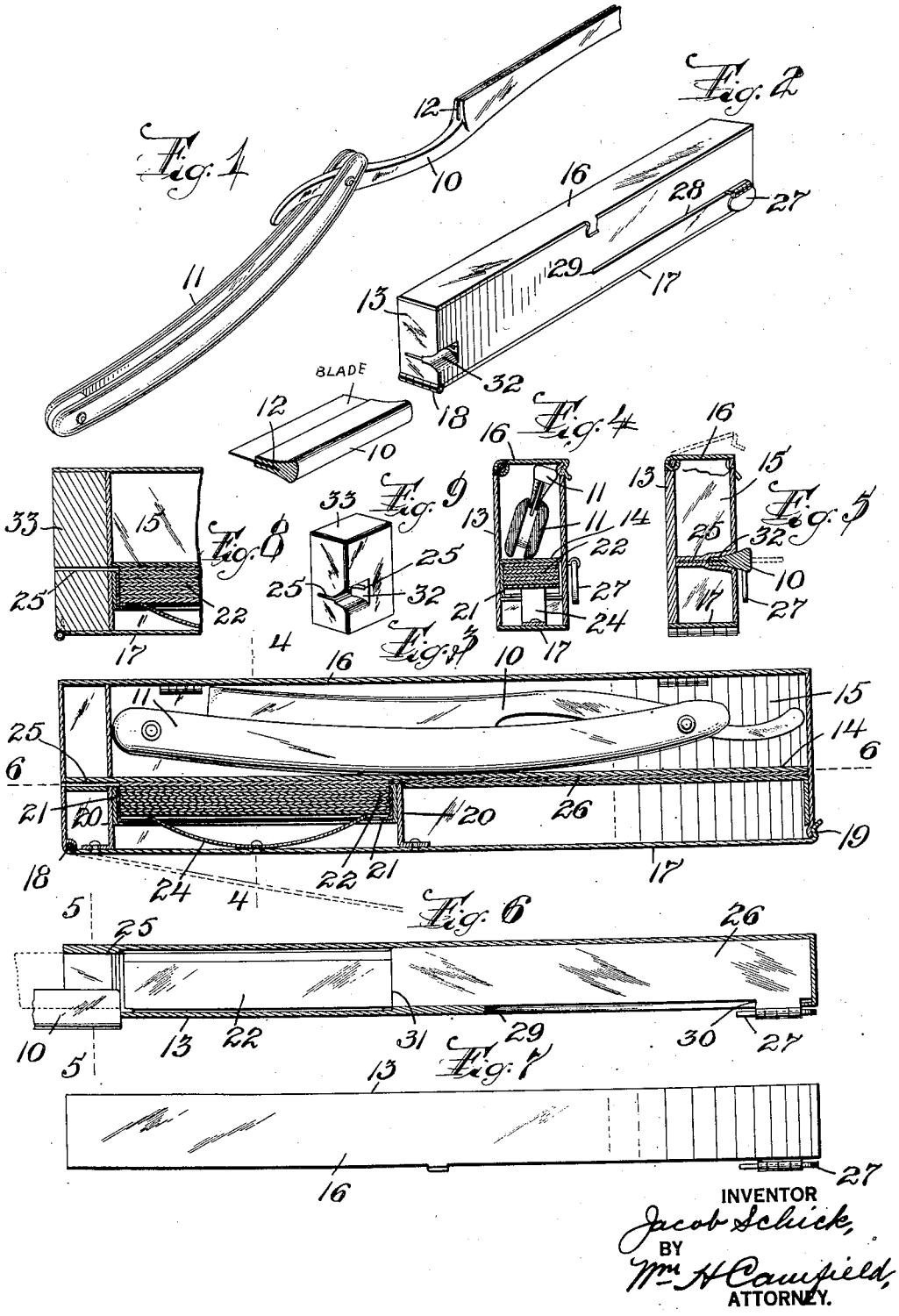
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SHAVING EQUIPMENT

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SHAVING EQUIPMENT

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This invention relates to a shaving equipment that includes a casing and a magazine containing thin blades in stacked relation, a means in the casing for successively ejecting the blades, and also comprises a razor which is carried in the casing when not in use but which is seated with a part thereof guided by the casing when a blade is to be transferred by the reciprocation of the ejecting means, which has a part thereof extended to the outside of the casing so that it can be manipulated.

The object of the invention is to provide a neat compact razor case with a feeding means for the blades and is intended mainly for the convenience of those who prefer a razor of the old-fashioned type with the handle pivoted at one end to the shank of the blade, but in this case the blade proper is a thin blade that is replaced by a sharp one when dulled. This replacement is quickly and easily accomplished as the razor is held against the casing and the ejected means is operated toward the razor which acts as a stop or abutment for the casing and the blade is thus inserted. This enables the use of the device by a person as one hand holds the razor and the other hand pushes on the blade ejecting means and as the parts abut the supply of a blade to the razor is accomplished by one motion.

The invention is illustrated in the accompanying drawings in which Figure 1 is a perspective view of a razor without a blade of the razor type inserted therein and Figure 2 is a perspective view, on a reduced scale, of the casing and showing the end of the razor with a blade inserted. Figure 3 is a central longitudinal section of the casing shown in Figure 2 showing the razor folded and placed in a chamber in the casing. Figure 4 is a section taken on line 4—4 in Figure 3. Figure 5 is a section taken on line 5—5 in Figure 6 and Figure 6 is a section taken on line 6—6 in Figure 5. Figure 7 is a top view of the holder or casing. Figure 8 has a section at one end of the casing showing a modified form of end made of a solid block instead of being formed of sheet metal. Figure 9 is a reduced perspective of the block shown in section in Figure 8.

The razor is preferably of the old fashioned type comprising a shank 10 and a handle 11 pivoted to the shank, being formed in the same general shape as a conventional razor except that it is provided with a slit 12 to receive a blade endwise, the slit preferably extending from end to end of this part of the razor. The razor is carried in and also supplied with blades from the casing 13 which is provided with a partition 14 above which is the chamber 15 to receive a razor when it is folded, the chamber being closed by a lid 16. On the bottom of the casing is a plate 17 which forms a swinging bottom as it is hinged as at 18 and is held closed by any usual snap or spring fastening 19. The plate 17 is provided with supports 20 which form a holder for a clip 21 which contains a stack 22 of separate thin blades, the clip 21 being supplied with the blades as purchased by the user so that the clip and the blades are inserted as a unit. The clip is held against excess upward movement by a shoulder 23 on the support. The clip 21 is opened at the bottom and the spring 24 is fastened to the plate and acts to press the blades in the stack up against the partition 14 and in this position the top blade is in line with a slit 25 in the end of the casing through which the top blade can be ejected.

For ejecting the blades successfully I insert a slide 26 which can be reciprocated by a part thereof which extends to the outside of the casing and I illustrate such outside handle at 27, this being arranged in a slide 28 which is usually also used as a stop, the end 29 of which is arranged at this point so that when the edge 30 of the slide engages the end 29 of the slot, the forward end 31 of the slide has reached the end of the razor which is held in place to receive the blade.

In order to properly align or position the razor to receive a blade I arrange a guide in the form of a recess 32 which is shaped to fit the razor so that when the razor is seated with its end in this recess the slit 12 in the razor is in line with the slit 25 in the casing. It will be evident that when a razor is held

it is pressed firmly toward the casing with one hand and the handle 27 is grasped by the other hand and slid toward the razor and the blade from the stack is thus positively and firmly slid from the stack of blades into the razor and at the same time this inserted blade has pushed the old blade ahead of it and from the razor.

The modification shown in Figures 8 and 9 comprises, instead of a sheet metal end, a solid end in the form of a block 33 into which end the recess 32 is made for positioning the razor, the outside or sheet metal part of the casing being secured to this block 33 in any desired way.

I claim:

1. In razor equipment for transfer of razor blades, a razor blade magazine having an exit aperture, transfer means, in combination with a razor head, said head having a blade holding channel, cooperating means on said magazine and on said head, whereby either said magazine or said head may be guided bodily into longitudinal alignment and maintained in such alignment during the transfer of a blade from the magazine to the razor head.

2. A shaving equipment for transfer of razor blades comprising a case to hold a stack of blades and having an exit aperture, means for transferring a blade from the stack, the case having a recess to receive the end of a razor, in combination with a razor head to enter said recess to act as an abutment for the case to hold the case against movement when the transfer means is operated, said razor having a blade-holding channel.

3. In a razor equipment for transfer of razor blades, a razor blade magazine, transfer means, in combination with a razor head, said head having a blade holding channel and co-operating means on said magazine and on said head whereby said head can be guided bodily into alignment with the path of travel of the blade during a transfer of the blade from the magazine, said razor being adapted for shaving purposes only when separated from the magazine.

In testimony whereof I affix my signature.

JACOB SCHICK.