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ILLUMINATED RAZOR

Filed July 28, 1932

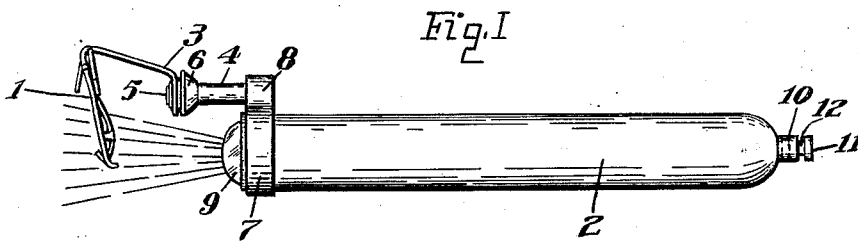


Fig. II

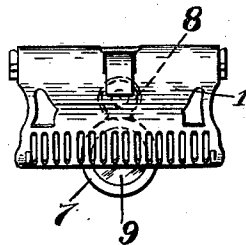
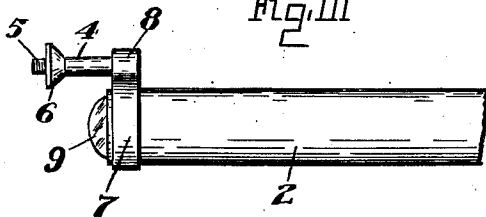


Fig. III



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ILLUMINATED RAZOR

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In illuminated razor structures it has been frequently proposed to dispose a small storage battery in the handle by which a lamp could be illuminated adjacent the blade. The difficulty with such proposed structures appears to be in the arrangement of parts in such relation as either inadequately to illuminate the parts or the parts illuminated would cast shadows thus spoiling the desired effect.

My invention involves the novel concept by which an uninterrupted beam free from shadow or umbra is made to illuminate a blade which is placed in a plane intercepting the beam at a point of desired high light intensity. I accomplish this specifically by a simple basis of offsetting the blade head or carrier. I furthermore accomplish this by extremely simple means by which either as a complete razor or as an attachment an inexpensive flashlight casing is made to serve as a handle and may be substituted for the usual handle of the razor.

As illustrative of such an embodiment I have shown in the accompanying drawing in Fig. 1 an assembled razor and flashlight handle in side elevation.

Fig. 2 an end view looking at the head towards the handle, and

Fig. 3 a fragmentary view of the handle disconnected from the head.

I have indicated generally by the reference numeral 1 a safety razor of conventional type, and at 2 the casing of a flashlight of standard make.

The usual handle of the safety razor is removed and the threaded hole in the handle attaching portion 3 of the safety razor which normally receives such handle is utilized to detachably connect the flashlight with the safety razor.

This may conveniently be accomplished by interposing between the safety razor and flashlight casing a relatively short attaching stem 4 which is reduced and threaded at its forward end, as indicated at 5, and behind said threads is provided with an annular shoulder 6 against which the attaching arm 3 of the safety razor is adapted to abut when the safety razor and flashlight casing are assembled.

The rear end of the attaching stem 4 is made fast to the flashlight casing in any suitable manner, as by soldering, or by means of the attaching collar 7 which is swaged or otherwise permanently fixed circumferentially about said casing and is formed with a socketed receiving portion 8 within which the rear end of the stem 3 is received and permanently fastened.

The stem 3 is thus disposed in offset parallel relation to the flashlight casing and hence the flashlight lens 9 (and bulb) are positioned substantially in line with the shaving edge of the razor.

No attempt has been made to illustrate details of flashlight structure, since this is conventional, including the usual bulb, lens, battery and circuit closing mechanism, all located within the flashlight casing.

Where the flashlight is of the type embodying an axially movable spring-resisted circuit closing member, as indicated at 10, such member may be headed as at 11 and may have a circumferential groove 12 in advance of such head.

When pressed inwardly against its resistance spring by means of its exposed operating head 11, the circuit is closed and the bulb illuminated and remains illuminated until pressure on the head 11 is removed.

When it is desired to lock the circuit in closed condition, the member 10 is pushed far enough into the casing 2 to engage its groove 12 with the intumed edge of the casing surrounding the opening through which said circuit closer slides. This relieves the user of the necessity of maintaining constant pressure on the member 10 in order to keep the bulb illuminated.

If desired, various other types of circuit closing mechanisms may obviously be employed.

What I therefore claim and desire to secure by Letters Patent is:—

In combination with an implement having an opening for the reception of a handle attaching lug and also having a working edge laterally spaced from said opening, a straight hollow handle, a band around the inner end of the handle rigid therewith, an attaching

lug rigid with the band, and means contained
within the handle to project a beam of light
axially from the inner end thereof, the lug
having a shoulder to engage the implement
5 around the opening therein, said lug further
projecting beyond the inner end of the handle
and being disposed parallel to and laterally
spaced from the axis of the handle an amount
equal to the lateral spacing of the working
10 edge of the implement from the lug receiving
opening.

In testimony whereof I affix my signature.
FRANK WEISS.

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