

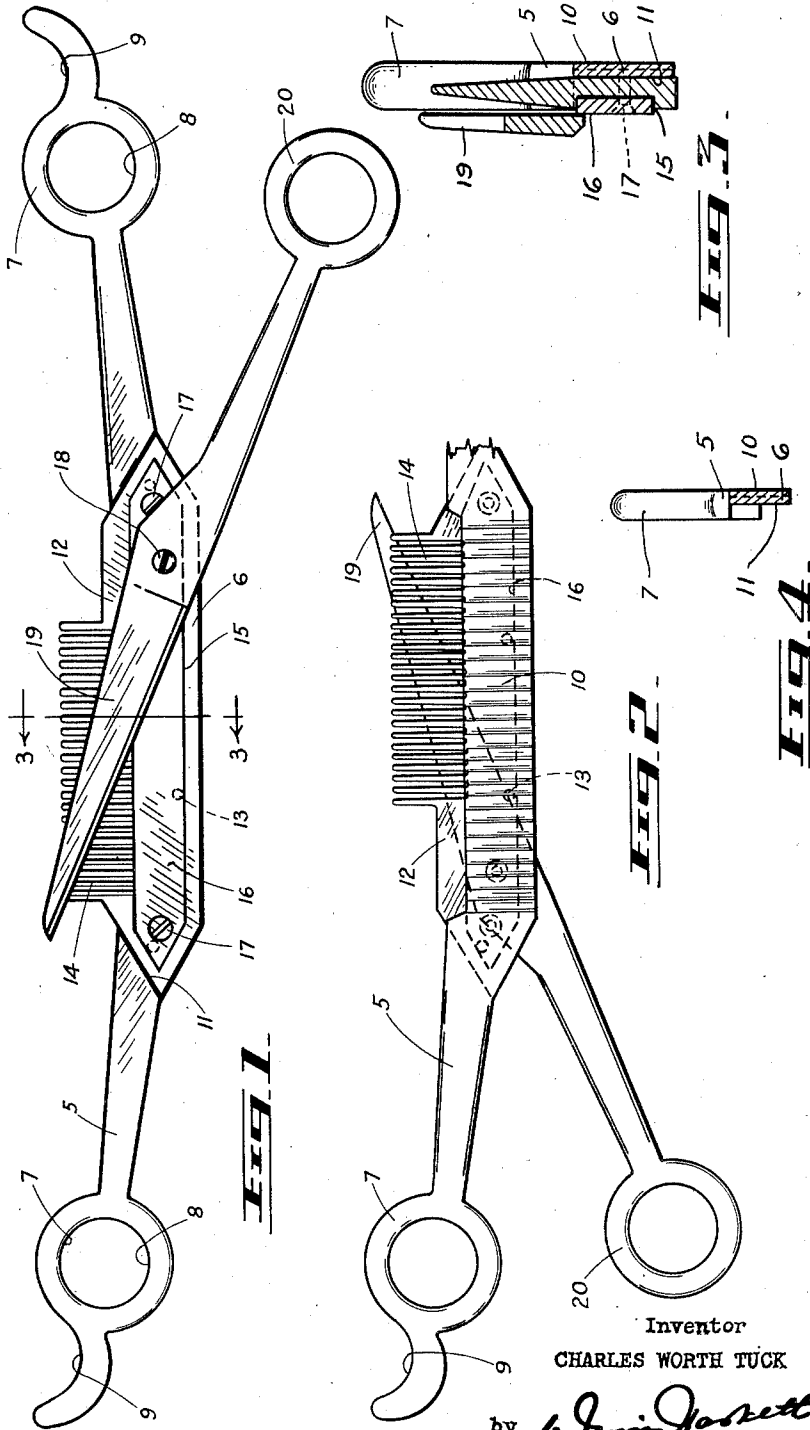
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COMBINED COMB AND SHEARS

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COMBINED COMB AND SHEARS

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1 Claim. (Cl. 7—6.1)

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My present invention relates to improvements in shears and appertains particularly to shears or scissors designed especially for cutting hair and incorporating a combined comb element and a novel type of frame.

An object of the invention is to provide a hair cutting implement combining comb and shears in a fixed relation enabling an amateur or novice to do barbering successfully, by making it simple and easy to pick up the hair, cut it evenly, tapering and blending it to the contour of the person's head, all the while holding the implement steadily and manipulating it with a seemingly amazing degree of dexterity and skill.

A further object of the invention is to provide a combined comb and shears provided with a special frame or handle piece that increases the user's control and thus imparts a greater measure of confidence in his ability to do a first-class hair cutting job.

A further object of the invention is to provide a hair cutting implement from which the blades of the shears are removable both together or individually for sharpening or replacement.

A further object of the invention is to provide a combined comb and shears for hair cutting and the like from which the comb is easily removed for cleaning or substitution by another finer or coarser one as desired.

A still further object of the invention is the provision of shears of the nature and for the purpose described that are characterized by structural simplicity, durability and efficiency of design, answering a long felt need in the rural home, camp and prison or other place or outlying district where a barber is not convenient or the time to visit one is not easily spared, and being capable of manufacture and sale at reasonable cost is thereby rendered commercially desirable.

To the accomplishment of these and related objects as shall become apparent as the description proceeds, the invention resides in the construction, combination and arrangement of parts as hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

The invention will be best understood and can be more clearly described when reference is had to the drawings forming a part of this disclosure wherein like characters indicate like parts throughout the several views.

In the drawings:

Figure 1 is an elevation of one possible embodiment of my improved shears;

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Figure 2 is a similar elevation of the reverse side thereof; and

Figure 3 is a detail transverse section of the implement as taken on line 3—3 of Figure 1, in the direction indicated by the arrows.

Figure 4 is a transverse section of the frame taken through the recessed part.

My improved hair cutting shears, as illustrated in the attached drawings, consist of a two handled frame 5 having a relatively flat body or center part 6 and handle extensions 7 on opposite ends that diverge slightly upwards. Each extension is perforated to provide a finger opening 8 and beyond this is terminally provided with a hooked finger rest 9. The flat or centre part 6 of the frame 5 is fluted or corrugated on its rear as at 10 so that it will tend to slide more easily in a straight line. The front face of this central portion is recessed to provide a pocket 11, into which a comb element 12 is inserted and removably held by several small screws 13, the teeth 14 of this comb, which may be graduated as to length and coarseness, rising from the upper edge of the frame 5 to a substantial distance there above. This comb may be fine, medium or coarse or a set of two or three interchangeable ones may be provided. For practically the length of this comb, a horizontal channel 15 is cut in the forward side with its upper edge substantially level with the bottom of the comb teeth 14 or approximately even with the top of the centre part of the frame 5.

Into this channel a shear blade 16 is set and secured by countersunk screws 17; it is thicker than the depth of the channel so stands out from the comb with its upper cutting edge substantially level with the bottom of the comb teeth. It has no handle apart from the two handled supporting frame 5. Pivotaly connected to this blade by a pivot screw 18, in the usual manner of connecting the two crossed blades of a pair of shears or scissors, is a second shear blade 19 that is finished with a conventional handle 20 on its outer end for co-operation with the adjacent handle end of the frame 5. For sharpening, replacing or adjusting these two blades may be removed together or separately from the comb and frame, or the two blades of the shears may be removed in one piece to allow of changing the comb.

In use, this simple, combination hair cutting tool that takes the place of the old fashioned separate barber's comb and shears, can be used by any novice; the usual scissor end being held in the ordinary way by the user's right hand with

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the thumb in the pivoted shear blade handle 20 and the middle finger in the handle opening 8. The user's left hand similarly grasps the opposite handle end of the frame 5. Because of the flutings 10 on the back of the frame, it slides smoothly up the head of the person whose hair is being cut and tends to resist side movement or shaking. Operating the pivoted shear blade 19 in the usual way, the hair is picked up by the comb 14, on the frame 5 that is held steadily in the user's two hands, and is cut evenly, tapered or blended to the contour of the person's head. It is obvious that considerable skill is required to correlate the manipulation of a loose comb in one hand and the operation of a pair of shears in the other—but the fixed relationship of the comb and shear blades as disclosed in this invention, makes hair cutting simple, even for the novice, and enables the hair to be cut or trimmed with ease at any angle.

From the foregoing description taken in connection with the accompanying drawings, it will be manifest that shears are provided that will fulfil all the necessary requirements of such a device, but as many changes could be made in the above description and many apparently widely different embodiments of the invention may be constructed within the scope of the appended claim, without departing from the spirit or scope thereof, it is intended that all matters contained in the said accompanying specification and drawings shall be interpreted as il-

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lustrative and not in a limitative or restrictive sense.

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

5 Shears for cutting hair and the like comprising a two handled frame, a centrally disposed recess on one side of the frame, the other side of said frame being fluted, a comb element removably secured in said recess with the teeth thereof projecting laterally from said frame, a longitudinal channel in the exposed face of said comb, a shear blade of a thickness greater than the depth of the channel seated in said channel and a second 10 shear blade including a handle and cooperating with said first mentioned shear blade and one of the handles of said frame, and means pivotally connecting said second shear blade to said first mentioned shear blade.

20 CHARLES WORTH TUCK.

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