

Aug. 2, 1949.

I. REHMAN ET AL

2,477,898

ARMREST FOR MANICURIST TABLES OR BARBER CHAIRS

Filed Feb. 20, 1945

2 Sheets-Sheet 1

Fig. 1

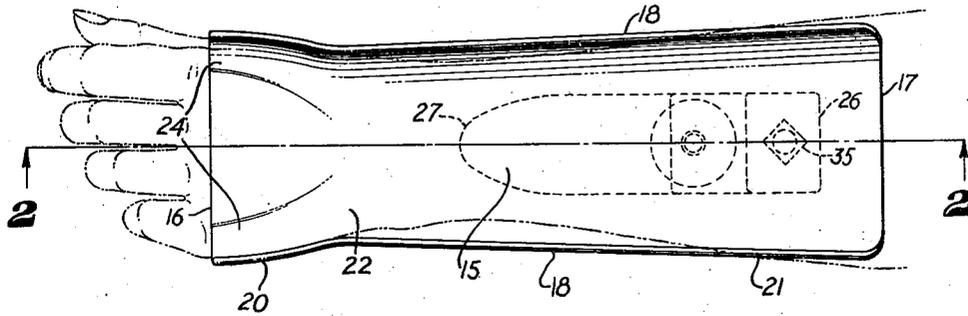


Fig. 2

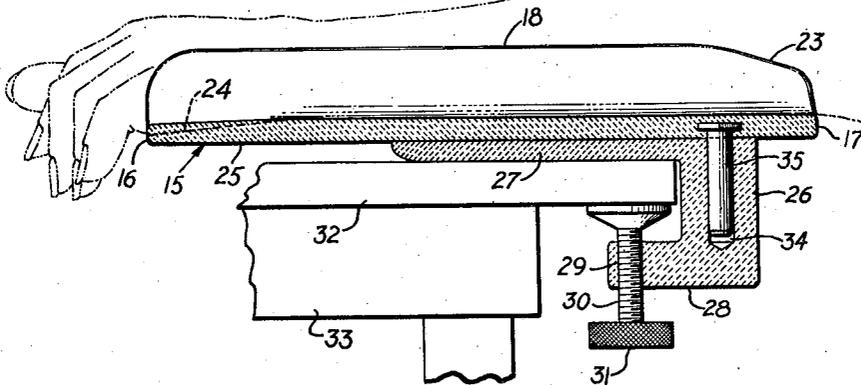


Fig. 3

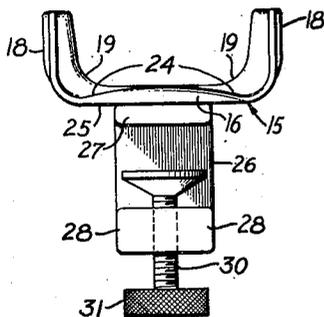
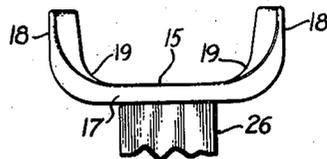


Fig. 4



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Fig. 5

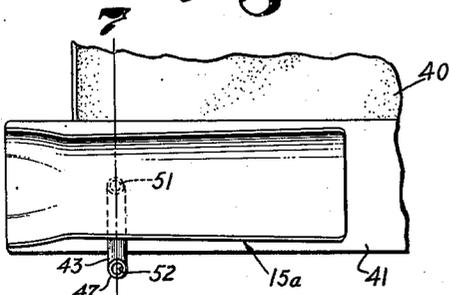


Fig. 6

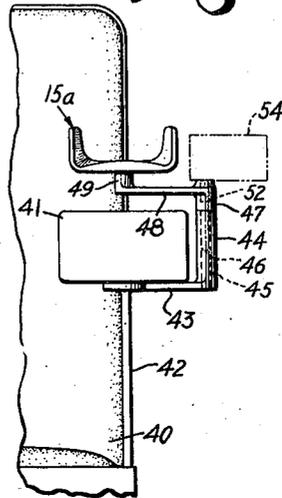


Fig. 13

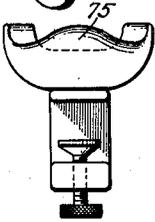


Fig. 12

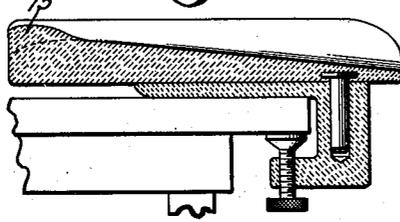


Fig. 7

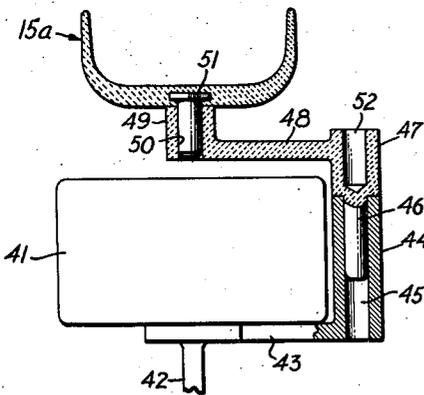


Fig. 8

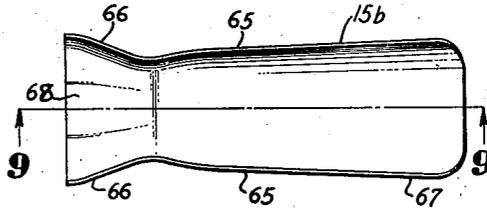


Fig. 9

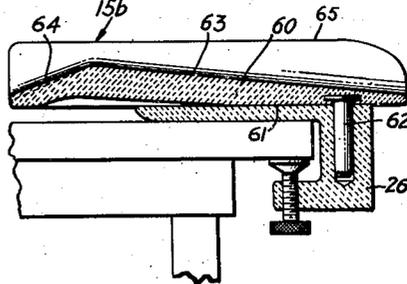


Fig. 10

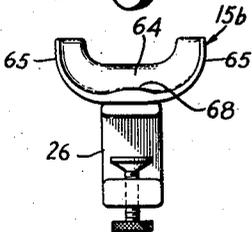
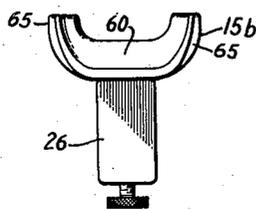


Fig. 11



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UNITED STATES PATENT OFFICE

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ARMREST FOR MANICURIST TABLES OR BARBER CHAIRS

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3 Claims. (Cl. 248—118)

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This invention relates to manicuring, and more especially to an arm rest for convenience of a person while being manicured.

An object of the invention is to provide an arm rest for use in manicuring or for similar purposes, wherein the dimensions, shape and design of the arm rest are so provided as to afford maximum comfort.

A further object of the invention is to provide a novel device for use in manicuring adapted primarily for the comfort of a person being manicured, and also having features which promote efficiency in carrying out the manicuring procedure by adjustably retaining the arm and hand in correct position.

An additional object of the invention is to provide an article for use in manicuring and for similar purposes for supporting in a comfortable manner the hand, wrist and forearm of a person being manicured.

Another object of the invention is to provide an arm rest construction of the character described so shaped and designed as to provide substantial comfort for a person being manicured, embodiments of the invention being further provided in a plurality of sizes and dimensions so as to comfortably fit the male and female arms respectively.

Another object is to provide an arm rest of the character described having novel features for support or mounting on a table member or a barber's chair arm.

An additional object is to provide an arm rest, as described, adapted for ready detachable support on a member formed integral with, or detachably secured to, a table member or a barber's chair arm.

A further object is to provide a novel detachable mounting device for an arm rest of the character described having means for supporting a tray or other auxiliary vessel customarily used in manicuring.

Other objects and advantages will appear and be brought out more fully in the following specification considered with reference to the accompanying drawings throughout which like parts are designated by like numerals.

In the drawings:

Figure 1 is a top view of an arm rest embodying our invention and designed primarily for supporting the male arm.

Figure 2 is a sectional elevation view of the same, the section being taken along the line 2—2 of Figure 1 and showing supporting means for the arm rest secured to a table member.

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Figure 3 is an end elevation view of the arm rest shown in Figures 1 and 2.

Figure 4 is a fragmentary end elevation view of the same as seen from the opposite end from that seen in Figure 3.

Figure 5 is a top view of an arm rest substantially similar to that shown in Figures 1 to 4 having modified supporting means secured to a barber's chair arm or similar structure.

Figure 6 is an end elevation view of the arm rest shown in Figure 5.

Figure 7 is an enlarged sectional elevation view of the same, the section being taken along the line 7—7 of Figure 5.

Figure 8 is a top view of a modified form of arm rest adapted for the female arm.

Figure 9 is a sectional elevation view of the same, the section being taken along the line 9—9 of Figure 8.

Figures 10 and 11 are front and rear elevation views respectively of the arm rest shown in Figures 8 and 9.

Figure 12 is a vertical section similar to Figure 9 of a modified form of rest designed to hold the hand in a slightly elevated position.

Figure 13 is an end view of the modification shown in Figure 12.

The present invention is concerned primarily with providing an article having, as its general purpose, a comfortable rest and support for the hand, wrist and forearm while being treated as by manicuring, however, upon a more complete understanding of the invention, as described fully herein and as shown in the accompanying drawings, it should be apparent that the arm rest article may be utilized advantageously for other specific purposes, as for instance, by doctors and nurses when treating the fingers, hand or forearm for minor cuts, burns, or similar types of treatment. The invention, as described, is preferably to be embodied in separate forms of appropriate size and shape when it is to be used for support and treatment of the male hand and arm and when treating and supporting the female hand and arm. The invention incorporates features by which the article may be conveniently supported on a table or a chair arm, as for instance, a barber's chair arm, and arranged to be detachably connected thereto and supported thereon so as to be removed when its use is not necessary. The supporting means may further be provided with features by which an auxiliary article, such as a manicurist's tray or vessel, may also be detachably supported and thereby pro-

mote the general objects and purposes of manicuring and similar treatments or uses.

Referring more particularly to the drawings, we show in Figures 1 to 4 an arm rest device, embodying a form of our invention, particularly adapted and intended in use for supporting the male hand and arm, and in these figures there is shown an elongated substantially flat member 15 having a forward transverse edge 16 and a rear edge 17. A pair of upstanding side walls 18 are formed preferably with curved joining edge portions 19, as shown. Member 15 is further formed with flaring edge portions 20 and 21 which include walls 18 and provide a narrow space 22 near the forward end, it being clear that flare 20 is shorter and sharper than flare 21 so that the hand, wrist and forearm, as shown in dotted lines, may be comfortably positioned and supported in the channel formed by the member 15 and walls 18. The upper edges of walls 18, if desired, may be tapered downwardly at 23 near end 17, inasmuch as complete lateral support of the arm at this portion of the article is not essential. The upper face of member 15 is provided with a downwardly sloping portion 24 to permit the hand to be inclined downwardly somewhat, at the forward edge, and to further promote the comfort of the person being manicured.

The member 15 is shown provided with a flat lower side 25 forming a supporting face by which the arm rest may be swivelly supported on a bracket member 26 which may be generally C-shaped and have a flat arm portion 27 on which member 15 may rest, and further provided with an arm extension 28 having a threaded bore 29 for a clamping screw 30 provided with a knurled head 31, by which the screw and clamp may be secured to a table top member 32 of a table 33 or other fixture or support. Bracket 26 is provided with a bore 34 in the upper portion thereof, and member 15 may have a supporting pin 35, which may be cast integrally with, or be otherwise secured thereto, extending in to bore 34. By this construction it will be apparent that the arm rest member 15 may be swivelly supported on and secured to bracket 26 sufficiently firm for manicuring or other use of the arm rest, but that the arm rest may be readily removed from bracket 26, thus leaving the table area or space comparatively free for other purposes.

In Figures 5 to 7 we show a modified form of the invention with novel mounting means for support on a barber's chair arm or a similar structure. In these figures we show a barber's chair 40 having an arm 41 supported on the chair itself in any suitable manner, such as by a frame member 42 which frame according to conventional construction has a bracket extension portion 43 which extends outwardly under arm 41 and upwardly providing a post 44. Post 44 is formed with a vertical bore 45 in which is removably positioned a pin member 46 of a bracket 47 which bracket provides a laterally extending arm 48 having an end boss 49 which in turn is formed within a vertical bore 50 to receive a pin 51 formed integrally with, or suitably secured to, and extending downwardly from an arm rest 15a.

Arm rest 15a is substantially similar to arm rest 15 except that the positioning of pin 51 is forwardly of the center of the arm, whereas pin 35 is positioned near the rear edge 17. Bracket 47 is further provided with a pin bore 52 to receive the supporting pin of a tray or vessel 54 customarily used by the manicurist and adapted for po-

sitioning in bore 45 according to conventional construction when an arm rest such as 15a is not used with bracket 43.

It will be apparent from the construction, just described, that arm rest 15a may, when supported by bracket 47, be positioned and mounted on bracket 43 by the removal of tray 54 from bracket 43 which tray may then be secured on bracket 48, as clearly seen in Figure 6.

In Figures 8 to 11 we show a further modified form of the invention comprising an arm rest 15b generally similar to arm rests 15 and 15a, however, designed and proportioned especially as an arm rest for the female arm. The arm rest of these figures has a central channel base member 60 having a flat bottom portion 61 and a pin 62 for mounting on a bracket such as bracket 26. Member 60 is provided with sloping portions 63 and 64, and sloping portion 64 is seen to be inclined more sharply than sloping portion 24 of the arm rest of Figures 1 to 4. Arm rest 15b is formed with side walls 65 which have flaring portions 66 and 67, and it will be also seen that portions 66 are flared more sharply than are those of flaring portions 20 of arm rest 15. Sloping portion 64 is formed with a small convex curvature 68 which conforms to the hollow of the hand and provides a comfortable rest for the hand by virtue of such curvature.

In Figures 12 and 13 we illustrate a device adaptable to either male or female use, in which the feature of modification over the other forms shown and described is a rounded knobular elevation 75 conforming to the palm of the hand, which will hold the hand up with a slight cock of the wrist. This feature may be incorporated in any of the other forms of the invention contemplated.

In the various forms of the invention the arm and wrist supporting member is designed anatomically to conform to the human arm and wrist whereby substantially complete support and lateral and longitudinal confinement are provided, it being important not only to put the customer at ease but also to insure that the customer's hand be retained in the position most convenient for the manicurist. The swivel mounting of the rest on the bracket enables the manicurist to turn the support to the desired position where it will be maintained by the friction between the engaging surfaces of the arm rest and the bracket.

Although we have herein shown and described our invention in what we have conceived to be the most practical and preferred embodiment, it is recognized that departures may be made therefrom within the scope of our invention, which is not to be limited to the details disclosed herein but is to be accorded the full scope of the claims so as to embrace any and all equivalent devices and systems.

Having thus described our invention what we claim and desire to secure by Letters Patent is:

1. An arm rest for manicuring comprising a substantially flat elongated member having means for attachment to a support, and a pair of side walls forming a channel conforming substantially to the outline of the hand, wrist and forearm, said channel having a portion at one end having one degree of slope toward the end thereof from an intermediate point and a portion at the other end having another degree of slope toward the other end thereof from said intermediate point.

2. An arm rest for manicuring comprising an elongated member having means for attachment

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to a support, a pair of side walls forming a channel conforming substantially to the outline of the hand, wrist and forearm, and a knobular elevation at the forward end of said channel having a location adapted to support the palm of the user's hand when the hand, wrist and forearm are in their respective positions in the channel.

3. An arm rest for manicuring comprising an elongated member in substantially a horizontal position, channel forming side walls having rounded junctions with a relatively flat bottom portion, said channels having a hand receiving end, an end adjacent the elbow of a user and a contracted portion at wrist position of the user more nearly adjacent the hand end than the elbow end, and means for swivelly supporting the arm rest on a suitable support comprising a vertical pivot pin adjacent the elbow end, a bracket having a table clamp at the bottom, an intermediate portion and a top portion extending substantially horizontally from the intermediate portion over the table clamp adapted to rest on the support, said intermediate portion having a vertical bore adapted to receive said vertical pivot pin.

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