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2,123,768

SAFETY RAZOR BLADE

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Fig. 1

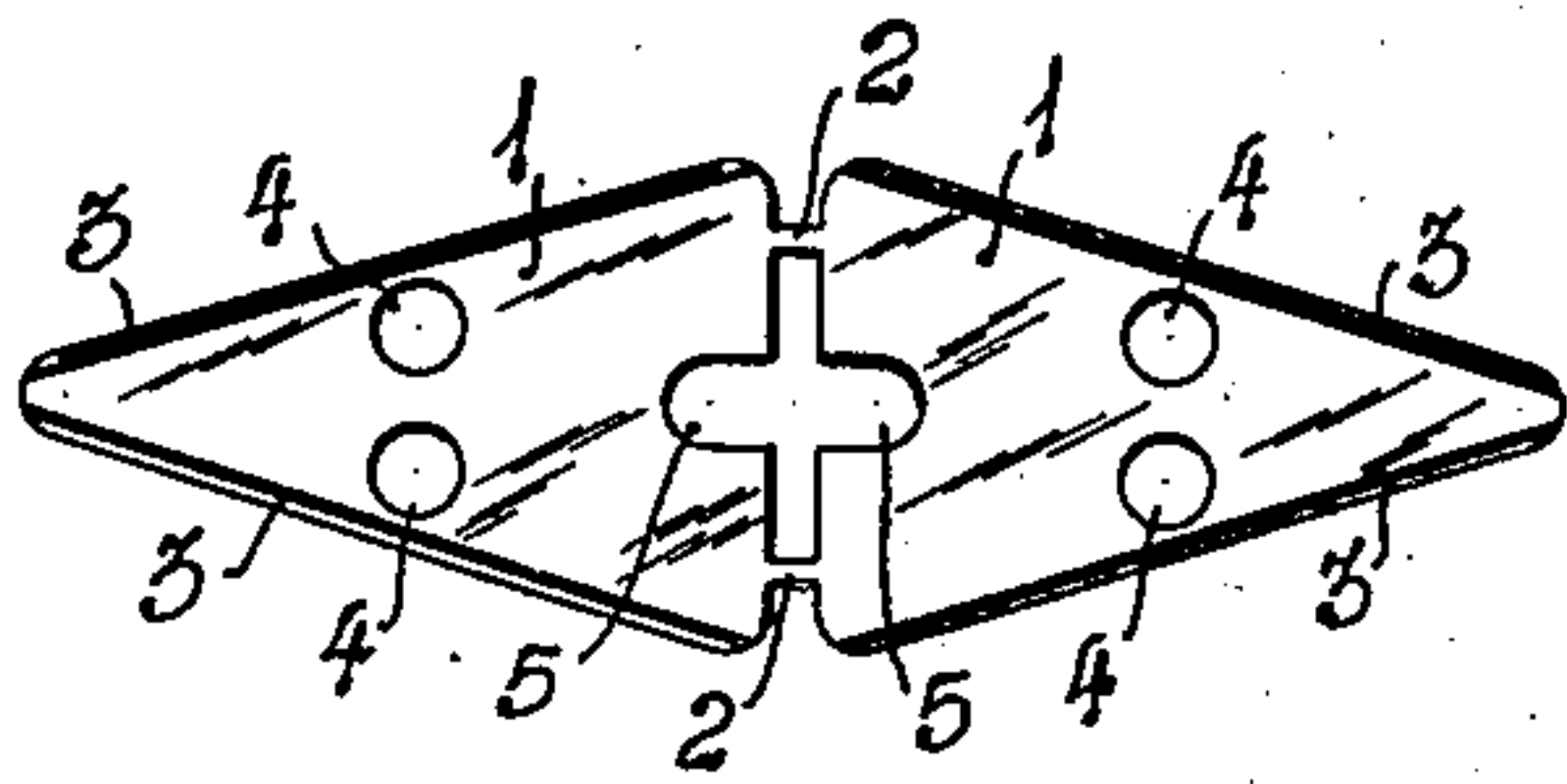


Fig. 2

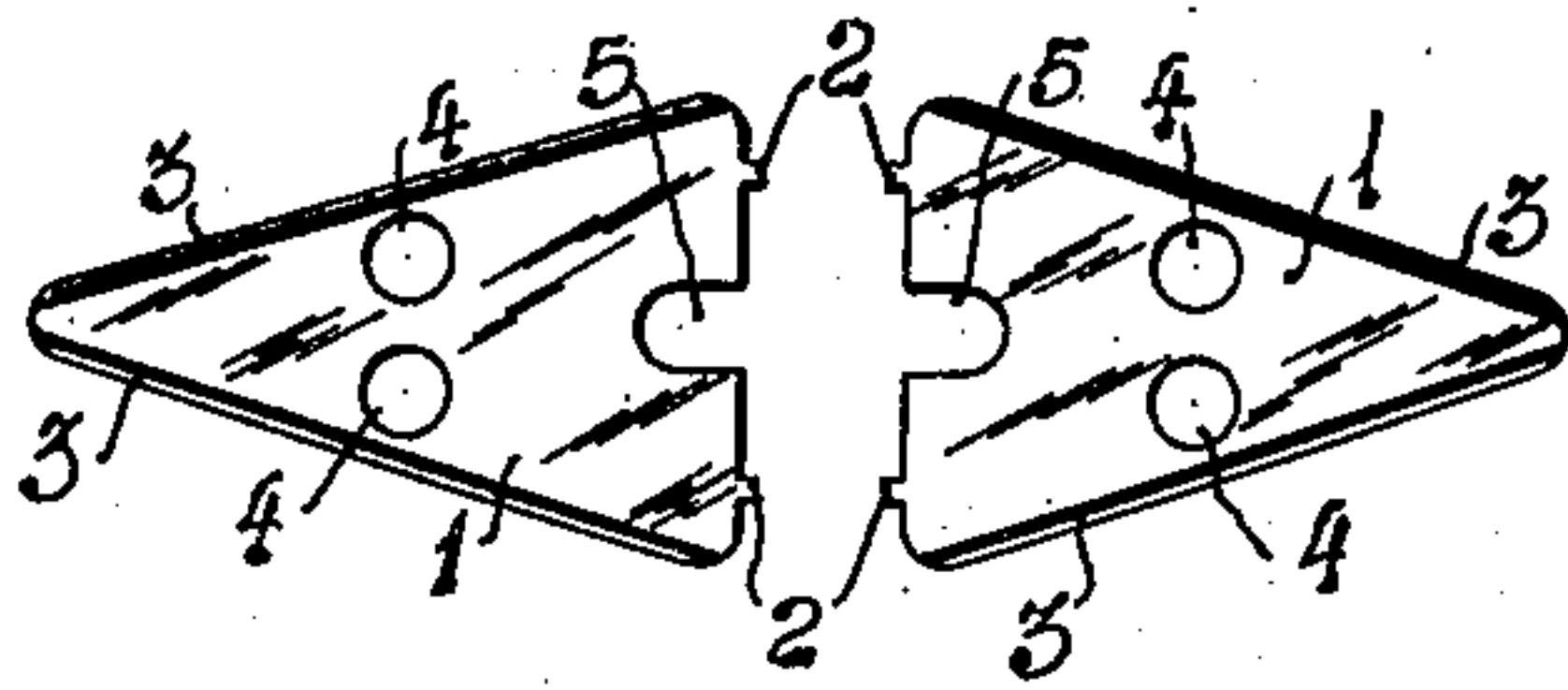
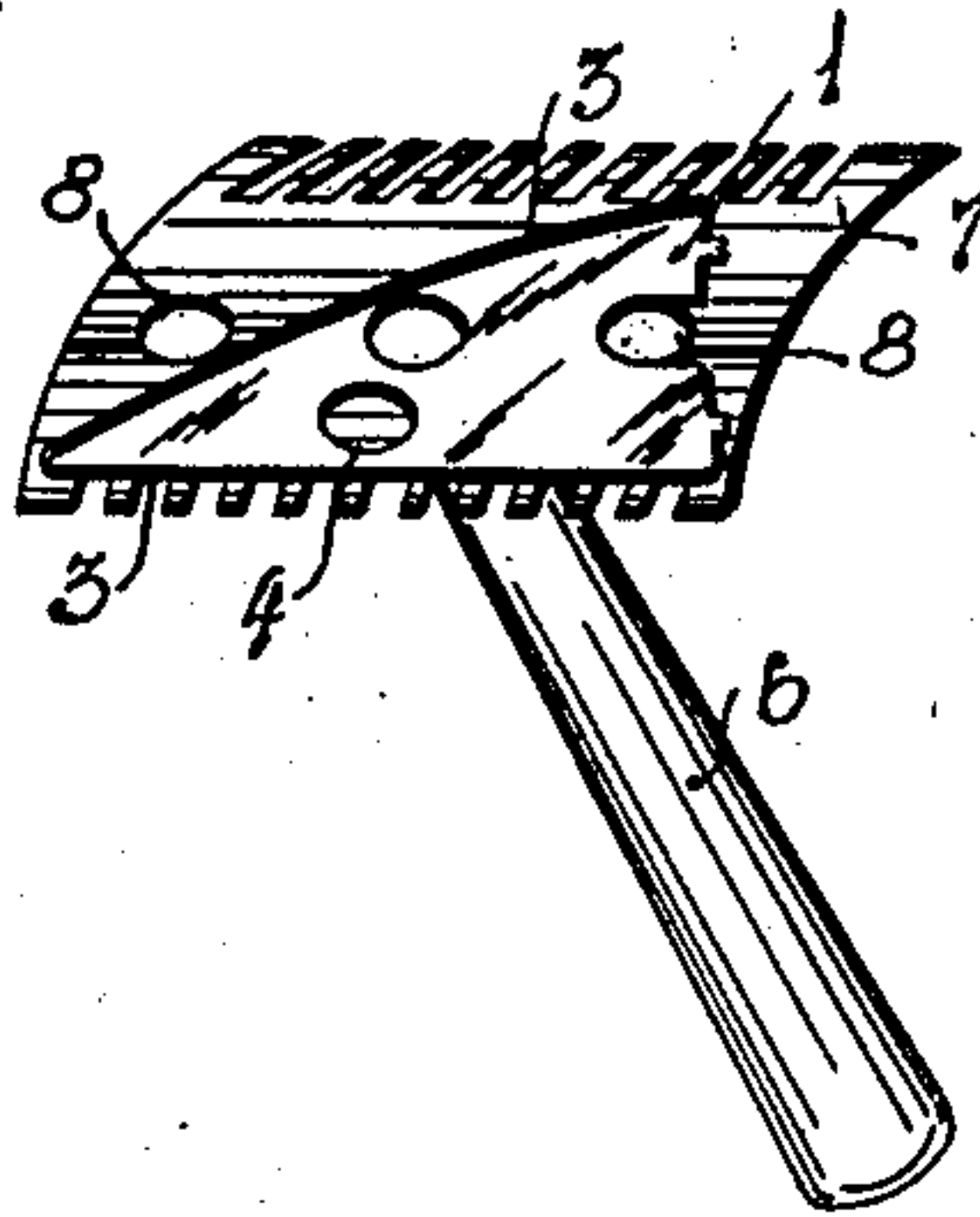


Fig. 3



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SAFETY RAZOR BLADE

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3 Claims. (Cl. 30—351)

Our present invention relates to a new type of safety razor blade to be used in connection with conventional safety razors of the type in which the razor blade is retained between a cap and a guard by means of studs or the like provided on the cap or guard and engaging corresponding perforations in the razor blade and in the other razor member.

Known safety razor blades used in connection with the shaving apparatus of the class referred to generally are of rectangular shape and having cutting edges along the longer sides of the rectangle formed by the blades. Proposals have been made to change the rectangular shape of blades, but the result was that the razor had to be modified correspondingly. Such propositions did not find acceptance on the market, for the reason that the razors of rectangular form are in use all over the world, and the introduction into the world market of differently shaped razor blades and razors would require enormous capital with but slight chance of profit.

On the other hand, however, it has to be recognized that good razor blades maintain a relatively high price on the market, and due to this fact it is desirable to increase the utility of a razor blade, and it is imperative to provide efficient means for preventing the used blades from being sharpened and sold again as new blades.

The new safety razor blade according to our present invention complies with both of the aforementioned requirements. The blade is of diamond shape and comprises four cutting edges, one along each side of the diamond, which may be used indiscriminately so that the utility as compared with that of the ordinary rectangular razor blades is doubled.

Our new safety razor blade of diamond shape is formed by two interconnected triangular portions and comprises bridge members for interconnecting the aforementioned portions, said bridge members being easily broken, and the diamond shaped blade thus is divided into two triangular blades intended to be used individually for the shaving operation and so constructed that they may be used in connection with the well-known shaving apparatus of the class hereinbefore referred to.

The safety razor blades according to our invention are manufactured in diamond shape as hereinbefore described, and since it is absolutely necessary to break the bridge members between their triangular portions in order to use them, these razor blades cannot be resharpened and

sold again as new ones without the buyer immediately becoming aware of it.

Thus it will be readily appreciated that the safety razor blades according to our present invention, comply with the requirements, i. e. to increase their utility and to prevent the same, once used, from being sharpened and sold again.

With such objects in view, and others which will appear as the description proceeds, the invention will now be described more particularly, with reference to the accompanying drawing, wherein similar numerals of reference indicate corresponding parts in the different views, and wherein:

Figure 1 is a plan view of the diamond shape safety razor blade according to our invention;

Figure 2 is a similar view showing the same blade broken into its two triangular portions; and

Figure 3 is a perspective view of a shaving apparatus with one of the triangular portions of our new safety razor blade in correct position for shaving, but without the cap which has been omitted in order to show the position of the blade.

With reference to the accompanying drawing, our new safety razor blade is of diamond shape as clearly illustrated in Figure 1, and is formed by two identical isosceles or like triangular portions 1 provided with round angles or corners and interconnected by small bridge members 2, which are of the same material, but which are so frail that they may be easily broken to divide the diamond shaped blade (Figure 1) into two identical triangles (Figure 2). These triangular portions constitute individual razor blades, each of which comprises two cutting edges 3, so that the original diamond shape razor blade provides four cutting edges and thus doubles its utility as compared with the ordinary rectangular razor blades.

Each of the two triangular blade portions 1 is provided with two perforations 4 and with a notch 5, this notch being disposed on the shorter side of the triangle, as illustrated in Figures 1 and 2.

In order to show clearly how to use our new safety razor blade a conventional razor has been partially illustrated in Figure 3, in which the reference numeral 6 indicates the handle and 7 the comb-like guard, the outer cap being omitted for the purpose of better showing the operative position of the blade 1 adapted to be held in said position between said members by means of studs usually provided on the cap and arranged to

engage the perforations of the blade and the co-operating guard 7.

5 In the present invention, the location of the triangular blade portion 1 in its operative position is such that the notch 5 coincides with one of the outer perforations 8 of the comb-like member 7, and one of the two perforations 4 of the blade portion 1 coincides with the central perforation of the guard 7 of the razor.

10 Thus it will be evident from Figure 3 that for using a desired cutting edge 3 of the blade portion 1, the perforation 4 opposite to said cutting edge has to coincide with the center perforation of the guard 7 of the shaving apparatus.

15 It will be appreciated that by inserting the studs of the cap into the notch 5 and one of the perforations 4 of the blade portion 1 and then into the perforations 8 of the guard 7 of the apparatus, said blade portion will be firmly held 20 in correct position for the shaving operation, i. e. upon proper manipulation of the handle 6.

Having thus described our present invention, what we claim as new and desire to secure by Letters Patent is:

25 1. A safety razor blade of diamond shape, having a cutting edge at each of the four sides of the diamond formed by the blade, which comprises two triangular blade portions, sharpened edges on two sides of each triangular portion, the 30 third side of each triangular portion being unsharpened, bridge members interconnecting said unsharpened blade portions, a pair of perforations in each of said portions and a notch at the unsharpened side of said portions, said perfora-

tions and said notch being dimensioned to engage the usual three studs provided on Gillette type safety razors, one of the outer studs of the apparatus engaging said notch and the centre stud engaging one of said perforations in the blade 5 portion.

2. A diamond-shaped safety razor blade formed by two separable triangular blade portions for individual use, each portion having two cutting 10 edges, said razor blade comprising easily frangible bridge members interconnecting the triangular blade portions, breaking of said bridge members serving to show use and prevent resale, means in each of said blade portions adapting the same for being individually used as razor 15 blade in a Gillette type safety razor.

3. A diamond-shaped safety razor blade formed by two separable triangular blade portions for individual use, each portion having two cutting 20 edges, said razor blade comprising easily frangible bridge members interconnecting the triangular portions, breaking of said bridge members serving to show use and prevent resale, a pair of perforations in each of said portions and a notch at each of the adjacent sides of said 25 portions, said perforations and notches being designed to engage the usual three studs provided on Gillette type safety razors, studs of the apparatus engaging said notch and the center stud engaging one of said pair of perforations in the 30 blade portions.

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