Feb. 24, 1953 J. L. KLEINMAN 2,629,169

SHAVING IMPLEMENT

Filed Feb. 5, 1947

FIG. 1

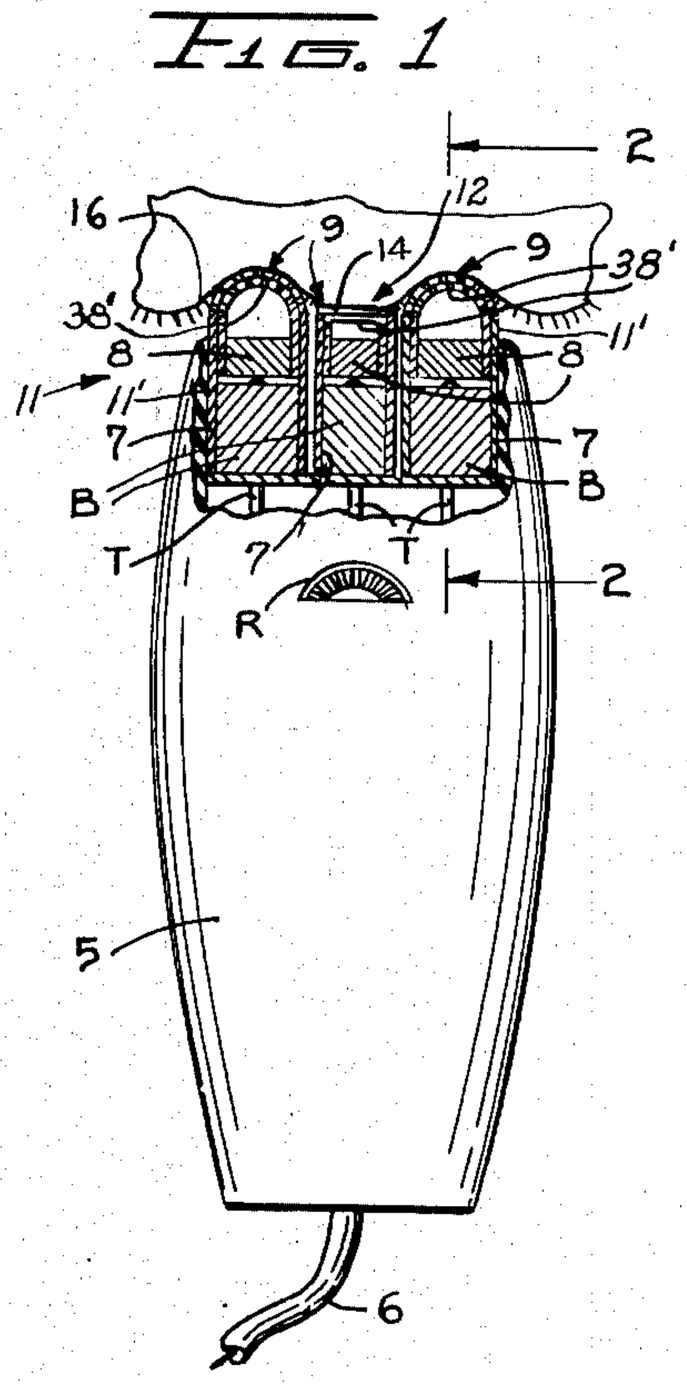


FIG. 2

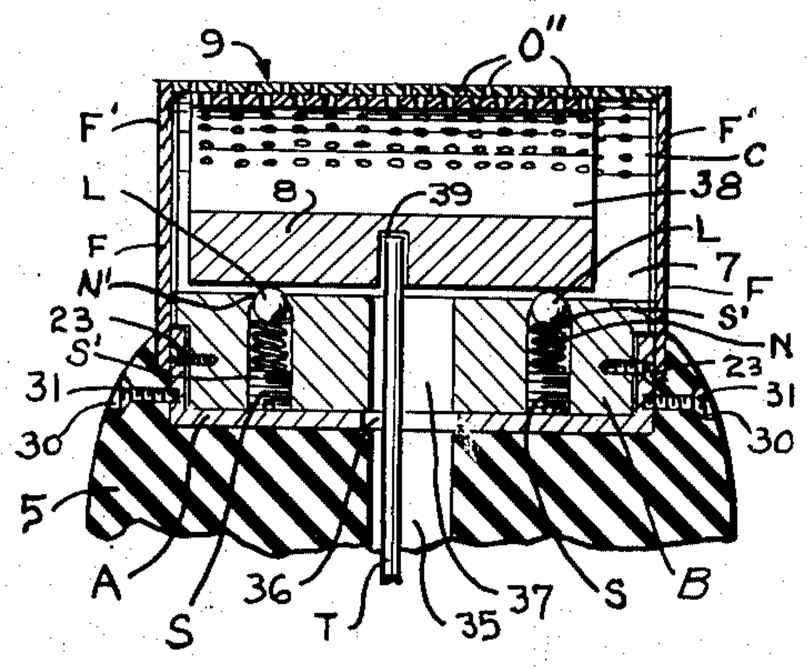


FIG. 3

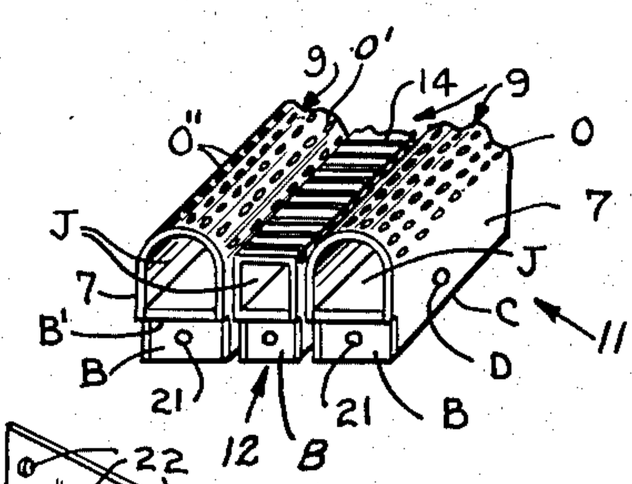


FIG. 5

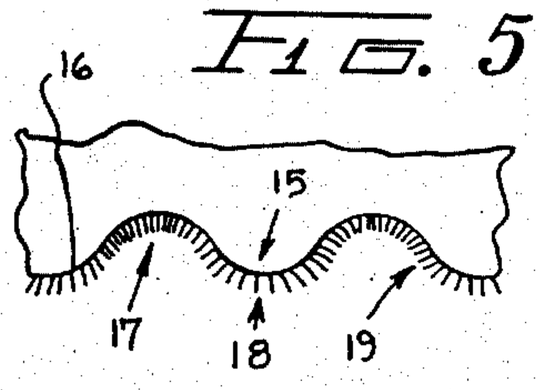
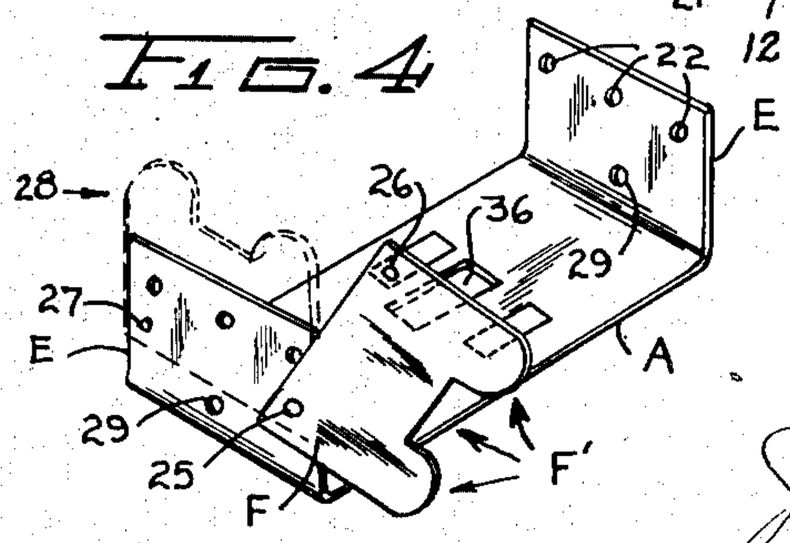


FIG. 4



INVENTOR.

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SHAVING IMPLEMENT

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14 Claims. (Cl. 30—34)

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This invention relates to the construction of shaving implements in general, and more particularly to a type known as electric razors.

In accordance with my invention, I produce a shaving implement provided with a plurality of cutting units, wherein two of such cutting units are positioned in a spaced manner having their upper shearing faces disposed at an even level with respect to each other, and a third of said cutting units being positioned between such two spaced-apart cutting units in a manner forming an inner shaving unit having its upper shearing face disposed at a lower level than that of the level of the said two spaced cutting units, thereby providing a spaced section therebetween for the skin of the face to be shaved to bulge therein, and wherein said inner unit is forming means adapted to position the side portions of such bulge against the inner side shearing faces of the two spaced apart units, and wherein the shearing face of such inner unit may be adapted to cut the hair positioned on the peak of such bulge.

There is, therefore, thus produced, in accordance with my invention, a shaving implement provided with a plurality of individual shearing units having a spaced section between them for the skin of the face to be shaved to bulge therein, and having means adapted to place the side portions of such bulge against the side shearing faces of the spaced units, and wherein such means is adapted to cut the hair at the peak of such bulge, thereby rendering a close and clean shave to the user in a satisfactory manner.

To illustrate the ordinary commercial utility of my shaving implement in daily life, a shaving implement constructed in accordance with my invention, of whatever style or type it may be made, could be utilized to great advantage. For the purpose of explaining applicant's invention the following may be said. It is a well known fact, that although the shaving heads of the present type of electric razors have been developed, mechanically, to a very fine degree, yet, many users complain that their electric razors do not shave well enough to an extent where it would meet with their approval.

A careful study of the manner in which the electric razors perform their function, while being moved upon the face for shaving purposes, will reveal the fact that the front portion of the leading head unit brushes the hair away from the razor, and only swift up and down movements of the shaving instrument upon the face will cause the hair to enter the shearing openings, and that, in a manner which may be termed "accidentally"

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or "involuntarily." Such swift movements usually causes what is termed as a "burn" upon the face. Naturally, under such circumstances, it is quite understood why the user would be dissatisfied with the shaving performance of his electric razor.

Strange as it may seem, yet, it is a fact that the brushing aside of the hair by the front portion of the leading head unit of an electric razor cannot be eliminated. The only solution to make the electric razor useful, to its full ability, as a shaving instrument, is to improve the structure thereof, and develop the razor to such an extent, whereby other sections than that of the front portion of the leading head unit could be made to cut hair. Applicant has therefore invented and patented the multiple head electric razor (Patent No. Re. 22,638), wherein each of the head units have been provided with an upper shearing face and with side shearing faces. Such head units have been positioned in a manner providing a spaced section therebetween for the purpose of having the skin of the face to be shaved to bulge therein, so that while the front portion of the leading head unit would brush the hair aside as usual, the inner side shearing face of the trailing head unit would cut the hair on the side portion of the bulge.

Such structure has been proved to be a great improvement over the single head electric razor, and is now being used commercially instead of the old type single head electric razor. But such multiple head razor, although it is considered a great improvement over the single head electric razor, has not proved to be completely satisfactory to the user, the reason is, that the side portions of the bulge do not lie flush with or against the inner side shearing faces of the units. Such units have no means whereby the side portions of the bulge could be made to lie flat against the inner side shearing faces of the head units, the peak of the bulge and the portion of the side face adjacent to it, when in a normal position, stay away from the inner side shearing faces of the head units, so that while the upper portions of the inner side shearing faces of the head units cut the hair at the upper section of the bulge portion, the remaining portion of such side shearing faces do not cut any of the hair of the lower section of the bulge, thus such razor can not accomplish its function to the full extent of its ability.

The above matter became a very vexing problem in the electric razor industry, to an extent that it became very important, generally, that

such problem be solved in a proper and practical manner.

It therefore became apparent, that the multiple head razor structure must be improved to such an extent whereby it may be possible to include means therein which may be adapted to be used for the purpose of placing the side portions of the bulge fully flush with, or against, the inner-side shearing faces of the units, in a manner whereby the entire inner-shearing faces of such head units may be able to cut the hair of the full side portions of the bulge, thereby accomplishing its shearing function to the full extent of its ability, thus making the multiple head unit electric razor a more useful shaving instrument than it actually is at present.

With the above-mentioned matter in mind, it will be readily seen that applicant's present invention solves the abovementioned problem in a complete and satisfactory manner. It provides the desired means capable of placing the side portions of the bulge flatly against the inner side shearing faces of the individual head units, which in itself is, as hereinabove pointed out, a great and much needed improvement over the present type of multiple head electric razors, and, in addition thereto, such invention also provides means which is adapted to cut the hair directly off the peak of the bulge. Such a function has never been accomplished by any multiple head electric razor. It will be seen from the herein illustrations, for example, Fig. 5, that, it is on the peak of the bulge where the hair is best situated for shaving purposes, each of the hair is outstanding individually by itself, not crowded by the adjacent hair, stationed in an erect manner, an ideal position for hair to be cut or shaved at the base portion thereof, thereby rendering a clean shave in a comfortable manner, eliminating so-called "burns" while shaving, thus making the multiple head structure a practical and useful shaving implement.

Thus, an electric razor, produced, in accordance with my invention, fulfills a long-felt need in the industry of electric razors, the function that applicant's structure accomplishes, namely, the shaving or cutting of hair located at the peak of the bulge and of those located at the side portions of the bulge simultaneously with the hair located at the curved section adjacent to the bulge is an achievement not obtained heretofore by a multiple head electric razor. Applicants' structure is therefore a very important improvement in the art of making multiple head electric razors, it solves the most vexing problem in the electric razor industry. A multiple head electric razor, made in accordance with my invention, will render a closer and more satisfactory shave to the user, and can be utilized to great advantage and therefore prove quite valuable commercially.

The variety of possible application of my novel construction in connection with different types of shaving implements, as hereinabove indicated, is so prolific that for the purpose of illustrating the invention the specific embodiment of my invention in its application to a shaving implement exhibiting the greatest difficulties has been selected. Such shaving implement is one which necessarily must conform most rigidly to the contours of the portion to be shaved and one which has the field of greatest possible commercial use. For this purpose I have selected for illustration of my novel construction, a shaving implement constituting a multiple head electric razor, so that the principles of construction may be best

illustrated in a shaving implement known as a multiple head electric razor.

The objects of the present invention are attained by a novel construction which will be hereinafter described and illustrated in the drawing in connection with a specific embodiment of the invention.

In the accompanying drawing in which such specific embodiment of my invention is illustrated,

Fig. 1 is a side sectional view of my electric shaving implement, showing the relation between the two upper spaced head units and the lower central head unit, and the bulged skin to be shaved;

Fig. 2 is a front sectional view taken along line 2—2 of Fig. 1;

Fig. 3 is a perspective view of the three stationary shearing members in assembled position;

Fig. 4 is a perpsective view of the base portion in open position for cleaning, with the normal closed position of the closure element being shown in dotted lines; and

Fig. 5 shows the position of the skin when the shaver is applied to the face to be shaved, and illustrating the position of the hair particularly at the peak portion of the bulge for shaving.

Referring more particularly to the drawings, in which similar reference characters identify similar parts in the several views, in my novel shaving implement.

Numeral 5 shows a motor-containing handle which may be made of any desirable material (metal or plastic) and may be molded or machined to any suitable style or shape, and is adapted to be connected to a source of power by a cable 6.

Arrow 11 indicates the shaving section of the implement which comprises two individual outer head units 11' and a centrally located individual unit, arrow 12, herein after referred to as an inner unit or centrally located unit. These two units are positioned at approximately a corresponding height with respect to each other and the centrally located unit is positioned with its upper shearing face at a point below the upper faces of each of such two outer units, thereby providing a spaced section between such units wherein the floor comprises shearing means for cutting the hair at the portion of the skin bulging into such spaced section. Of course, such shaving section may comprise more units if so desired, applicant's showing of three units is only for illustrative purposes.

Each of such individual units comprises an outer stationary shearing members C having an inner movable shearing members 38. Each of such stationary members comprises a frame portion 7 secured to a block B by any suitable means, for example, rivets or screws D and each of the movable members comprises a shearing frame 38' secured to a block 8 by similar suitable means. Of course such members may be made of a single piece of material, and be shaped in any desirable manner, for example, shaped round or hexagon style cross-sectionally.

Each of the frame portions 7 of the stationary members C and the shearing frames 38' of the movable members 38 form upper shearing faces arrow 9, outer side shearing faces O and inner side shearing faces O'. These shearing faces may be shaped, formed or designed in any suitable or desirable manner, the convexed shape herein shown is for illustrative purposes only and not for limitation purposes. It will be seen that while the shear-

ing faces of the outer head units 11' are each provided with small shearing openings as indicated by the letter O, the upper shearing face of the inner unit, arrow 12, is provided with shearing slots 14, this is done for the following reason: The hair at the curved, or concaved, section of the skin 16 (see arrow 17, Fig. 5) are situated much closer to each other than they are when such skin portion is in a normal position, such hair are therefore too close to each other, or too crowded, and cannot readily enter the small shearing openings O located on the convexed outer shearing face of the outer head units 11', they slide to a certain extent upon such convexed portion before entering such small openings of the shearing face. Such hair begin to separate from each other when reaching the position upon the side portion of the bulge (see arrow 19) and assume an individually outstanding and erect position when located at the peak portion of the bulge (see arrow 18) at which time they are fully separated from each other and therefore in a perfect position to enter readily into the shearing slots 14 of the inner unit, arrow 12. Because of their particular separated outstanding form and erect position when located upon the bulge, such hair are cut close to their base portion upon the skin being shaved. Furthermore, the upper shearing face 14, of the inner unit 12, is adapted to press against the bulge (arrow 15) in a manner spreading the lower side portions of such bulge 15 and placing same against the inner side shearing face O' of the outer head units 11', (see Fig. 1), so that the upper and side shearing faces of the outer units 11' and the upper shearing face of the inner unit, arrow 12, form, practically, one continuous shearing face of an enlarged and extended area. It will thus be seen that this structure cuts the hair in the most practical manner at a time when such hair are most accessible for shearing purposes, that is, when they are individually separated from each other and in an outstanding and erect position upon the peak of the bulge, thus this instrument provides a clean and precise shave.

Naturally, the edge portions of the above mentioned openings or slots of the shearing faces are shaped to form the cutting edges or cutting teeth of such shearing faces, so that when the hair enter such openings or slots they get sheared off by the frictional engagement of such edges when the inner member 38 is being moved within the stationary member C. It is not advisable to provide the convexed shearing faces, arrow 9, of the outer units 11' with fully slotted shearing openings, (for example in a manner as shown at 14) because portions of the concaved skin section which is, due to such curved shape, in a soft and loose state, are apt to force their way into such shearing slots and be scratched by the movable inner shearing edges, whereas the skin portion at the peak of the bulge is in a tense state and is therefore not in danger of being so scratched when positioned against the shearing slots of the inner unit, arrow 12. Of course, the shearing face 14 of the inner unit, arrow 12, may be provided with small shearing openings if so desired, but such is not advisable, because the material between such small shearing openings may brush the hair at the bulge sideways, and thus prevent the cutting of same at their base portion. Of course, the size, shape or position of the above mentioned openings or slots is an optional matter with the manufacturer of the instrument.

It will thus be seen that the shearing section, made in accordance with my invention, provides a practical shaving instrument, capable of rendering a shaving performance long-sought-for, it accomplishes a function not obtained heretofore from a multiple head electric razor.

The block B of the stationary member C is provided with side openings N, each one of these openings terminate into a restricted top opening N'. A ball or bearing L is inserted within the opening N and is supported therein by suitable resilient means, as for example, a spring S' which is supported by a screw-threaded member S. The member S presses against the spring S' which in turn presses against the ball L in a manner whereby a portion of such ball protrudes out through the restricted top opening N' and engages the underface of the block 8 of the movable member 38, thereby gently forcing the upper face of the shearing portion of the movable member to engage the under face of the shearing portion of the stationary member in a manner effecting a frictional contact between the shearing edges of the movable member and the shearing edges of the stationary member for hair cutting or shaving purposes. Of course, such tension may be controlled by the movements or adjustment of the screw-threaded member S.

The stationary members C, of the head units, are each provided with undercut end portions adapted to be positioned within the base portion or member A and having their shoulders B' adapted to rest upon the flange portions E. Such flange portions are each provided with openings 22 adapted to receive screw-threaded elements 23 which may be interlocked in a screw-threaded connection, with the openings 21 of the blocks B, thus holding such head units in desired position upon the base member A.

The flange portions E are each provided with a closure element F connected thereto by a rivet or screw-threaded member 25, in a manner whereby when such closure element is moved into open position it will swing or hinge side ways, in a plane transverse to the length of the shearing unit, and move away from the flange E in a hingeable and easy manner, and when such closure element is being swung into closed position it will move closer towards the flange portion E and fit snugly into desired position. The closure elements F and the flange portions E are each provided with snap fastening means 26 and 27 which are adapted to be interlocked with each other when such closure elements F are in a normal closed position, in a manner as shown by dotted lines, arrow 28, in which case the sections F' will be held in desired locked position and cover the openings J of the hollow head units 11', and arrow 12, thereby preventing the escaping of cut hair from such head units while shaving. After shaving, such closure elements may be swung into open position for the purpose of removing the cut hair from such openings J.

It will be seen that the individual head units may be assembled in a manner forming a single combined shearing structure, and thus be placed, as an assembled unit, into desired position upon the recessed portion or seat formed at the end portion of the handle 5, and be secured thereto by any suitable means, for example, the side sections or wall portion of such end portion may be provided with openings 30, adapted to receive a screw-threaded element 31 in a manner whereby a portion of same may engage a depression or opening 29 formed in the flange portions E there-

by holding the combined shearing structure, or assembled unit, in desired position upon the handle 5 for shaving purposes.

If desired, such connection may be made directly to the floor of the base member A. For example, such floor may be provided with the openings 22, and the screw-threaded elements 23, which are placed within such openings 22, may engage screw-threaded openings 21 which may be formed within the bottom portion of the blocks B, and thus forming an assembled unitary shearing head structure which may, as a unit, be secured by suitable means into desired position upon the handle 5 for shaving purposes.

It is naturally understood that turning the screw-threaded elements 23 in the desired direction will cause the stationary member C to be held tightly secured in its position upon the base member A, whereas turning such screw-threaded elements in an opposite direction will loosen such hold and permit the removal of that particular unit from its position, thus either one of the individual shaving units may be removed, or replaced, without affecting the other shaving units.

The interior of the handle 5 is provided with the means to hold the mechanism for reciprocating the movable member 38. A portion of such mechanism are the actuating elements T, each one of such elements T protrudes from the handle through an opening 35, and then extends through an opening 36 of the base member A and through the opening 37 of the block B, of the stationary member C, and then into the depression or opening 39 formed in the block 8 of the movable member 38 (of the head-units 11' and arrow 12). It will be seen that the openings 35, 36 and 37 are of a larger size in width than that of the recess or opening 39, so that when the starter R of the handle 5 is moved in the right direction the motor (not shown) will begin to operate and the actuating members T will be put in motion within the openings 35, 36 and 37 and the upper section of each one of such actuating elements will move one of the movable or reciprocatory members 38 within the opening J of the stationary members C. Thus the shearing edges of the movable member will co-act with the shearing edges of the stationary member for hair cutting or shaving purposes.

From the above it will be evident, that applicant's invention herein above illustrated and described, teaches an entirely new principle in the art of shaving implement construction. The novel form, or manner, in which applicant's shearing section is constructed, the new combination of parts and sections, of individually operable instruments combined in a new and heretofore unknown manner, resulting in the provision of a shearing face constructed on a new principle, a continuous shearing surface formed of a plurality of individually operable head units, establishes an entirely new and modern principle in the construction of multiple head electric razors. It creates a shearing device of a new and unique design, provided with practical and outstanding features, performing new functions unknown heretofore, a shaving implement capable of performing its shaving operations to the fullest extent of its structural shearing ability, thus rendering a complete, clean and precise shave in a comfortable and pleasing manner to the user. It will therefore be seen that applicant's invention, herein illustrated and described, provides a practical and useful shaving implement, its structure is of a novel and patentable

nature, it solves the most vexing problem in the electric razor industry, it can be utilized to great advantage by the user, and is therefore believed to be of commercial value.

It will therefore be seen that I have invented and perfected a shaving implement provided with a plurality of individual shaving units forming a shearing section of a new and unique design and structure, a shaving implement which is practical, useful and therefore of commercial value, and although I have shown certain preferred forms or illustrations in order to explain and describe the novelty of my invention, yet, by showing such structure, I do not, by any means, limit myself to these structures, nor to the terms used in describing same, as they are for illustrative purposes only. Various suggestions and changes of structure may be resorted to, and I desire it to be understood that I have same in mind when showing and describing this invention, and seek protection by Letters Patent. And, although I have mentioned in describing this invention of what material certain parts may be made, how they may be formed, shaped or styled and how they may be assembled, yet I desire it to be understood that this structure, or parts thereof, may be made of any suitable material, and shaped, formed, styled or arranged in any desirable manner, and assembled in any convenient way so that the parts may be easily taken apart, removed, cleaned, replaced and reassembled, and that various changes in detail may be resorted to without departing from the spirit of this invention.

I claim:

1. In a shaving implement, a shaving section comprising two top shearing faces, said shearing faces being separated from each other to an extent providing a spaced section for the skin of the face to be shaved to bulge between such shearing faces, and a centrally located shearing face situated in the said spaced section at a point below the said top shearing faces, said centrally located shearing face being adapted to cut the hair at the peak of said bulge.

2. A shaving implement comprising a handle and a removably mounted shearing section, said section comprising a base member having a plurality of individual complete shaving units secured thereto, each of said units comprising a stationary member and a cooperating member movable within said stationary member, two of said units each provided with a shearing element forming an upper shearing face and side shearing faces, the upper shearing faces of the said two units spaced away from each other and located at approximately a corresponding height with respect to each other, another of said units having an upper shearing face positioned between the said two spaced apart units below the upper shearing faces of said two units forming a depressed section for the skin of the face being shaved to bulge therein to have its hair sheared by the shearing faces of said units, and means for operating said movable members of said shaving units for shaving purposes.

3. A shaving implement provided with a plurality of individually removable shaving units each having a side shearing wall, two of said walls positioned in a spaced apart manner having their upper portions at approximately a corresponding height with respect to each other, an inner unit having an upper shearing face, said inner unit positioned between the said two spaced apart shearing walls having its upper shearing face

located adjacent to the adjoining side shearing walls below the said upper portions of said two shearing walls forming a spaced section for the skin of the face being shaved to bulge therein for having its hair sheared by the said shearing walls and said upper shearing face, and means within said handle for operating the said shaving implement.

4. In a shaving implement, a removably mounted unitary shearing section adapted to be secured to a handle, said shearing section comprising a base member having individually removable shaving units secured thereto in a spaced apart manner, said units positioned with their outer upper faces at approximately a corresponding height with respect to each other, an inner unit positioned between the said spaced apart units, said inner unit having its upper outer shearing face positioned at a point below the said upper faces of the said spaced apart units.

5. A shaving implement comprising a handle and a shearing section having a plurality of individually removable shaving units secured thereto, certain of said units positioned in a manner providing a spaced recessed section for the skin of the face being shaved to bulge therein, one of said units adjoining its neighboring unit within the said recessed section, at least one of the faces of said units within the said recessed section provided with shearing means for cutting hair at the said bulge portion and means for operating said shaving element.

6. In a shaving implement, a shearing section comprising a plurality of completed individual removable shaving units, two of said units each having a shearing face disposed laterally with respect to its upper face, a portion of one of said shearing face facing a portion of the other of said shearing face, said facing shearing faces spaced away from each other providing a spaced section for the skin of the face being shaved to bulge therein, an inner shaving unit positioned between the said two shearing faces having its shearing face situated below the upper portion of the two adjoining laterally disposed shearing faces in a manner combining the upper shearing face of the inner unit and the said laterally disposed shearing faces into a continuous shearing surface of an enlarged area adapted to shave the hair at the peak portion of the said bulge simultaneously while shaving the side portions of said bulge.

7. In a shaving implement, a shaving section comprising a plurality of individually removable and replaceable shaving units, either one of said units adapted to be removed individually without affecting the operable movements of the other units, two of said units adapted to be positioned at an approximately corresponding height with respect to each other, another of said units situated between the said two units at a point below the outer upper surface of each of said two units in a manner providing a recessed space for the skin of the face being shaved to bulge between the said two units, the upper outer face of said other unit provided with shearing means adapted to cut the hair at the peak portion of said bulge, and means for operating said units.

8. In a shaving implement, a removable shearing section comprising a base member having a plurality of individually removable shaving units secured thereto, two of said units each provided with a top face having a declining shearing wall, said top faces situated at approximately a corresponding height with respect to each other,

said shearing walls adapted to face each other, the said shearing walls spaced away from each other to an extent providing a spaced section for the skin of the face being shaved to bulge between said shearing walls, another of said individually removable units positioned in said spaced section, said other unit provided with an upper shearing face for cutting the hair at the peak portion of said bulge simultaneously while the said shearing walls cut the hair at the side portions of the said bulge, and means for operating said units.

9. A shaving device comprising a plurality of shearing units, two of said units each provided with a convexed shearing face, said convexed shearing face forming a side shearing wall and a top shearing face of its respective unit, said two units situated at approximately a corresponding height with respect to each other and in a manner whereby the shearing wall of one of said two units faces the shearing wall of the other of the said two units, said two facing shearing walls spaced away from each other to an extent providing a spaced section for the skin of the face being shaved to bulge therein, a third shearing unit located within the said spaced section at a point below the top shearing faces of the said two units, the top shearing face of the said third shearing unit situated adjacent to the shearing means of the adjoining side shearing walls for cutting hair off the said bulge within said spaced section, and means for operating said units.

10. A shaving implement comprising a handle and a shearing section, said section comprising a plurality of individual units each having a curved wall, said wall forming upper shearing faces and side shearing faces, several of said units positioned with their upper shearing faces at approximately a corresponding height with respect to each other, the upper shearing face of one of said units spaced away from the upper shearing face of its neighboring unit to an extent providing a spaced recessed section for the skin of the face being shaved to bulge between said spaced upper shearing faces, shearing means located within said recessed section at a point below the said upper shearing faces of its adjoining units and bridging said side shearing faces in a manner combining the said upper shearing faces and said side shearing faces into a continuous shearing surface of an enlarged area thereby facilitating the shaving of hair at the said bulge, and means within said handle for operating said shearing section.

11. A shaving implement comprising a handle and a removably mounted shearing section, said shearing section comprising a base portion having a plurality of individually removable shaving units secured thereto by screw-threaded means, each of said individual units comprising a stationary shearing member having a base section and a movable shearing member cooperating with the said stationary shearing member for hair cutting purposes, said screw-threaded means comprising elements each having a screw-threaded body portion and an enlarged head-portion, the body portion of each of said elements adapted to be inserted through an opening formed in the said base portion of the said shearing section and then into a screw-threaded opening formed within the said base section of the said stationary shearing member in a manner whereby the said enlarged head-portion is adapted to hold the said base portion tightly secured to the said units thereby uniting the

said base portion and the said plurality of individually removable shaving units into a unitary assembled shearing section, said assembled shearing section adapted to be removed from the said handle as an assembled unit.

12. A shaving implement comprising a handle and a removably mounted assembled shearing section, said assembled shearing section comprising a base portion and a plurality of individually removable shaving units secured to said base portion by screw-threaded means, each of said individual units comprising a stationary shearing member having a base section and a movable shearing member cooperating with the said stationary shearing member for hair cutting purposes, said screw-threaded means adapted to pass through openings formed in the said base portion of said shearing section and then engage openings formed in the said base sections of the said individual units in a manner whereby the said screw-threaded means when being rotated into desired direction will draw the said units close to the said base portion thereby holding said units tightly secured in their position upon the said base portion and combining same into an assembled unitary shearing section, said handle provided with a seat, said assembled shearing section adapted to be positioned upon the said seat, screw-threaded elements carried by the said handle, said screw-threaded elements adapted to engage the said assembled shearing section in a manner holding said shearing section tightly secured in its position upon the said handle thereby combining the said handle and the said removably mounted assembled shearing section into a completed shaving implement.

13. A shaving implement comprising a handle and a removably mounted assembled shearing section, said assembled shearing section comprising a base portion having a plurality of removably mounted shaving units secured thereto by rotatable screw-threaded members, each of said units comprising a stationary member having a shearing face and a block forming the base section of the said stationary member, a movable member cooperating with the shearing face of each of said stationary members for hair cutting purposes, said screw-threaded members adapted to pass through openings within said base portion and engage openings formed in the said base sections of the said stationary members in a manner whereby when said screw-threaded member is rotated into desired direction it will draw the respective stationary member close to the said base portion and hold same tightly secured in its respective position upon the said base portion thereby combining the said base portion and the said plurality of removably mounted shaving units into an assembled unitary

shearing section, said screw-threaded members adapted to be rotated into either direction thereby enabling the removal of either one of said units individually, said handle provided with a recessed section, a portion of said assembled shearing section positioned within the said recessed section, said recessed section having a wall rotatable screw-threaded elements carried by said wall, said rotatable elements adapted by rotatable movements to engage the said assembled shearing section in a manner holding said shearing section tightly secured in its position within the said recessed section of said handle threby combining the said removably mounted assembled shearing section and the said handle into a completed shaving implement.

14. An electrically operated shaving implement comprising a handle and removably mounted assembled shearing section, said assembled shearing section comprising a base portion having a plurality of individually removable shearing units secured thereto by screw-threaded members in a manner combining the said base portion and the said plurality of units into a unitary structure as an assembled shearing section, said handle provided with a recessed seat, a portion of said assembled shearing section positioned within the said recessed seat, said recessed seat provided with two walls, each of said walls having an opening, screw-threaded elements positioned within the said openings, the said portion of the assembled shearing section provided with openings, the said screw-threaded elements adapted to be rotated in a manner whereby the end portions of said elements will enter into said openings of the said portion of the assembled shearing section for the purpose of holding said assembled shearing unit secured in its position within the said recessed seat thereby combining the said assembled shearing section and said handle into a completed shaving implement.

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