

April 12, 1932.

S. ROSENBERG

1,853,638

DEPILATORY APPARATUS

Filed July 19, 1930

2 Sheets-Sheet 1

Fig. 1

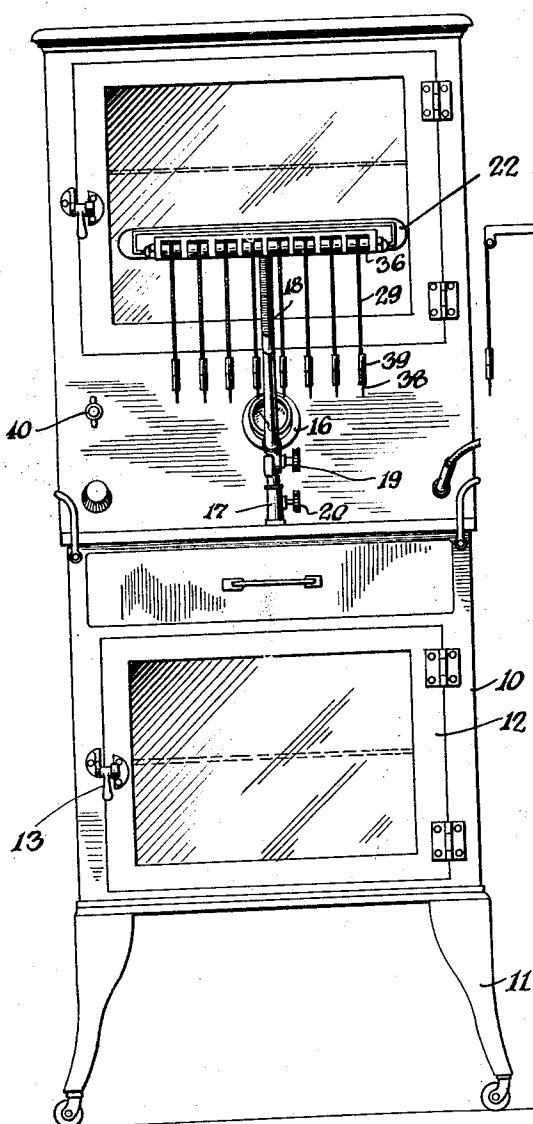
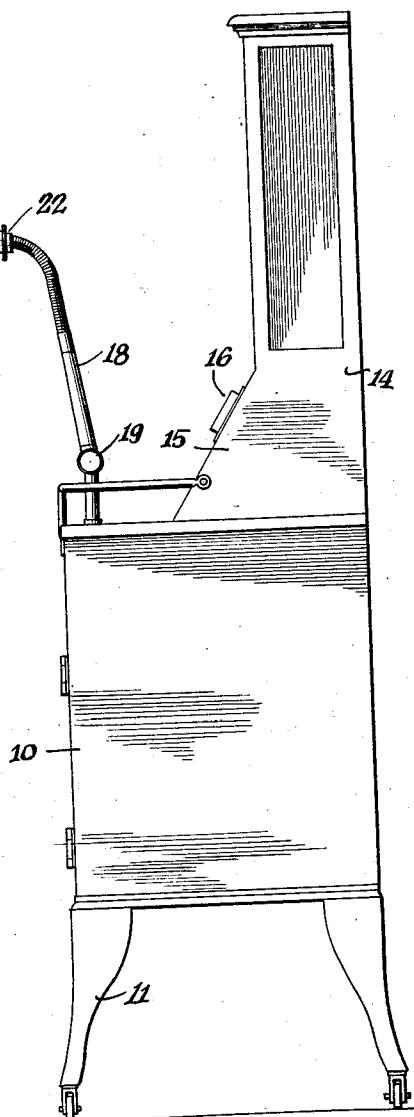


Fig. 2



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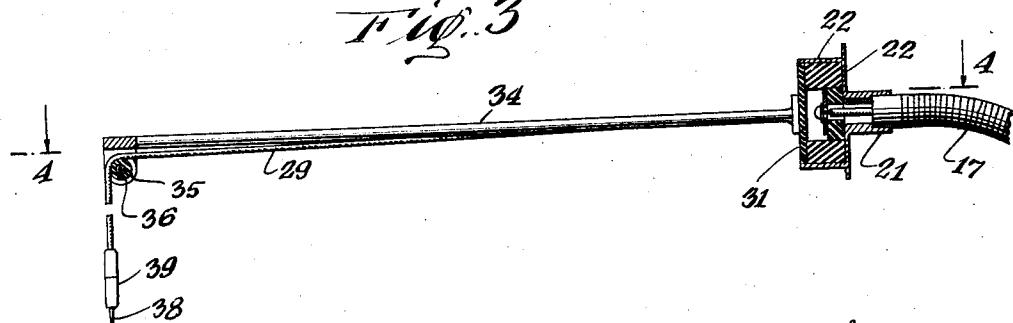
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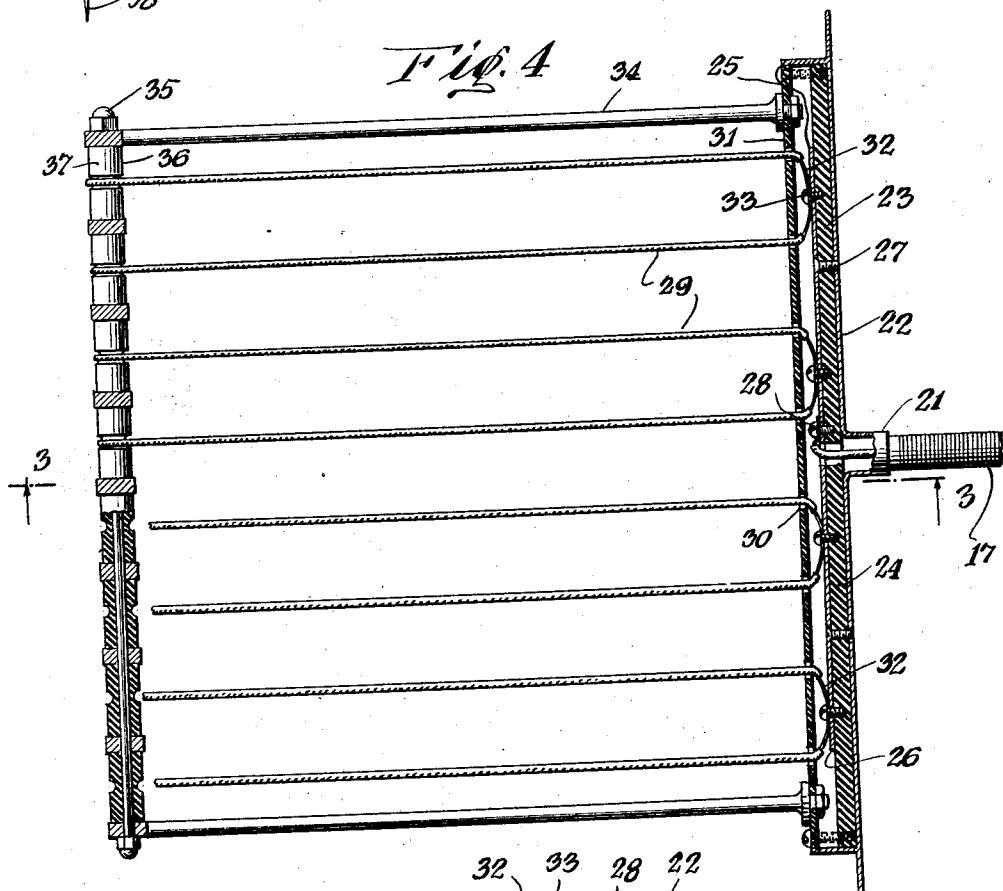
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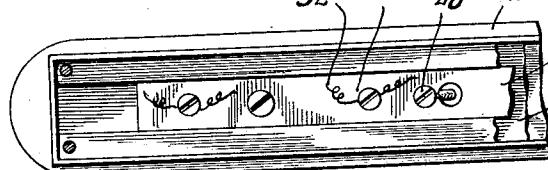
*Fig. 3*



*Fig. 4*



*Fig. 5*



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## UNITED STATES PATENT OFFICE

SAMUEL ROSENBERG, OF BROOKLYN, NEW YORK

## DEPILATORY APPARATUS

Application filed July 19, 1930. Serial No. 469,176.

This invention relates to improvements in electrolysis or depilatory apparatus particularly to apparatus of the type described in Patent No. 1,445,961, of February 20th, 1923, and it is the principal object of my invention to improve the apparatus disclosed in said patent by guiding the cables in one strand from the batteries contained in a casing through a gooseneck arrangement allowing a movement of the cable carriers into any desired position and not obscuring the instrument board.

A further object of my invention is the provision of a hollow cable carrying and distributing arm to which the single cable from the battery is lead through the gooseneck.

A further object of my invention is the provision of a plurality of cable guides on the front arm of a frame constituted by grooved bakelite rollers in the grooves of which the cables are guided.

A still further object of my invention is the provision of a cabinet, provided with an upper housing open at the rear for the reception of the conveniently exchangeable batteries.

These and other objects and advantages of my invention will become more fully known as the description thereof proceeds, and will then be specifically defined in the appended claims.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a front elevation of a depilatory apparatus constructed according to my invention.

Fig. 2 is a side elevation thereof.

Fig. 3 is a sectional side elevation of one of the cable guide arms, the section being taken on line 3—3 of Figure 4.

Fig. 4 is a top plan view of the cable guide, partly in section on line 4—4 of Figure 3.

Fig. 5 is a fragmentary front elevation of one of the cable guide arms, the front plate being removed.

As illustrated, a cabinet 10 on legs 11 has its front closed by a hinged door 12 and lock 13.

The cabinet carries an upper housing 14 for the reception of the batteries, closed by

an inclined front plate 15 carrying an ammeter 16.

The cable 17 containing the leads from the batteries is guided through a socket 17 to which a gooseneck 18 is clamped with its lower end. Clamp screws 19, 20, allow an adjustment of the angle of inclination of the gooseneck to the socket and a turning of the same in any desired position, as well as a securing of the end of the same in the socket respectively.

The cable 17 is guided into the socket 21 of an arm 22 which is hollow and contains insulation pieces 23, 24, the inner faces of which are covered by metal plates 25, 26, respectively held in place by screws 27.

The cable strands are attached to screws 28, and a plurality of cables 29 are passed through openings 30 in the outer wall of casing 22 provided with an inner insulation 31 and the ends of each adjoining pair of cables are connected by wires 32 held to the metal plates 25, 26, by means of screws 33.

Cables 29 are supported by a frame consisting of outer side rods 34 to the inner ends of which the casing 22 is attached as shown in Figure 4, while a rod 35 connects the outer ends of frame rods or bars 34.

Rod 35 carries a plurality of juxtaposed bakelite rollers 36 each having a central groove 37 in which the cable is guided, and the outer ends of cables 29 carry the customary needles 38 in suitable holders 39.

A suitable switch 40 operates to close and open the circuit in the well known manner.

The circuit is the same usually found in apparatus of this type.

It will be understood that I have described and claimed the preferred form of my apparatus only as one example of the many possible ways to practically construct the same, and that I may make such changes in its general arrangement, and in the construction of the minor details thereof as come within the scope of the appended claims without departure from the spirit of my invention and the principles involved.

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

1. In a depilatory apparatus, a plurality of needle carrying cables, a frame for supporting said cables, said frame having a hollow inner bar open at its front, a plate of insulating material forming a closure for the open front of the bar, a filler of insulating material in said bar, a buss bar extending longitudinally of said filler and secured thereto, side bars for said frame secured at their rear ends to front plate for the rear bar, a front rod extending between and connected with the front ends of the side bars, rollers upon said front rod, the needle carrying cables being engaged over the rollers and extending longitudinally of the frame with their rear ends extending through openings in the front plate of the rear bar, and wires secured to said buss bar and connecting the needle carrying cables in pairs.
2. In a depilatory apparatus, a plurality of needle carrying cables, a frame for supporting said cables, said frame having a hollow inner bar open at its front, a plate of insulating material forming a closure for the open front of the bar, a filler of insulating material in said bar, a buss bar extending longitudinally of said filler and secured thereto, a conduit connected with said bar and projecting rearwardly therefrom, a power wire extending through said conduit and extending into the hollow bar and secured to the buss bar, said needle carrying cables extending longitudinally of the frame with their rear ends extending through openings in the front plate of the rear bar, and wires secured to said buss bar and connecting the needle carrying cables in pairs.

Signed at New York, in the county of New York, and State of New York, this 18th day of July, A. D. 1930.

SAMUEL ROSENBERG.

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