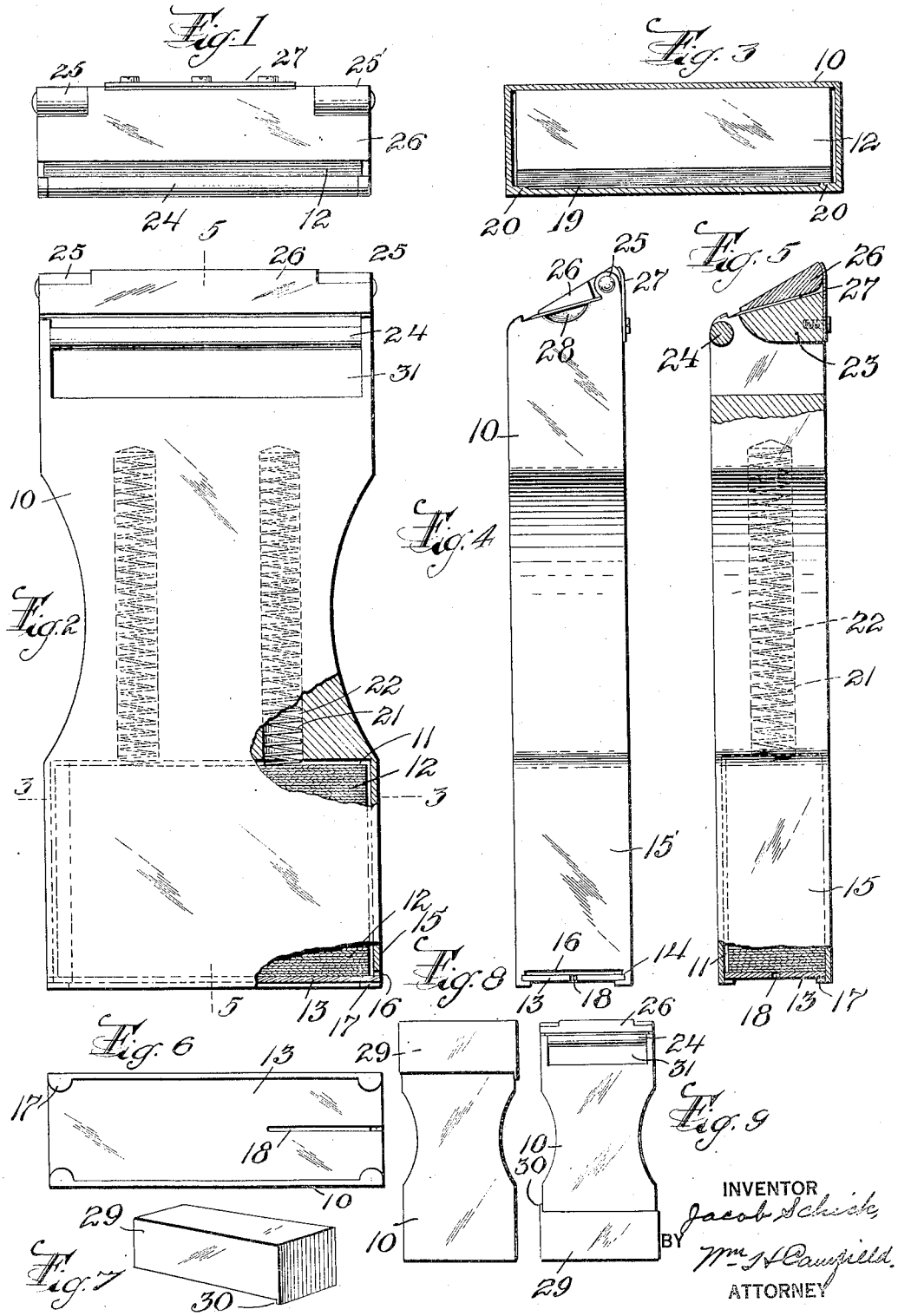
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SHAVING UNIT

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SHAVING UNIT

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This invention relates to an improved article of manufacture that provides a shaving unit consisting of a package of razor blades and a shaving head mounted on the package, the whole forming a unit that is of convenient size and shape and which can be made so cheaply that when the blades are used up the whole device can be thrown away.

It will be apparent that the use of an original sales package of razor blades equipped with means for holding a blade in shaving position is novel and more convenient than the old method of buying packages of blades which are in time transferred to a razor.

With this device the purchaser has only to transfer a blade once, that is, it is passed from its original sales package to a shaving device and the unwrapping and loading, incidental to all other previous devices, are avoided. The keenness of the edges of the blade is maintained until used as the package or magazine is not adapted for refilling. Furthermore, the user is assured a clean blade and is not apt to cut his hands in handling the blade as there are no paper wrappings to be undone and the blade is presented to the user without covering and is simply transferred by hand to the shaving head.

The invention is designed to provide a razor which is handy for use as it is substantially rectangular in shape and of a size to fit the vest pocket and when held between the thumb and two fingers of the hand is easily held against turning in the hand while shaving.

The invention is illustrated in the accompanying drawing in which Figure 1 is a top view of an article embodying my invention and Figure 2 is a front view thereof with a portion of the lower part broken away to more clearly illustrate the construction. Figure 3 is a section on line 3—3 in Figure 2. Figure 4 is a side view of the device shown in Figure 2 and Figure 5 is an elevation, the top and bottom parts, however, being broken away to show the sectionized part on a plane indicated by line 5—5 in Figure 2. Figure 6 is a bottom view of the device. Figure 7 is a perspective view of a cover that can be used on the article and Figure 8 is an elevation showing the razor on a reduced scale with lid on top end and Figure 9 is a view similar to Figure 8 but showing the cover or lid on the bottom. The article comprises a package which has a receptacle for receiving a supply of blades and I show in the drawings blades arranged in a stack and with the package 10 forming a handle portion provided with a recess 11 in which is placed the stack of blades 12, the blades being long, narrow blades and preferably with but one edge sharpened. The razor is usually not more than one-half inch deep and the blades are usually five-sixteenths of an inch wide so that the razor is convenient for holding in the hand and may be carried in the vest pocket.

The stack of blades can include any convenient number but I expect to arrange them in stacks of fifty without making the razor too heavy since the main or body portion 10 can be made of a light metal and can be made by the die-casting process.

The blades are placed in the package at the factory and the article is constructed so that they can be successively removed. In the form shown, the removal of the blades from the stack is accomplished through the slit 16 which is formed between the bottom edge of one side of the package and the bottom plate 13 which is seated on the shoulders 14 of the side walls 15 of the package. The bottom plate 13 is permanently fastened in place by suitable means such as the ears 17 which are bent over from the side walls of the receptacle usually by power and the parts must be distorted to separate them. The bottom plate 13 has a small slot 18 in it and extending part way through from one end so that, by using the edge of a blade about to be discarded or the end of a pin the bottom blade of the stack of blades 12 can be slid through the slit in the opposite end wall of the receptacle far enough to permit it to be grasped by the hand and the blade can then be pulled out all the way and

then placed in a shaving head mounted on the top of the receptacle or handle.

The blades are kept aligned by their fitting fairly snug in the receptacle but the cutting edges 19 of the blade are protected from being dulled by the shoulders 20 which extend down on the inner face of one wall of the receptacle so that only the ends of the edges are engaged. If these become dulled it makes no difference because in the razor they fit against the usual projections present in safety razors for preventing corners of the blades from cutting the face. The blades are held in place until the entire supply is expended and when in a stack such holding is done by such means as the springs 21 placed in recesses 22 in the package.

The shaving head which is mounted on the razor can be of any desired construction but in the drawing it consists of a base plate 23 and a guard or fender as the bar 24, these being preferably integral with the package, the base plate 23 having ears 25 to which is pivoted the top plate 26 which is held in its closed and its open position by the spring 27. The recess 28 in the sides of the handle just below the blade make it easier to insert the fingers under the ends of the top plate of the holder to swing the top plate open. It will be evident that the shaving head can be made of a separate piece from the package and attached thereto.

The article is usually provided with a cover 29 which fits over either end of the razor. When the razor is sold the cover is usually at the bottom as shown in Figure 9 and can be sealed by a paper sealing strip or other means for insuring the purchaser that the blades are genuine and to the full number and also making it more certain that moisture is excluded from the blade package. After the razor is in use and a blade is usually in the shaving head, the blade so in place can be protected by putting the cover on the top of the razor as in Figure 8, the blades in the stack being also protected in view of the few and small openings in the bottom of the razor.

The cover is of further utility when provided with the lip 30 on one end, the lip being designed to fit in the slot 18 so that the end of the cover can be used for projecting a blade from the stack through the slit 16 of the receptacle in order that it may be grasped by the user. This razor, being small and cheap and having a capacity of, say, fifty blades, will last the average person using the same at least a year if all the blades are used and when the device is fully expended the article can be discarded and a new package of blades with its attached shaving head is purchased.

The package can not be replenished because a blade inserted into the slit at the bottom will eject a blade and while one blade might be inserted to replace another it is impossible to gain on the number of blades in the stack. The stack can not be added to and is designed to be used until the package is exhausted and then a new package is purchased.

An opening 31 is placed transversely underneath the shaving head in order to facilitate the cleaning of the razor after the shaving, the cleaning being usually done by simply placing the shaving head under running water, preferably hot water, and then drying it. The opening 31 is usually wide enough to permit access for drying of the underside of the part 23.

I claim:

1. A box-like receptacle slitted at the bottom and adapted to hold a stack of blades on said bottom whereby only one blade at a time can be extracted through the slit, and a cover to fit over the end of the receptacle and having a lip of a size to enter the slit whereby a blade can be partially projected from the receptacle.

2. A holder to contain a stack of wafer blades and having slits in the opposed end walls at the bottom to allow the endwise passage of only a single blade and a slot in the bottom of the receptacle and extending to one end thereof to allow the engagement of the bottom blade so that it can be projected through the slit at the opposite end for a material distance.

3. A holder to contain a stack of wafer blades and having slits on the opposed ends to allow the endwise passage of only a single blade and a slot in the bottom of the receptacle to allow the engagement of the bottom blade so that it can be projected through a slit for a material distance and a cover for the receptacle, said cover having a lip to fit the slot whereby it is adaptable as a tool for partially projecting a blade.

4. A holder for a stack of blades comprising a box-like receptacle with a closed top and a fixed bottom on which bottom the blades are supported, one of the end walls of the holder having a slit at said bottom to allow the passage of a single blade from the bottom of the stack the receptacle having an opening to allow access to a blade to be propelled from the stack.

5. A package for stacked blades having a restricted opening to permit the passage of one blade at a time from the stack, and a shaving head on said package whereby the receptacle acts as a handle for the shaving head, the shaving head being adapted to receive a blade from the stack, the receptacle being non-refillable.

6. A package for stacked blades having a restricted opening for the passage of a blade and having a restricted opening

through which the blade is accessible for engagement and thus only a blade at a time can be removed, and a shaving head adapted to receive a blade from the stack and mounted on the package whereby the package acts as a handle for the shaving head.

In testimony whereof I affix my signature.

JACOB SCHICK.