Jan. 20, 1959 T. H. HIGHTOWER 2,869,229

HOLDER FOR HAIR TRIMMING BLADE

Filed May 31, 1957

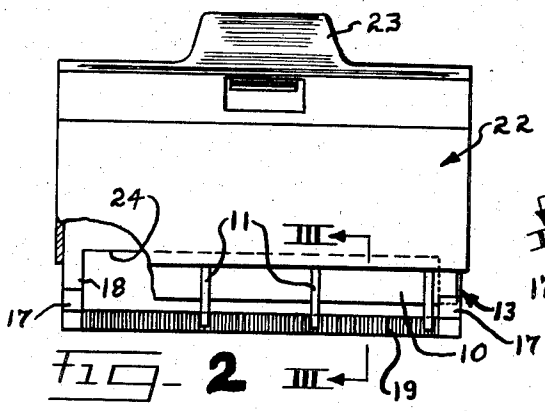


Fig. 2

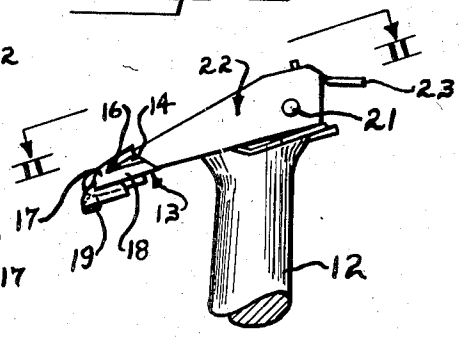


Fig. 1

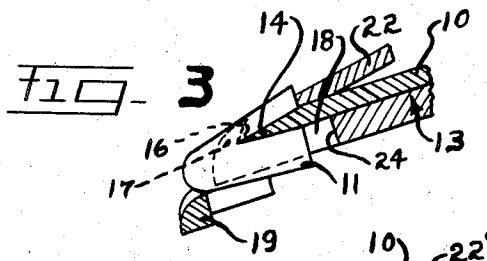


Fig. 3

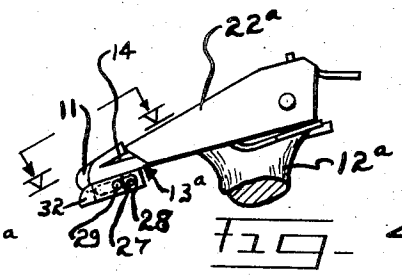


Fig. 4

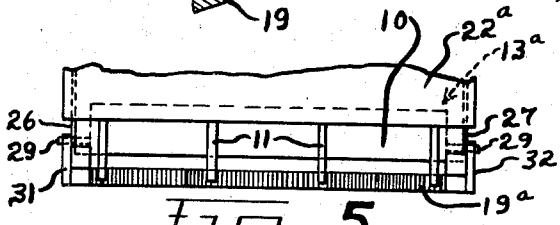
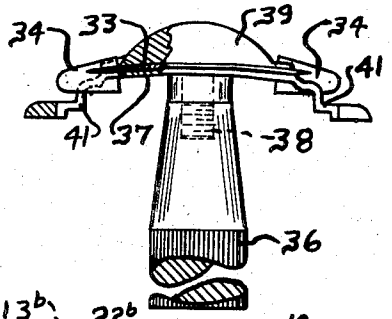


Fig. 5

Fig. 6



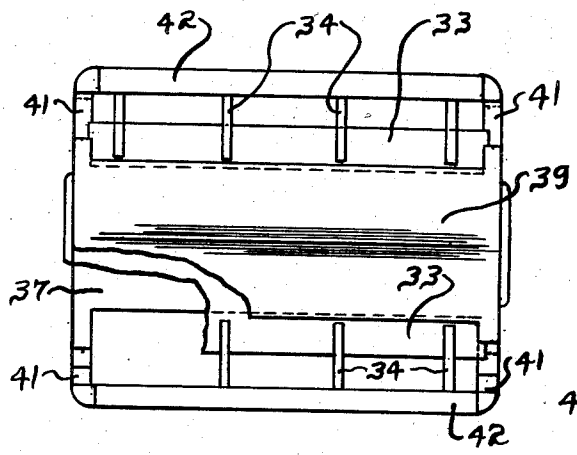


Fig. 7

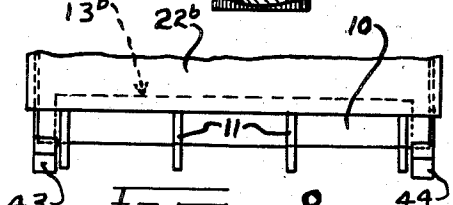


Fig. 8

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HOLDER FOR HAIR TRIMMING BLADE

Thomas H. Hightower, Birmingham, Ala.

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3 Claims. (Cl. 30—30)

This invention relates to a holder for a hair trimming blade and has for an object the provision of such a holder which shall have guard members which are positioned outwardly of and below the cutting edge of the blade whereby ample room is provided for receiving the hair to be trimmed.

Another object of my invention is to provide a holder for a hair cutting blade of the character designated which shall be adapted to hold a blade having spaced apart gauge members thereon whereby the gauge members are positioned outwardly of the clamping portions of the holder, thus permitting firm engagement of the blade by the holder.

A further object of my invention is to provide a holder for a hair trimming blade in which the cutting edge of the blade is not obstructed by closely positioned guard members, thus permitting the user to have a better view of the cutting edge of the blade as the hair is trimmed.

A still further object of my invention is to provide a holder for a hair trimming blade which shall be simple of construction, economical of manufacture and one which shall be particularly adapted for use with hair trimming blades of the type described and claimed in my co-pending application Serial No. 641,076, filed February 19, 1957, and entitled Hair Trimming Blade for Safety Razors.

Holders for hair trimming blades embodying features of my invention are shown in the accompanying drawing, forming a part of this application, in which:

Fig. 1 is a side elevational view, partly broken away and in section, showing a holder for single edge type hair trimming blade;

Fig. 2 is a plan view, partly broken away and in section, taken generally along the line II—II of Fig. 1;

Fig. 3 is an enlarged fragmental view taken generally along the line III—III of Fig. 2;

Fig. 4 is a side elevational view, partly broken away and in section, showing a modified form of holder;

Fig. 5 is a fragmental view taken along the line V—V of Fig. 4;

Fig. 6 is a side elevational view, partly broken away and in section, showing a further modified form of holder which is particularly adapted for use with double edge hair trimming blades;

Fig. 7 is a plan view, partly broken away, of the holder shown in Fig. 6; and,

Fig. 8 is a fragmental plan view showing a further modified form of holder.

Referring now to the drawing for a better understanding of my invention, I show in Figs. 1 through 3 a holder which is adapted for use with single edge hair trimming blades **10**. The hair trimming blades **10** may be of the type described and claimed in my aforementioned co-pending application in which spaced apart gauge members **11** are attached to the blade along the cutting edge thereof to determine the depth of cut made by the blade.

My improved holder comprises a handle **12** which is

attached to a transverse member **13**. As shown in Fig. 3, the transverse member **13** engages the undersurface of the blade **10** with each end of the cutting edge **14** of the blade resting in a recess **16** provided at the forward end of the transverse member **13**. The recess **16** is formed by providing hook-like members **17** at the outer ends of outwardly projecting support members **18** which are formed integrally with the transverse member **13**. Connecting the outer ends of the outwardly projecting support members **18** and extending substantially parallel to the cutting edge **14** of the blade **10** is an elongated guard member **19** which is spaced forward of and below the cutting edge **14**, as shown in Fig. 3.

Pivotally connected to the transverse member **13** by a suitable pivot pin **21** is a cover member **22** which may be moved into and out of clamping engagement with the blade **10** by a suitable actuating handle **23**. As shown in Fig. 3, the cover member **22** terminates adjacent the gauge members **11** which are attached to the blade **10** whereby the cover member can move into direct clamping engagement with the blade **10**. Also, as shown in Fig. 3, the portion of the transverse member **13** between the outwardly projecting support members **18** is cut away as at **24** a substantial distance inwardly of the cutting edge **14** whereby there is ample room for the hair being trimmed to pass beneath the cutting edge and between the guard member **19** and the adjacent portion of the transverse member **13**. Also, this opening between the transverse member **13** and the guard member permits the hair being trimmed to be in clear view of the user.

In operation, the blade **10** is inserted in the holder and is clamped between the transverse member **13** and the cover member **22**. As the holder with the blade in place is drawn downwardly against the hair to be trimmed, the gauge members **11** determine the depth of cut made by the cutting edge **14** thereby assuring even trimming of the hair. As the hair is cut, it falls beneath the cutting edge of the blade through the opening defined between the guard member **19** and the adjacent portion of the transverse member **13**. By looking in a mirror, the user can actually see the position of the cutting edge **14** relative to the hair being trimmed due to the wide spacing between the guard member **19** and the adjacent portion of the transverse member **13**. Also, the wide space between the guard member **19** and the adjacent portion of the transverse member **13** provides ample room for cleaning the holder.

Referring now to Figs. 4 and 5 of the drawing, I show a modified form of single edge blade holder which comprises a handle **12***a*, a transverse member **13***a* and a cover member **22***a*. Extending outwardly beneath each end of the transverse member **13***a* are outwardly projecting support members **26** and **27** having elongated slots **28** therein for receiving a pivot pin **29**. The pivot pin **29** is secured to inwardly projecting arms **31** and **32** which extend alongside the outwardly projecting support members **26** and **27**, respectively. Connecting the outer ends of the support members **31** and **32** is an elongated guard member **19***a* which is spaced from the cutting edge of the blade **10**, as clearly shown in Fig. 5. By pivotally connecting the arms **31** and **32** to the outwardly projecting members **26** and **27**, the guard member **19***a* may be moved about the pivot pin **29** whereby the position of the guard member **19***a* relative to the cutting edge of the blade may be varied. Free pivotal movement of the arms **31** and **32** relative to the adjacent members **26** and **27** is prevented due to the frictional contact between the arm members **31** and **32** and the adjacent outwardly projecting members.

The operation of the holder shown in Figs. 4 and 5 is substantially the same as that of the holder shown in

Figs. 1 through 3. The only difference being the addition of the means for adjusting the guard member **19***a* relative to the cutting edge of the blade.

Referring to Figs. 6 and 7 of the drawing, I show a holder which is adapted for use with double edge hair trimming blades **33** which have spaced gauge members **34** thereon which are similar in every respect to the gauge members **11** shown in Figs. 1 through 5. The holder shown in Figs. 6 and 7 comprises a handle member **36** which is secured to a transverse member **37**. Connected to the handle member **36** by means of a suitable stud **38** is a cover member **39**. As shown in Fig. 6, the blade **33** is clamped between the transverse member **37** and the cover member **39** with the gauge members **34** positioned outwardly of the outer portion of the transverse member **37**, as shown. The transverse member **37** is provided with outwardly and downwardly extending support members **41** at each side thereof, as shown. Connecting the outer ends of the support members **41** are elongated guard members **42** which are spaced a substantial distance from the cutting edge of the blade **33**.

The operation of the holder shown in Figs. 6 and 7 is substantially the same as that of the holders described heretofore. That is, the guard members **42** are positioned a substantial distance from the cutting edge of the blade and from the adjacent portion of the transverse member **37**, thus defining a substantial gap beneath and forward of the cutting edge of the blade.

In Fig. 8 of the drawing I show a still further modified form of holder in which the blade **10** is supported by a lower transverse member **13***b* and is clamped thereagainst by a cover member **22***b*. Extending outwardly from each side of the transverse member **13***b* are outwardly projecting members **43** and **44** which are similar to the outwardly projecting support members **18** for the solder shown in Figs. 1 through 3. The space between the outer ends of the outwardly projecting members **43** and **44** is left open whereby the gauge members **11** for the blade **10** bear directly against the head of the user to determine the depth of cut may by the blade. The outwardly projecting members **43** and **44** serve the purpose of guard members. The operation of the holder shown in Fig. 8 is similar to that of the other holders described hereinabove, the difference being that the transverse guard members are eliminated.

From the foregoing it will be seen that I have devised an improved holder for a hair trimming blade which is simple of construction, economical of manufacture and one which readily lends itself to mass production. By providing the large gap between the cutting edge of the blade and the guard member for the holder, ample room is provided for cleaning the holder as well as providing sufficient room for the discharge of hair being trimmed.

While I have shown my invention in several forms, it will be obvious to those skilled in the art that it is not so limited, but is susceptible of various changes and modifications without departing from the spirit thereof, and I desire, therefore, that only such limitations shall be placed thereupon as are specifically set forth in the appended claims.

What I claim is:

1. In a holder for a hair trimming blade having gauge members on both sides thereof to determine the depth of cut made by the blade, a handle for the holder, a transverse member attached to said handle for engaging the underside of the blade at a position rearwardly of the gauge members on the underside of the blade, an outwardly projecting support member on each end of said transverse member extending forwardly of the forward edge of the transverse member for engaging and supporting the end edges of the blade forwardly of the transverse member, an elongated guard member having inwardly extending projections adjacent the ends thereof adjustably connected to the outwardly projecting members, said guard member extending substantially parallel to the cutting edge of the blade in spaced relation to the transverse member and adapted for supporting the gauge members on the underside of the blade and spacing the cutting edge from the guard member whereby hair being cut by said cutting edge is received between the blade and the guard member and is removed through the space between the transverse and the guard members, a cover member adapted to engage the side of the blade opposite the transverse member, and means holding said cover member in engagement with said trimming blade.

2. In a holder for a hair trimming blade having gauge members attached to the cutting edge thereof to determine the depth of cut made by the blade, a handle, a transverse member attached to said handle and adapted to engage one side of the trimming blade rearwardly of the gauge members, outwardly projecting supporting arms adjacent the ends of said transverse member for supporting the end edges of the blade forwardly of the transverse member, an elongated guard member extending between the suporting arms and being spaced from the transverse member, inwardly extending arms on said guard member disposed in frictional engagement with said outwardly projecting arms, means pivotally connecting said inwardly extending arms to said outwardly projecting arms whereby the position of said guard member may be adjusted relative to the cutting edge of the blade, a cover member adapted to engage the side of said trimming blade opposite said transverse member, and means holding said cover member in engagement with said trimming blade.

3. A holder for a hair trimming blade as defined in claim 2 in which an elongated slot is provided in at least one of the arms which are in frictional engagement with each other and a pivot pin extends through said slot whereby the arms are connected to each other for pivotal and longitudinal movement relative to each other.

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