fingers 11c.

My improved clip will be found of advantage in the class of razors having double-edged blades, since neither of such edges should slide against metal to guide the blade to shaving position for fear of dulling the cutting edge.

My improvement is not limited to the details of construction set forth, as the same may be varied, within the scope of the appended claims, without departing from the spirit of my invention.

Having now described my invention what I claim is:

1. A clip for a stack of double-edged razor blades having spaced sides to receive the blades therebetween with their edges opposing and spaced from said sides, connecting means between said sides, and fingers on said sides extending inwardly toward one another, said connecting means being provided with means to engage a blade to keep the blade edges out of contact with said sides.

2. A clip as set forth in claim 1 in which the connecting means extends inwardly to cooperate with transversely curved blades to keep them from movement toward said sides.

3. A clip as set forth in claim 1 in which the connecting means extends inwardly to cooperate with transversely curved blades between their cutting edges.

4. A clip for a stack of double-edged razor blades having sides spaced apart to receive said stack of blades therebetween with their cutting edges opposing said sides, connecting means between said sides, the sides being spaced apart a distance greater than the width of the blades between their cutting edges, and spaced fingers spaced from said means to receive the blades therebetween.

5. A clip as set forth in claim 4 in which the fingers and the connecting means extend inwardly to engage transversely-bent blades in the clip.

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