March 28, 1933. C. DAHL 1,903,257

SHEARS

Filed Feb. 23, 1932

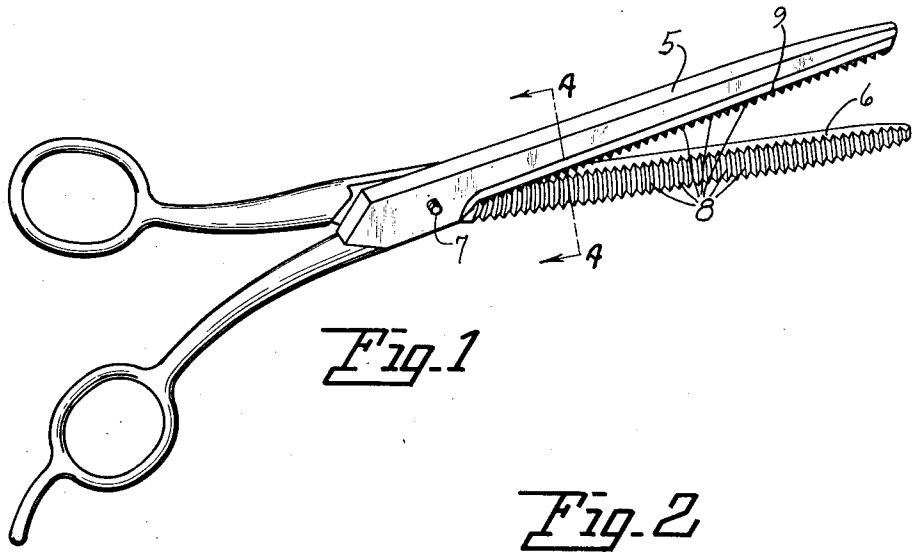


Fig. 1

Fig. 2

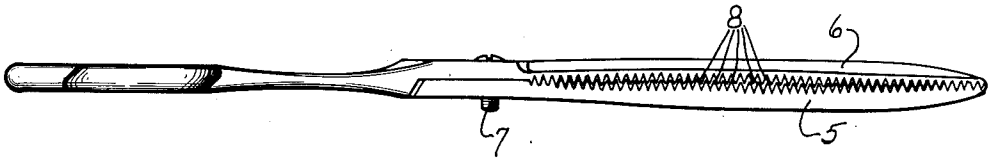


Fig. 3

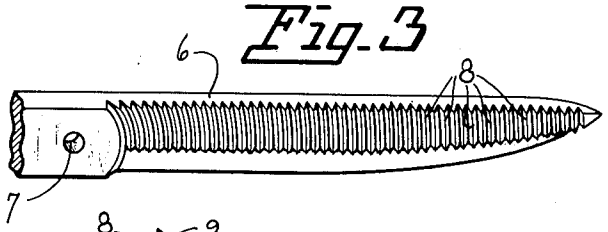
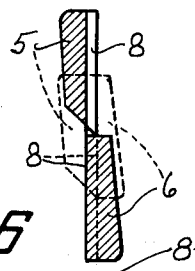


Fig. 4



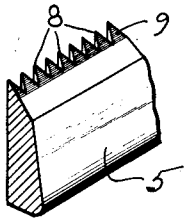
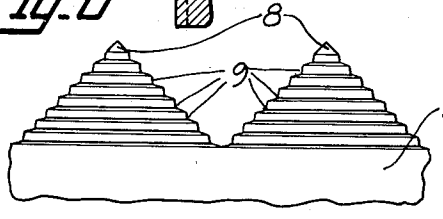


Fig. 5

Fig. 6



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1,903,257

UNITED STATES PATENT OFFICE

CHARLES DAHL, OF FERNWOOD, IDAHO

SHEARS

Application filed February 23, 1932. Serial No. 594,429.

My invention relates to shears and more particularly to scissors for use in cutting hair. Certain objects of the invention are to provide a pair of shears having teeth extending transversely across the blades and adapted to mesh with each other when the blades are closed whereby hair is securely grasped and an uneven hair line is the result of the cut. Further objects are to provide small grooves extending longitudinally of the blades across the outer edges of the teeth whereby hair is further prevented from sliding up the teeth when it is being cut.

With the above and other objects in view which will appear as the description proceeds, the invention consists of the novel construction, adaptation, combination and arrangement of parts hereinafter described and claimed. These objects are accomplished by devices illustrated in the accompanying drawing, wherein:

Figure 1 is a general view in perspective of the shears; Fig. 2 is a top plan view of the same; Fig. 3 is a view in side elevation showing a scissor blade of modified form; Fig. 4 is a view in transverse section taken on a broken line 4—4 of Fig. 1; Fig. 5 is an enlarged detail view in perspective showing a fragmentary portion of one of the blades; and Fig. 6 is an enlarged fragmentary plan view showing the small grooves running longitudinally of the blades across the outer edges of the teeth.

Referring to the drawing throughout which like reference numerals indicate like parts, the numerals 5 and 6 designate the two blades of a pair of shears that are pivotally connected at 7 in the ordinary manner. My invention resides essentially in the cutting edges or portion of the blades and instead of having the usual straight cutting edges I provide the blades with teeth 8 extending transversely and accurately across the inner face of each blade. The teeth on one blade are arranged to fit into the teeth on the other blades when the blades are closed. Said teeth are arcuate in form concentrically with the pivot 7 so that they slidably mesh together when the blades are opened and closed as will be understood.

Referring particularly to Figs. 4 and 5 of the drawing, the edge portions of the teeth 8, which first engage each other on the points, when the blades are closed, project outwardly from the blades due to the fact that said blade 5 has a beveled edge and the blade 6 is straight across. The teeth will therefore grasp hair more securely and prevent it from slipping longitudinally of the blades as is often the case when using scissors with the ordinary straight edge blades. As a further means of preventing hair from slipping I have provided small grooves 9 extending longitudinally of the blades across the outer edges of the teeth as clearly shown in Fig. 6 of the drawing. In Fig. 3 I have shown a modified form wherein the teeth 8 do not extend entirely across the blades thus leaving portions of the blades smooth.

Having thus described my invention, it being understood that minor changes in its construction and arrangement may be resorted to without departing from the scope and spirit of the invention, what I claim and desire to secure by Letters Patent of the United States is:—

A pair of shears having two pivotally connected blades, teeth extending transversely of the inner faces of both blades, said teeth arcuately disposed concentric with the pivotal connection of the blades, the inner ends of the teeth projecting beyond the inner edges of the blades, small grooves, extending longitudinally of the blades across the outer projecting edges of the teeth, and the teeth on one blade arranged to mesh with the teeth on the other blade when the blades are closed.

In testimony whereof I affix my signature.

CHARLES DAHL.