Oct. 15, 1940. L. G. SIMJIAN 2,218,301

VARIABLE IMAGE-OBSERVING DEVICE

Filed Sept. 20, 1938 2 Sheets-Sheet 1

Fig. 1.

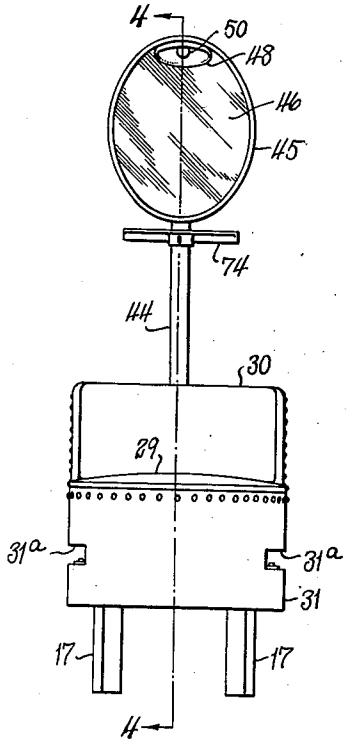


Fig. 2.

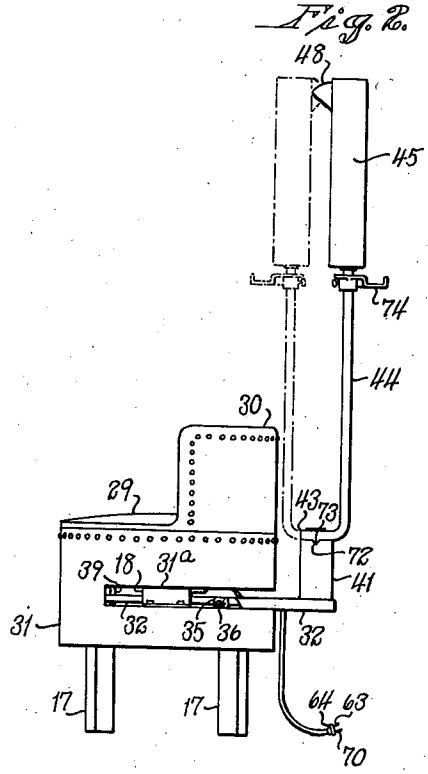
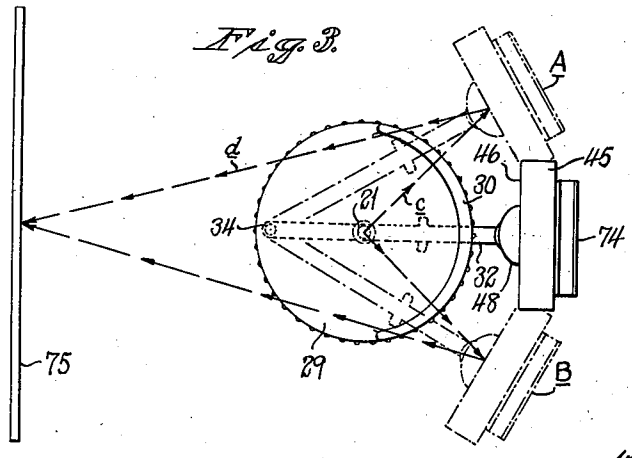


Fig. 3.



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Fig. 5.

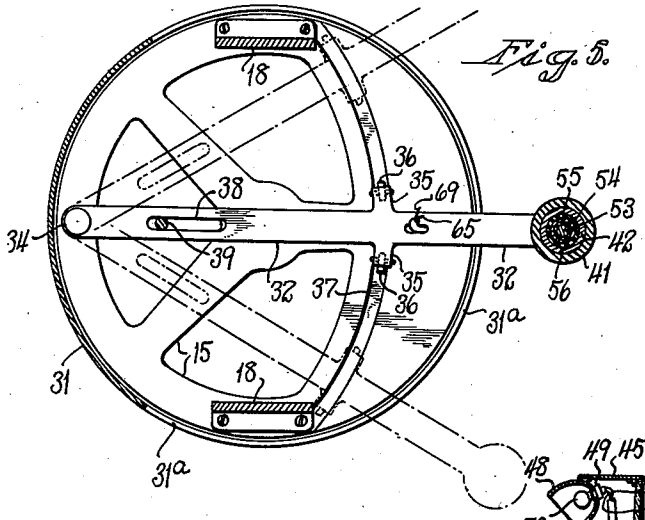
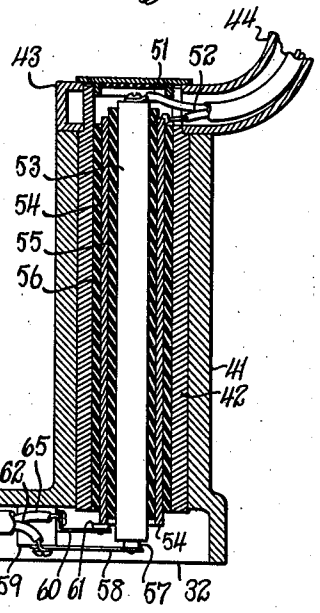


Fig. 6.



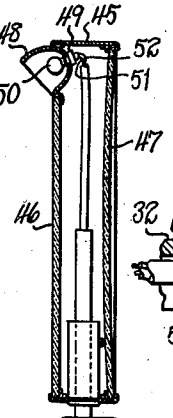
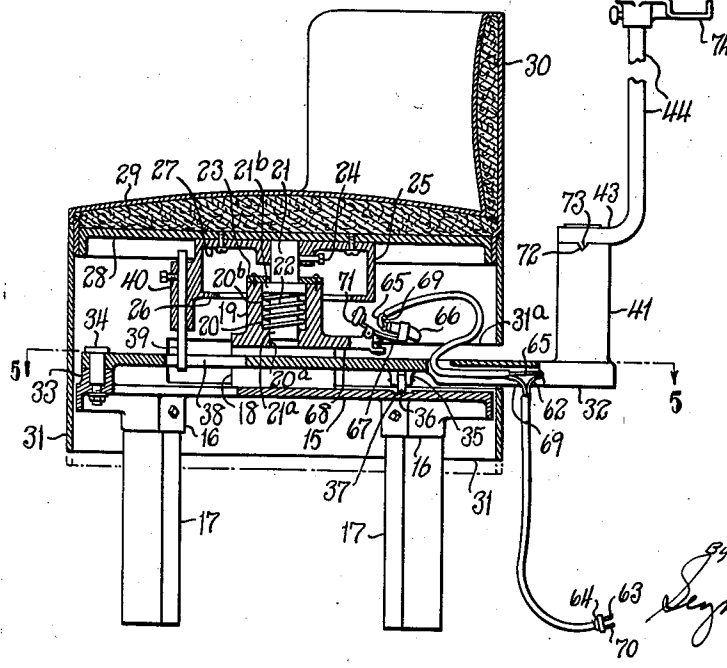


Fig. 4.



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UNITED STATES PATENT OFFICE

2,218,301

VARIABLE IMAGE-OBSERVING DEVICE

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Application September 20, 1938, Serial No. 230,827

14 Claims. (Cl. 88—74)

This invention relates to image-observing devices and more particularly to that type of image-observing devices by means of which the reflection of a poser may be varied at will to enable such poser to observe her or his person from various angles.

The variable image-observing devices or apparatus of the present invention are adapted for use in a wide variety of situations such for instance as in boudoirs, millinery shops, dress shops, corset shops, beauty parlors, etc., etc.

One of the main objects of the present invention is to provide a superior image-observing device of the general character referred to which may be produced at a low cost for manufacture.

A further object of the present invention is to provide a superior device of the character referred to and characterized by simplicity of its automatic mechanism and also by the ruggedness and reliability thereof.

Another object of the present invention is to provide a superior variable image-observing device operatively-connected to a movable seat-structure for operation by the movement thereof, and adapted for being conveniently used in conjunction with ordinary mirrors in which persons are accustomed to observe their images.

A still further object of the present invention is to provide a superior variable image-observing device with reversible mirror means whereby a poser may observe different scale reflections of his or her person.

Still another object of the present invention is to provide a device of the character referred to in which means is provided for automatically illuminating the poser as an incident to the movement of a seat.

With the above and other objects in view, as will appear to those skilled in the art from the present disclosure, this invention includes all features in the said disclosure which are novel over the prior art and which are not claimed in any separate application.

In the accompanying drawings, in which certain modes of carrying out the present invention are shown for illustrative purposes:

Fig. 1 is a view in front elevation of one form which a variable image-observing device may assume in accordance with the present invention;

Fig. 2 is a view thereof in side elevation;

Fig. 3 is a top or plan view thereof shown in conjunction with an observing-mirror;

Fig. 4 is a vertical sectional view taken on the line 4—4 of Fig. 1;

Fig. 5 is a transverse sectional view taken on the line 5—5 of Fig. 4; and

Fig. 6 is a fragmentary view in central vertical section of the outer-portion of the mirror-carrying arm and the lower portion of the mirror-carrying post, together with the intervening associated parts.

The particular variable image-observing device herein chosen for illustration constitutes one of the species of a broader invention set forth in my copending application Ser. No. 275,135, filed May 23, 1939, and comprises a substantially-circular skeletonized assembly-plate 15 provided on its under face with a plurality of leg-sockets 16 each of which has entered into it the upper end of a leg or support 17 of any suitable type. The said assembly-plate 15 has interior portions skeletonized as shown for the purpose of lightness and clearance. Rigidly mounted upon the upper face of the assembly-plate 15 adjacent opposite rim-portions thereof is a bridge-like seat-carrying member 18 provided with an upstanding central boss 19 having a central bearing-passage 20 extending vertically and comprising a relatively-small diameter lower portion 20*a* and an upper portion 20*b* of relatively-large diameter.

Mounted with capacity for turning movement and vertical reciprocating movement in the bearing-passage 20 in the seat-carrying member 18, is a vertical shaft 21 having a relatively-small diameter lower portion 21*a* turning and reciprocating in the portion 20*a* of the bearing-passage 20, and an upper collar-like portion 21*b* turning and reciprocating in the upper enlarged portion 20*b* of the said bearing-passage 20.

Housed within the relatively-large upper portion 20*b* of the bearing-passage 20 is a helical spring 22 which encircles the relatively-small diameter lower portion 21*a* of the vertical shaft 21 and thrusts at its upper end against the under side of the collar-like portion 21*b* of the said shaft and yieldingly urges the latter upwardly. The upward movement of the vertical shaft 21 under the urge of the helical spring 22 is limited by the engagement of the collar-like portion 21*b* of the said shaft with the underface of a cap 23 removably secured to the upper end of the boss 19 of the seat-carrying member 18 as is clearly shown in Fig. 5 of the drawings.

Rigidly attached to the upper portion of the vertical shaft 21 by means of a set screw 24 or its equivalent, is a seat-carrying head 25 of substantially-tubular form and having an inturned flange 26 at its lower end and a disk-like top-plate 27 at its upper end. Rigidly secured to the

upper face of the disk-like top-plate 27 is a seat-frame 28 (Fig. 5). Securely attached to the upper surface of the seat-frame 28 just referred to, is a seat 29 preferably suitably padded and having a back-rest 30 against which a poser may lean.

As thus constructed and arranged the seat 29 is free to be turned by a poser about the vertical shaft 21 as a center and in either direction from its normal central position in which it is shown in Figs. 1 to 5 inclusive. Furthermore the seat 29, and its associated parts, is free for slight vertical movement for a purpose as will hereinafter appear, since the vertical shaft 21 is, as before described, capable of slight vertical sliding movement in the boss 19 of the seat-carrying member 18.

Depending from the seat 29 is a cylindrical skirt 31 which serves to conceal the major portion of the internal mechanism beneath the said seat and which is provided with an arcuate slot 31*a* through which the rear end of a mirror-carrying arm 32 projects.

The assembly-plate 15 before described is provided adjacent its front edge with an upstanding boss 33 in which is mounted a stud 34 extending vertically through the forward end of the mirror-carrying arm 32 and serving to pivotally connect the said arm to the seat-structure.

It is to be noted that the pivot point of the mirror-carrying arm 32, namely, the stud 34, is eccentrically positioned with respect to the pivot-point (the vertical shaft 21) of the seat 29 and is located within the confines of the area covered thereby.

Intermediate its inner and outer ends the mirror-carrying arm 32 is formed with two laterally-extending fingers 35—35 each of which carries a roller 36 riding upon the upper surface of a trackway 37 constituted by a portion of the assembly-plate 15 adjacent the rear portion thereof and extending concentrically with respect to the eccentrically-located stud 34.

Intermediate the stud 34 and the vertical shaft 21, the mirror-carrying arm 32 is provided with a coupling-slot 38 into which projects a coupling-pin 39 rigidly mounted, but with capacity for vertical adjustment, in a boss 40 formed upon the periphery of the seat-carrying head 25 and extending below the inturned flange 26 thereof, as is clearly shown in Fig. 5.

The outer end of the mirror-carrying arm 32 is formed with an upstanding tubular sleeve 41 into which fits, with capacity for turning movement and vertical withdrawal and installation therein, a tubular stem 42 rigidly attached to and depending from a relatively-short horizontal arm 43 of a vertical tubular mirror-carrying post 44. Secured to the upper portion of the post 44 is a mirror-frame 45 carrying a mirror 46 in its forward face which mirror is preferably of the plane type. Mounted in the rear face of the mirror-frame 45 is a magnifying mirror 47 which, in a manner as will hereinafter appear, is adapted to be faced about so as to face towards the seat 29 if desired.

Mounted partly within the frame 45 and extending partly forwardly through an aperture in the plane mirror 46 is a light-hood or reflector 48 carrying a socket 49 mounting an incandescent electric bulb 50 which is adapted to illuminate a poser positioned upon the seat 29, when properly energized in a manner as will hereinafter appear.

Leading from the socket 49 of the bulb 50 are two wires 51 and 52 soldered or otherwise electrically connected respectively to a conducting-rod 53 and a conducting-tube 54 as is clearly shown in Fig. 6 of the drawings. The said conducting-rod 53 is centrally mounted in the tubular stem 42 and is electrically insulated from the conducting-tube 54 which surrounds it, by an insulating-tube 55. The said conducting-tube 54 is in turn electrically insulated from the tubular stem 42 by means of an interposed insulating-tube 56.

Bearing against the lower end of the conducting-rod 53 is a brush 57 mounted upon the outer end of a resilient metallic arm 58 which is secured at its forward or fixed end to an insulating-block 59 secured to the mirror-carrying arm 32 before referred to. The said insulating-block 59 also carries a second resilient metallic arm 60 which carries a brush 61 at its outer end for engagement with the lower edge of the conducting-tube 54. Attached to the resilient arm 58 is an electric wire 62 which leads to one prong 63 of an electric plug 64 of any suitable type and adapted to be plugged into a source of electric current. Similarly the complemental resilient arm 60 has electrically connected to it, an electric wire 65 leading to one terminal of a tilting mercury switch 66 carried at the outer end of a lever 67 which is pivotally mounted upon a radial arm 68 offsetting from the seat-carrying member 18 as is shown in Fig. 5 of the drawings. The opposite terminal of the mercury switch 66 is connected by means of an electric wire 69 to the remaining prong 70 of the electric plug 64.

The end of the lever 67 opposite the end at which the mercury switch 66 is carried, is provided with a roller 71 which is adapted to be engaged by the under surface of the inturned flange 26 of the seat-carrying head 25 before referred to.

For the purpose of normally preventing the turning of the mirror-carrying post 44 relative to the upstanding sleeve 41 of the mirror-carrying 32, the horizontal arm 43 of the said post 44 is provided with a downwardly-extending V-shaped coupling-lug 72 fitting into a similarly shaped but upwardly-opening coupling-notch 73 formed in the upper edge of the said sleeve 41. In this manner the mirror-carrying post 44 (and the parts carried thereby) is releasably held in definite relationship with respect to the mirror-carrying arm 32 though its position may be changed by drawing the said post 44 upwardly to remove the coupling-lug 72 from the coupling-notch 73.

For the convenience of a hairdresser, beautician or the like, the mirror-carrying post 44 is preferably provided at a point immediately below the mirror-frame 45 with a tray 74 in which may be kept hairpins, cosmetics, or the like in convenient position for use by a person other than the poser seated upon the seat 29.

As thus constructed and arranged the parts are organized as a unit, though the invention contemplates other forms, provided however that in all instances the mirror-carrying arm 32 or its equivalent is mounted for movement about a center which is eccentric with respect to the center of a seat such for instance as 29 whereby, without the employment of complex mechanisms and without appreciable lost motion, the mirror 46 or its equivalent may be moved to change its angular-relationship with respect to the seat and hence with respect to a poser seated thereon, to reflect a variety of views to a mirror such as the

observing-mirror **75** indicated in Fig. 3. The said observing-mirror may be constituted by an ordinary dressing table mirror, a suitable wall mirror, or the like.

With the particular mechanism illustrated in the accompanying drawings, immediately that a poser is seated upon the seat **29** the said seat will be depressed by the weight of the person and overcome the helical spring **22** and effect the tilting of the lever **67** and hence of the mercury switch **66**, with the result that an electric circuit through the bulb **50** will be completed and the said bulb will be energized to illuminate the rear of the poser.

After a poser is seated upon the seat **29**, such poser may cause the mirror **46** to sweep part way around the rear of the said seat by turning the latter. The turning of the seat in a clockwise direction from its intermediate position will cause the mirror **46** and associated parts to swing around the stud **34** in a counterclockwise direction into the position shown, for instance, by the broken lines A in Fig. 3. In a similar manner a counterclockwise turning of the seat **29** and its associated parts will effect the clockwise movement of the mirror **46** and associated parts into a position such, for instance, as that indicated by the broken lines B in Fig. 3; it being understood, of course, that the mirror **46** may assume substantially an infinite number of angular relationships dependent upon the degree to which the said seat **29** or its equivalent is moved.

For the purpose of convenience of description let it be assumed that the mirror **46** has been shifted into the position A in which it will be noted that light from the rear or partial profile of a poser on the said seat will be reflected along the line *c* to the said mirror and will then be reflected back along the line *d* to the observing-mirror **75** wherein the poser may observe the reflection.

If desired, a poser may face toward the mirror **46** and observe therein reflections of the rear and partial sides of his or her person as reflected from the mirror **75**.

In the event that it is desired to bring a mirror closer to the poser to increase the scale of the reflection, the mirror-carrying post **44** may be slightly lifted to disengage the coupling-lug **72** from the coupling-notch **73**, and then turned through an arc of about 180° into the position in which it is indicated by broken lines in Fig. 2.

As before noted and as will be apparent from the foregoing considered in conjunction with the accompanying drawings, I have discovered that by mounting the mirror **46** or its equivalent for movement eccentrically with respect to the center of the seat **29** or its equivalent, much of the complex mechanism which would otherwise be required to effect the proper angular relationship of the mirror **46** or its equivalent, with respect to an observing-mirror such as **75**, is eliminated and lost motion and vibration reduced to a minimum.

The invention may be carried out in other specific ways than those herein set forth without departing from the spirit and essential characteristics of the invention, and the present embodiments are, therefore, to be considered in all respects as illustrative and not restrictive, and all changes coming within the meaning and equivalency range of the appended claims are intended to be embraced therein.

I claim:

1. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a movable seat-portion and a seat-support therefor; mirror-carrying means eccentrically-pivoted with respect to the center of the seat-portion of the said seat-structure and having a portion extending outwardly beyond the same in position to swing a movable mirror in an eccentric path around and with respect to the said seat-portion; a movable mirror carried by the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure and swinging with the said mirror-carrying means in an eccentric path around the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said movable seat portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

2. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a movable seat-portion and a seat-support therefor; mirror-carrying means organized as a unit with the said seat-structure and eccentrically-pivoted with respect to the center of the seat-portion thereof and having a portion extending outwardly beyond the boundary of the said seat-portion to swing a movable mirror in an eccentric path around the said seat-portion; a movable mirror carried by the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure with which latter it is organized as a unit, the said movable mirror swinging with the said mirror-carrying means in an eccentric path around the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said movable seat portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

3. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a movable seat-portion and a seat-support therefor; mirror-carrying means eccentrically-pivoted with respect to the center of the seat-portion of the said seat-structure at a point within the boundary of the same, the said mirror-carrying means having a portion extending outwardly beyond the said seat-portion in position to swing a movable mirror in an eccentric path around the said seat-portion; a movable mirror carried by the outwardly projecting portion of the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure and swinging with the said mirror-carrying means in an eccentric path around the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively interconnecting the said movable seat portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-

carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

4. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a movable seat-portion and a seat-portion therefor; mirror-carrying means organized as a unit with the said seat-structure and eccentrically-pivoted thereto within the boundary of the seat-portion thereof, the said mirror-carrying means having a portion extending outwardly beyond the boundary of the said seat-portion into position to swing a movable mirror in an eccentric path around the said seat-portion; and a movable mirror carried by the said eccentrically-pivoted mirror-carrying means so as to form a unit with the said seat-structure and located at a point above the surface of the seat-portion thereof and swinging with the said mirror-carrying means in an eccentric path around the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said movable seat portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

5. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion and a seat-support therefor; mirror-carrying means eccentrically-pivoted with respect to the pivot-point of the seat-portion of the said-structure and having a portion extending outwardly beyond the same in position to swing a movable mirror in an eccentric path around the said pivotal seat-portion; a movable-mirror carried by the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure and swinging with the said mirror-carrying means in an eccentric path around the pivot of the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said pivotal seat-portion with the said pivotal mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

6. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion and a seat-support therefor; mirror-carrying means organized as a unit with the said seat-structure and eccentrically-pivoted with respect to the pivot of the seat-portion thereof and having a portion extending outwardly beyond the boundary of the said seat-portion to swing a movable-mirror in an eccentric path with respect to the pivot of the said seat-portion; a movable-mirror carried by the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure with which latter it is organized as a unit, the said movable-mirror swinging with the said mirror-carrying means in an eccentric path around the pivot of the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said pivotal seat-portion with the said pivotal mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

7. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion and a seat-support therefor; mirror-carrying means eccentrically-pivoted with respect to the pivot of the seat-portion of the said seat-structure at a point within the boundary of the same, the said mirror-carrying means having a portion extending outwardly beyond the boundary of the said seat-portion in position to swing a movable-mirror in an eccentric path around the pivot of the said seat-portion; a movable-mirror carried by the outwardly-projecting portion of the said eccentrically-pivoted mirror-carrying means at a point above the surface of the seat-portion of the said seat-structure and swinging with the said mirror-carrying means in an eccentric path around the pivot of the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively interconnecting the said pivotal seat-portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

8. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion and a seat-support therefor; mirror-carrying means organized as a unit with the said seat-structure and pivoted thereto at a point within the boundary of the seat-portion thereof and eccentrically located with respect to the pivot of the said pivotal seat-portion, the said mirror-carrying means having a portion extending outwardly beyond the boundary of the said seat-portion into position to swing a movable-mirror in an eccentric path around the pivot of the said seat-portion; a movable-mirror carried by the said eccentrically-pivoted mirror-carrying means so as to form a unit with the said seat-structure and located at a point above the surface of the seat-portion thereof and swinging with the said mirror-carrying means in an eccentric path around the pivot of the said seat-portion to enable back-views of a poser thereon to be observed; and automatic actuating-means operatively-interconnecting the said pivotal seat-portion with the said mirror-carrying means and constructed and arranged to automatically cause the said mirror-carrying means and the said seat-portion to both move simultaneously and also with respect to each other and also with respect to the said seat-support, when the said movable seat-portion is moved.

9. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a seating-surface; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the seating-surface of the said

seat-structure and eccentrically pivoted to the latter at one side of the center thereof and extending beneath the said seating-surface to the other side of the center and beyond the edge thereof and thence upwardly to a point above the said seating-surface; and a movable-mirror carried by the portion of the said mirror-carrying means which extends above the seating-surface of the said seat-structure and located on the opposite side of the center of the latter from the point at which the said mirror-carrying means is pivoted to the seat-structure; the aforesaid parts being constructed and arranged so that, as the said mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the center of the said seat-structure than the trailing-edge thereof to enable different angular views of a poser seated on the said seat-structure to be observed.

10. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a seating-surface; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the seating-surface of the said seat-structure and eccentrically pivoted to the latter at one side of the center thereof and extending beneath the said seating-surface to the other side of the center and beyond the edge thereof and thence upwardly to a point above the said seating-surface; and a movable-mirror carried by the portion of the said mirror-carrying means which extends above the seating-surface of the said seat-structure and located on the opposite side of the center of the latter from the point at which the said mirror-carrying means is pivoted to the seat-structure; the said pivotal mirror-carrying means being organized as a unit with the said seat-structure so as to be bodily portable therewith and the aforesaid part being constructed and arranged so that, as the said mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the center of the said seat-structure than the trailing-edge thereof to enable different angular-views of a poser seated on the said seat-structure to be observed.

11. A variable image-observing device for use in conjunction with an observing mirror and comprising: a seat-structure having a movable seat-portion; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the seat-portion of the said seat-structure and eccentrically pivoted thereto at one side of the center thereof and extending beneath the said seat-portion to the other side of the center and beyond the edge thereof and thence upwardly to a point above the upper surface of the said seat-porion; a movable-mirror carried by the portion of the said mirror-carrying means which extends above the upper surface of the seat-portion of the said seat-structure and located on the opposite sides of the center of the latter from the point at which the said mirror-carrying means is pivoted to the seat-structure; the aforesaid parts being constructed and arranged so that, as the said mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the center of the said seat-structure than the trailing edge thereof to enable different angular views of a poser seated on the said movable seat-portion to be observed; and automatic actuating-means operatively interconnecting the said movable seat-portion with the said mirror-carrying means and automatically shifting the latter and the movable-mirror carried thereby relative to the movable seat-portion of the said seat-structure as an incident to the movement of the same.

12. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the pivotal seat-portion of the said seat-structure and eccentrically pivoted to the latter at one side of the pivot-point of the said pivotal seat-portion and extending beneath the same to the other side of the center and beyond the edge thereof and thence upwardly to a point above the upper surface of the said pivotal seat-portion; a movable-mirror carried by the portion of the said pivotal mirror-carrying means which extends above the upper surface of the pivotal seat-portion of the said seat-structure and located on the opposite side of the center thereof from the point at which the said mirror-carrying means is pivoted to the seat-structure; the aforesaid parts being constructed and arranged so that as the said pivotal mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the pivot-point of the said pivotal seat-portion than the trailing edge of the said movable-mirror to enable different angular views of a poser seated on the said pivotal seat-portion to be observed; and automatic actuating-means operatively interconnecting the said pivotal seat-portion with the said mirror-carrying means and automatically shifting the latter and the movable-mirror carried thereby relative to the pivotal seat-portion of the said seat-structure as an incident to the turning movement of the same.

13. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a pivotal seat-portion; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the pivotal seat-portion of the said seat-structure and eccentrically pivoted to the latter at one side of the pivot-point of the said pivotal seat-portion and extending beneath the same to the other side of the center and beyond the edge thereof and thence upwardly to a point above the upper surface of the said pivotal seat-portion; a movable-mirror carried by the portion of the said pivotal mirror-carrying means which extends above the upper surface of the pivotal seat-portion of the said seat-structure and located on the opposite side of the pivot thereof from the point at which the said mirror-carrying means is pivoted to the seat-structure; the aforesaid parts being constructed and arranged so that as the said pivotal mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the pivot-point of the said pivotal seat-portion than the trailing-

edge of the said movable-mirror to enable different angular views of a poser seated on the said pivotal seat-portion to be observed; and automatic actuating-means located on the same side of the pivot-point of the said pivotal seat-portion as is the pivot-point of the said pivotal mirror-carrying means and operatively interconnecting the said pivotal seat-portion with the said mirror-carrying means and automatically shifting the latter and the movable-mirror carried thereby relative to the pivotal seat-portion of the said seat-structure as an incident to the movement of the same.

14. A variable image-observing device for use in conjunction with an observing-mirror and comprising: a seat-structure having a seating-surface; pivotal mirror-carrying means having a portion extending in a generally-horizontal direction beneath the seating-surface of the said seat-structure and eccentrically pivoted to the latter at one side of the center thereof and extending beneath the said seating-surface to the other side of the center and beyond the edge thereof and thence upwardly to a point above the said seating-surface, the portion of the said mirror-carrying means which extends above the said seat-surface, including a vertically-extensible member; and a movable-mirror carried by the vertically-extensible member of the said mirror-carrying means which extends above the seating-surface of the said seat-structure and located on the opposite side of the center of the latter from the point at which the said mirror-carrying means is pivoted to the seat-structure; the aforesaid parts being constructed and arranged so that, as the said mirror-carrying means and the said movable-mirror are moved in either direction from an intermediate position, the leading-edge of the said movable-mirror is automatically turned into a position more remote from the center of the said seat-structure than the trailing-edge thereof to enable different angular views of a poser seated on the said seat-structure to be observed.

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