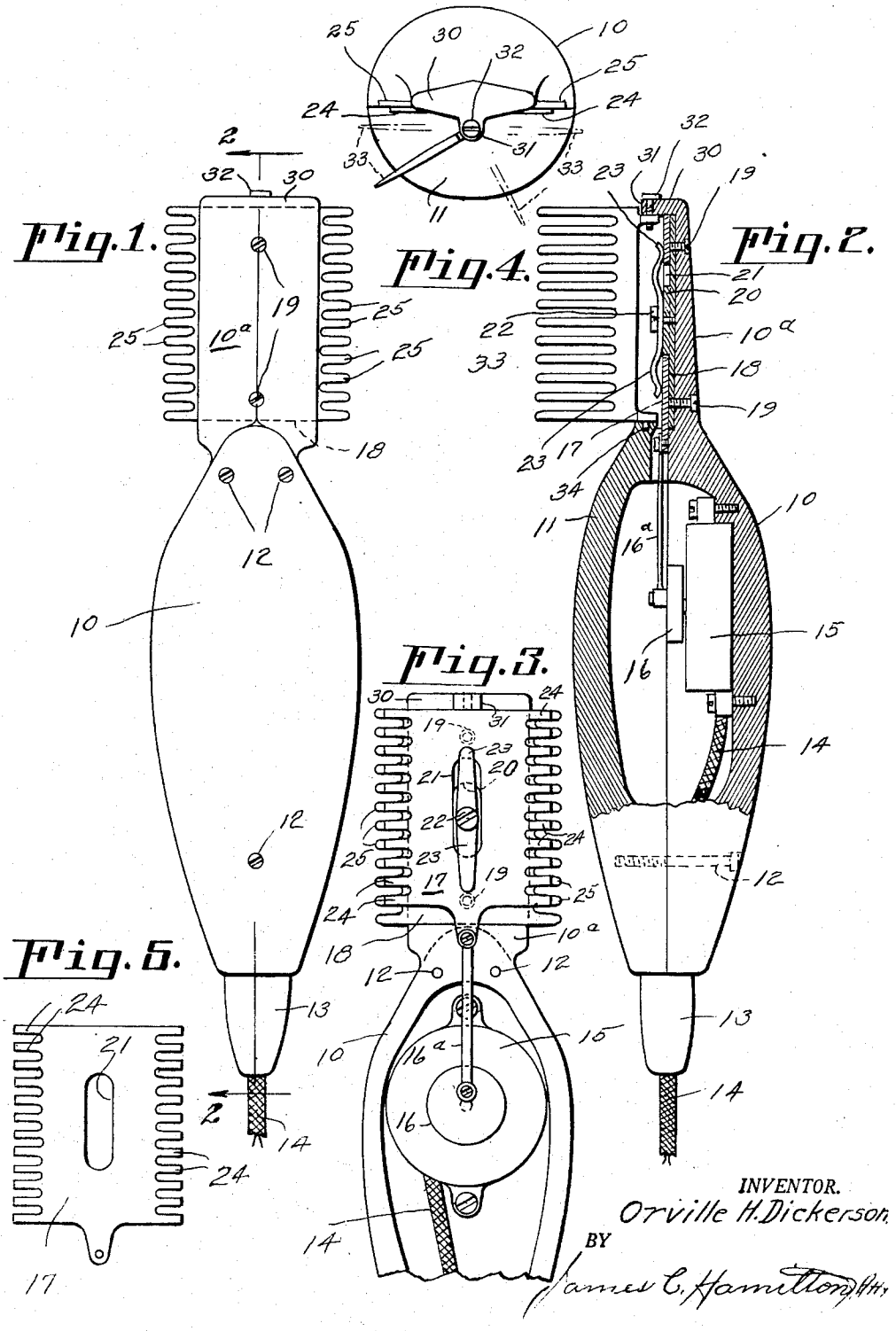
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HAIR CLIPPER

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HAIR CLIPPER

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1 Claim. (Cl. 30—201)

My present invention relates to hair clippers and more particularly to a combination hair clipper and comb.

The principal object is to produce an improved hair clipper.

Another object is to produce an improved hair cutter in combination with a comb which not only guides the hair into the cutters, but at the same time limits the depth of cut of the cutters with respect to the scalp of the person on which the instrument is used.

Other objects and novel features comprising the construction and operation of the device will be more apparent as the description of the same progresses.

In the drawings illustrating the invention:

Fig. 1 is an upper side elevation;

Fig. 2 is a cross-section taken on the line 2—2 of Fig. 1, portions of which are shown in elevation;

Fig. 3 is a fragmentary lower side elevation with the cover of the body casing and the comb attachment removed;

Fig. 4 is a front end elevation, the dot-and-dash lines indicating various positions of the pivoted comb portion, and

Fig. 5 is a side elevation of the reciprocating cutter blade.

Referring more in detail to the invention, **10** indicates the upper cover casing which is secured to the lower cover casing **11** by the screws **12**. **13** indicates a conventional electric plug and cord **14**. An electric switch may be mounted on the cord or in the casing at the option of the manufacturer, not being pertinent to the invention disclosed.

15 indicates an electric motor and fly-wheel **16** to which is eccentrically pivoted a reciprocating rod **16***a*. The motor **15** may be of any design or type found suitable for operating the reciprocating cutter blade **17**, better shown in detail in Fig. 5.

The upper casing **10** is provided with an extended head portion **10***a* in the lower side of which is flush-mounted a stationary toothed cutter blade **18** being held securely in the head **10***a* by the screws **19**. In the central portion of the fixed blade **18** is an elongated key-like member **20** which provides a guide portion for the reciprocating cutter blade **17** which is provided with an elongated slot **21** engaging the sides of the key-like member **20**.

Secured by screws **22** to the central portion of the said key-like member **20** is a double-ended leaf tension spring **23** adjusted to resiliently bear against the reciprocating cutter blade **17**, maintaining close shearing contact with the fixed cutter blade **18** so that the slotted edges **24** of the reciprocating blade **17** and the slotted edges **25** of the fixed blade **18** produce shearing action when the reciprocating blade is in action.

On the extreme end of the upper casing extension portion **10***a* which comprises a portion of the head portion of the device is a right-angled portion **30** having a lug portion **31** extending below the portion **30** from which is pivoted on the screw **32** a comb portion **33**. The other end of the comb portion is pivoted at the pin **34** in the lower casing cover portion **11**.

In operation, the comb portion **33** is set at any angle desired raising the cutters **17** and **18** at the desired point and the comb directs the hair to the cutters.

The hair cutter or clipper is primarily designed for use by the person desiring self-use.

Having thus described my invention, what I claim as new is:

An improved hair clipper comprising, a two-piece split casing having a cover portion and body portion, an electric motor mounted in said body portion with a pivoted crank portion extending through an opening in the upper end of said casing, said body portion having an extended head portion extended beyond the forward end of said cover portion to which is fixed a shear portion provided with teeth on opposite sides, said teeth having major axis at right-angles to the major axis of said base extension portion, a reciprocating shearing member resiliently held and guided on the said fixed shear portion, the lower end of said reciprocating shearing member being pivoted to the upper end of said crank portion, a comb member pivoted to the upper end of the said base extension portion and the upper end of said cover portion of said casing, said comb having teeth parallelly arranged with respect to the teeth of said shearing members, the teeth of said comb being longer than the teeth of the shearing members when pivoted to one side above said shearing members, the pivoting motion of said comb having not less than one-hundred-and-eighty degrees movement.

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