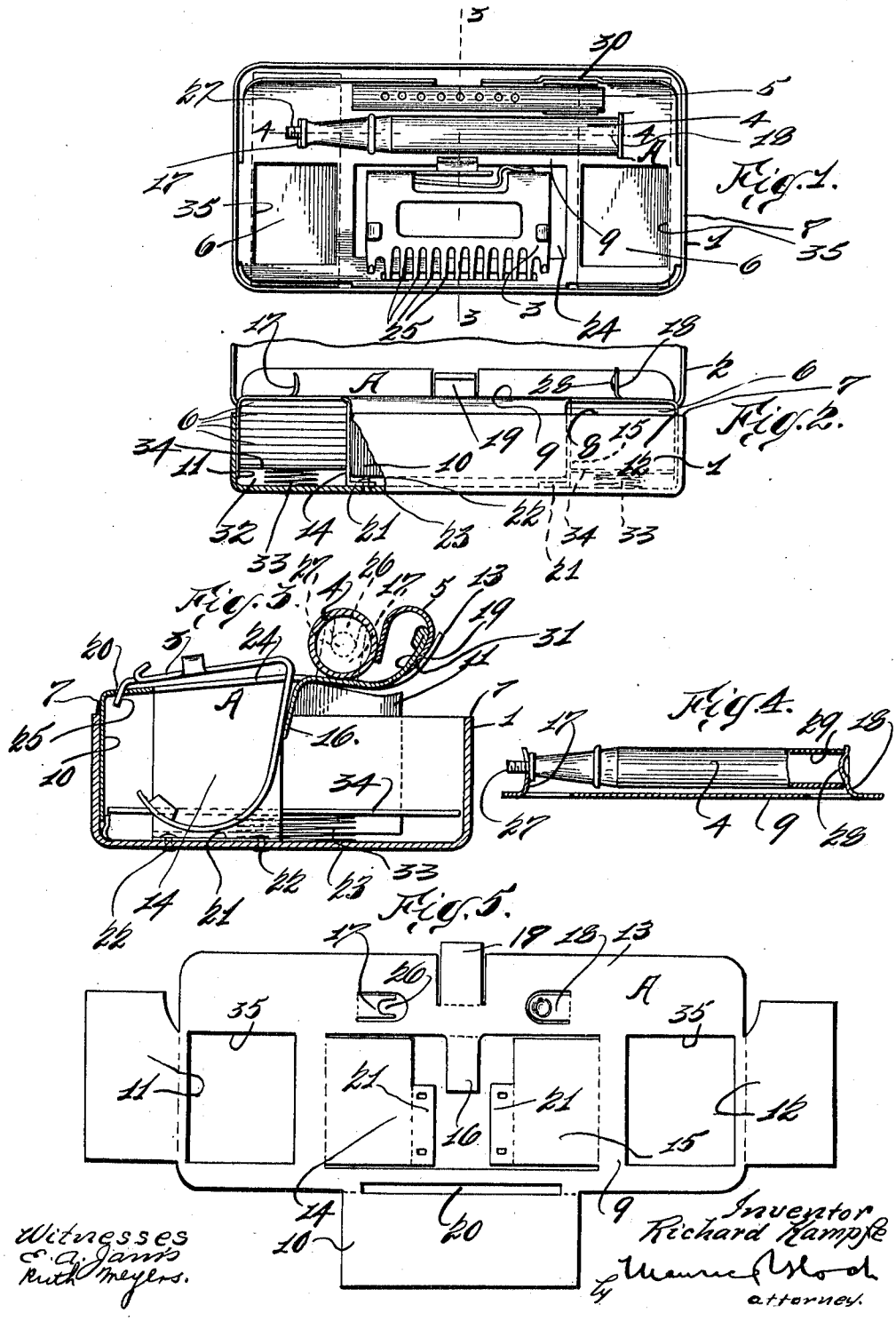
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HOLDER FOR SAFETY RAZOR SETS.

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HOLDER FOR SAFETY-RAZOR SETS.

1,096,541. Specification of Letters Patent. Patented May 12, 1914.

Application filed December 9, 1913. Serial No. 805,511.

To all whom it may concern:

Be it known that I, RICHARD KAMPFE, a citizen of the United States of America, residing at New York city, borough of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Holders for Safety-Razor Sets, of which the following is a full, clear, and exact description.

This invention relates to an improvement in cases for holding safety-razor sets, including the frame, the blades and stropping handle, the object being to provide a handy and inexpensive case for this purpose, that is adapted to hold a plurality of cutting-blades and also to retain the frame therefor, the handle for the frame and a stropping handle for the blades firmly and securely against movement, when the case is closed and shipped or carried in a pocket, valise or trunk. The case is arranged so that the blades can be extracted therefrom one at a time, as needed, a special pocket being provided to hold the blades and special means to force the under blades upwardly when a top blade is removed.

Further features of improvement will be hereinafter set forth, and finally claimed.

I will now proceed to describe my invention in detail, in connection with the accompanying drawing forming part hereof, wherein:

Figure 1 is a top plan view of the case, the cover being removed, showing a razor-set in position; Fig. 2 is a front elevation, partly in section, the cover being broken away and shown as raised, the razor blades being shown but the remainder of the shaving set being omitted; Fig. 3 is an enlarged cross-section, taken on a line 3—3 in Fig. 1; Fig. 4 is a detail sectional view of the rack, taken on a line 4—4 in Fig. 1, the frame-handle being shown in position; and Fig. 5 is a plan view of the blank for the rack.

My invention, being for the purpose of holding a safety razor set, is embodied in the form of a rack adapted to be set into and secured to any suitable casing 1, preferably having a cover 2. The rack indicated by A is preferably made out of any suitable material that can be blanked out and stamped into shape.

The rack A is provided with means to firmly hold the cutting blade frame 3, a handle 4 therefor, and a blade-holder 5 (used in stropping) for the blades 6 which blades are located in the body of the case 1, suitable means being provided to hold the blades stacked and to permit the blades to be withdrawn one by one as needed. As will be seen in Fig. 2, the top of the frame A does not lie flush with the top edge 7 of the casing 1, but projects above the same in order to provide an opening 8 through which the blades 6 can be passed.

Referring to Fig. 5, the rack A consists of a blanked out plate 9, having projecting members 10, 11, 12 and 13 extending outwardly therefrom; tongues 14, 15 and 16 located centrally of the plate; tongues or lugs 17 and 18 adjacent thereto, a tongue 19 carried by the projecting member 13 and a slot 20 adjacent the projecting member 10.

To form the rack the projections 10, 11 and 12 are bent downwardly (see Figs. 2 and 3) the bent down members 10, 11 and 12 forming sides for the rack. To form supporting members for the rack the tongues 14 and 15 are bent downwardly and the ends 21 inwardly to form flanges through which any suitable fastening means 22 can be passed to secure the same to the bottom 23 of the casing 1 (see Figs. 2 and 3). After having bent the said tongues 14 and 15 downwardly there will remain an opening 24, adapted to receive the razor-frame 3, or rather the main part thereof, the guard fingers 25 thereof being received by the slot 20. While the opening 24 and slot 20 will receive the frame 3, I prefer to provide means to exert some pressure upon the frame to insure the stability of the same. The means which I preferably provide consists of the resilient pressure exerting finger or tongue 16 which, in forming the rack, is bent downwardly as shown in Fig. 3. To place the frame 3 in the rack, the guard teeth 25 will be placed in the slot 20; the body of the frame 3 will then be pressed into or through the opening 24 against the resilient finger 16 which will be forced rearwardly and placed under tension. The tension of the finger 16 will hold the frame 3 firmly in position. Owing to the angularity of the teeth 25, that portion of the frame will not prematurely jump out of the rack. To get the frame 3 out, the back thereof has to be pulled upwardly away from the finger 16.

The function of the tongues 17 and 18 is to hold the razor-frame handle 4 after they have been bent upwardly to form upstanding resilient fingers, as shown in Fig. 4.

The tongue 17 is slotted as at 26 (Fig. 5) to receive the threaded end 27 of the handle 4. To insure perfect securement, I preferably provide the finger 18 with a projection 28 adapted to take into the hollow or bore 29 of the handle 4. To place the handle 4 in position the threaded end 27 will be placed in the slot 26 and the opposite end pressed downwardly until the projection 28 snaps into the bore or hollow of the handle.

The function of the resilient tongue 19 is to hold the stropping blade-holder 5 after the said tongue has been curved upwardly as shown in Fig. 3. As these blade-holders are slightly enlarged at one end, I preferably recess the projection 13, as at 30, Fig. 1 to receive the said enlarged end. To form a cradle for the blade-holder 5, the projecting member 13 is curved upwardly as shown; hence when the holder 5 is pressed downwardly between the tongue 19 and curved projection 13 it is, so to speak, wedged in as the wall 31 of the holder 5 is located between the tongue 19 and curved wall 13, the tendency of the tongue 19 being to spring outwardly and press the wall 31 of the holder 5 against the curved wall 13.

The downwardly bent members or projections 11 and 14 and 12 and 15 form pockets 32 (Fig. 2) within which the blades 6 are retained. To move the pile of blades upwardly, as the top blades are removed, I utilize a spring 33 (Figs. 2 and 3) which acts against a plate 34 upon which the blades 6 are piled.

It will be apparent that the top blade 6 can be removed, through the opening 8 adjacent thereto, by being pushed outwardly, openings 35 being provided, in the plate 9, for the purpose of inserting a finger. There will, of course, be a plate 34 and spring 33 in each pocket 32. I have herein shown the rack as secured to the case by rivets passing through the flanges 21 of the partitions 14 and 15; but it may be secured by other means and at different points.

Having now described my invention, what I claim and desire to secure by Letters Patent is:

1. A holding rack for safety razor sets consisting of a plate, provided with an opening therethrough and a slot adjacent thereto adapted to receive the guard teeth of a safety razor frame, a pressure exerting device carried by said rack and located adjacent said opening adapted to impinge upon the back of the razor frame, clips adapted to engage and retain the handle for said frame, a cradle adjacent said handle and retaining lugs adapted to receive and retain a stropping blade-holder.

2. A holding rack for safety razor sets consisting of a plate, provided with an opening therethrough, and a slot adjacent thereto adapted to receive the guard teeth of a safety razor frame, a pressure exerting device carried by said rack and located adjacent said opening adapted to impinge upon the back of the razor frame, clips adapted to engage and retain the handle for said frame, a cradle adjacent said handle, retaining lugs adapted to receive and retain a stropping blade-holder, and a pocket adjacent the frame-retaining means adapted to retain a plurality of razor blades.

3. A rack for safety-razor sets consisting of a plate provided with an opening adapted to receive a safety razor frame, said plate being provided with a slot adapted to receive the guard teeth of the frame, a resilient finger integral with said plate and adapted to bear against said razor frame, extensions projecting downwardly from said plate at opposite ends of said opening, flanges carried by said extensions, adapted to receive securing means, resilient lugs integral with said plate adapted to support a safety razor handle, a resilient finger integral with said plate adapted to support a stropping blade-holder, pockets at each end of said rack adapted to retain a plurality of razor blades and means located in said pockets adapted to exert an upward pressure on said blades.

4. A rack for safety-razor sets consisting of a plate provided with an opening adapted to receive a safety-razor frame, said plate being provided with a slot adapted to receive the guard teeth of the frame, a resilient finger integral with said plate and adapted to bear against said razor frame, extensions projecting downwardly from said plate at opposite ends of said opening, flanges carried by said extensions adapted to receive securing means, resilient lugs integral with said plate adapted to support a safety razor handle, a resilient finger integral with said plate adapted to support a stropping blade-holder, a curved cradle adjacent said resilient finger adapted to approximately conform to the shape of the side-walls of said blade-holder.

5. A rack for safety-razor sets consisting of a plate having a downwardly extending wall at each end and at the front thereof, said plate being provided with an opening, located midway of said end walls, adapted to receive a safety-razor frame, and having a slot adjacent thereto adapted to receive the guard fingers of said frame, partition walls carried by said plate at opposite ends of said opening and extending in parallelism with said end walls, whereby pockets are formed adapted to hold razor-blades, said plate being also provided with openings intermediate said end and partition walls, and located over said pockets, means located in said pockets adapted to exert an upward pressure upon the blades therein, means carried by said plate adapted to hold a handle

for the razor frame, and means also carried by the plate adapted to retain a blade holder.

6. A holder for safety-razor sets comprising a casing, a rack within the casing, the rack consisting of a plate having downwardly extending end walls, and partition walls intermediate the end walls forming razor blade pockets, the surface of the plate extending slightly beyond the edge of the side-walls of the casing to provide an opening or slot adjacent said pockets for the insertion and withdrawal of razor-blades, the said plate being also provided with an opening to receive a razor frame, and means to removably retain the safety-razor set in position on said plate.

7. A holder for safety-razor sets comprising a casing, a plate fitting in the casing, the plate having downwardly extending end and front walls, the plate having an opening to receive a razor-frame, a pocket adjacent said opening to receive razor-blades, there being a space between the plate and walls of the casing, adjacent the pocket, to provide a slot for the insertion and withdrawal of razor-blades, integral upstanding resilient lugs for detachably retaining a razor-handle, and means integral with the plate for detachably retaining a blade-holder.

Signed at New York city, N. Y., this 5th day of December, 1913.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."