

The Foot-Board is self-sustaining at any point in its range, which is 7 inches, and can be adjusted by the patient, at pleasure, when not under operation; it terminates in an additional fixed Rest, 6 inches above the platform, having an easy passage under it for the feet, and giving an opportunity to ease the limbs by a change of position. To this additional Rest is attached a supplementary Foot-Bar, pivoted so that it can be thrown up 12 inches above the platform, thus bringing it level with the Seat, and shortening the distance for children. When in use it is locked in place by the Spring-Pins MM, which need only be lifted, to swing the Bar under the Foot-Board out of the way. The whole body of the Chair revolves on its Base, and can be locked firmly at any point.

The Head-Rest is well shown by Cuts and description on page 244.

A is the Shaft by which the Chair, above the Base, may be raised 11 inches.

B, the Shaft by which the entire Chair may be thrown into an inclined position, pivoting at A.

C, the Shaft by which the Foot-Board may be raised up to the line K.

D is the Handle by which the Adjustable Back may be locked at any point.

E, a Crank attached to a revolving nut working on a screw by which the Back is set at the angle desired.

F is a Handle which locks the Head-Rest Bar, securing it in its turning as well as in its height.

G is the Locking-Handle of the Head-Rest.

H is the Pivot-Socket of the Head-Rest.

I is a Treadle connected with a Shoe, which secures the Chair from revolving.

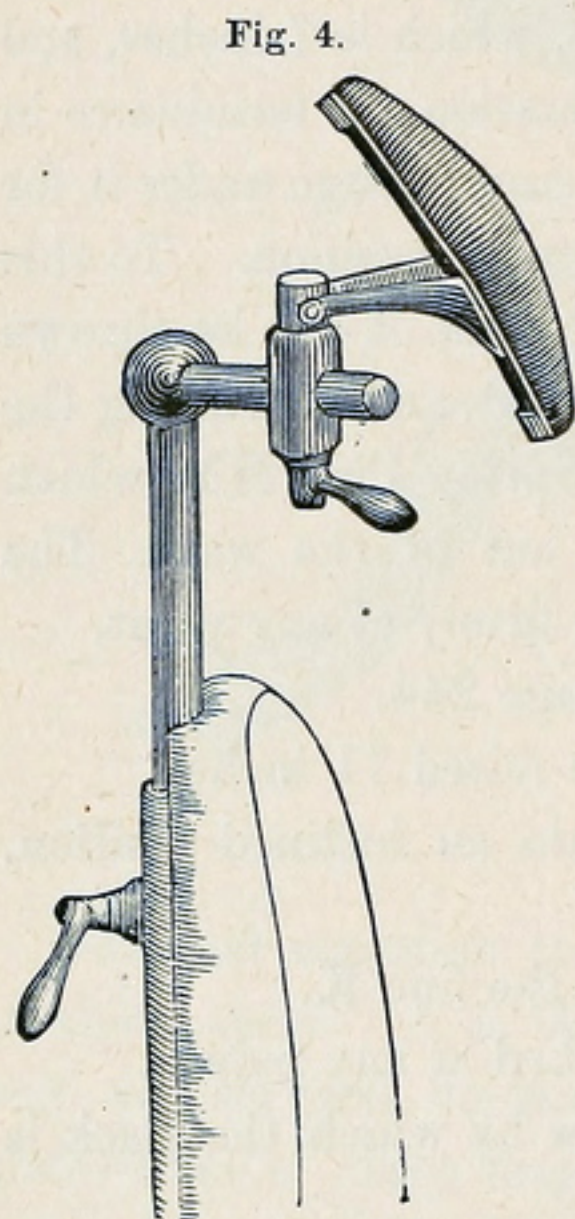
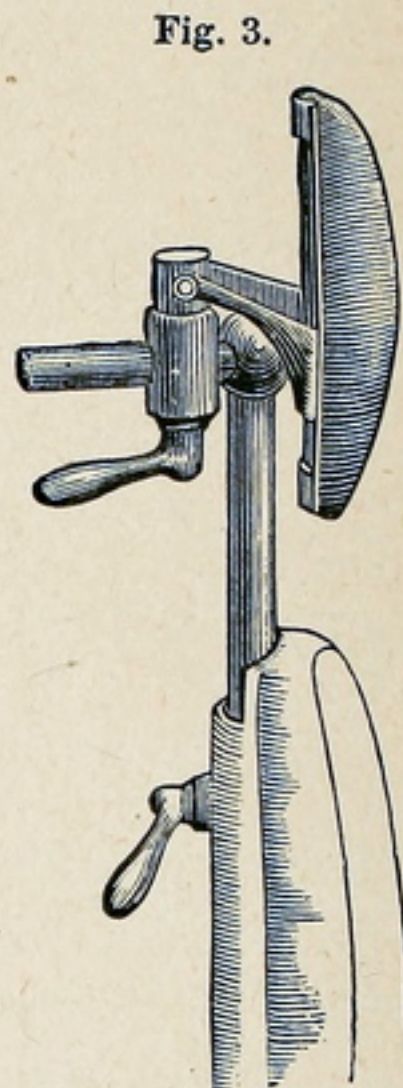
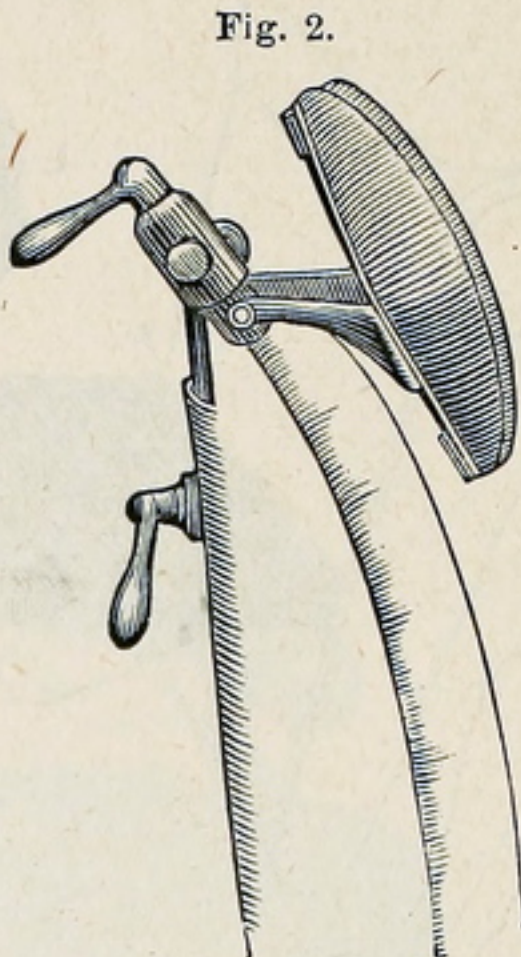
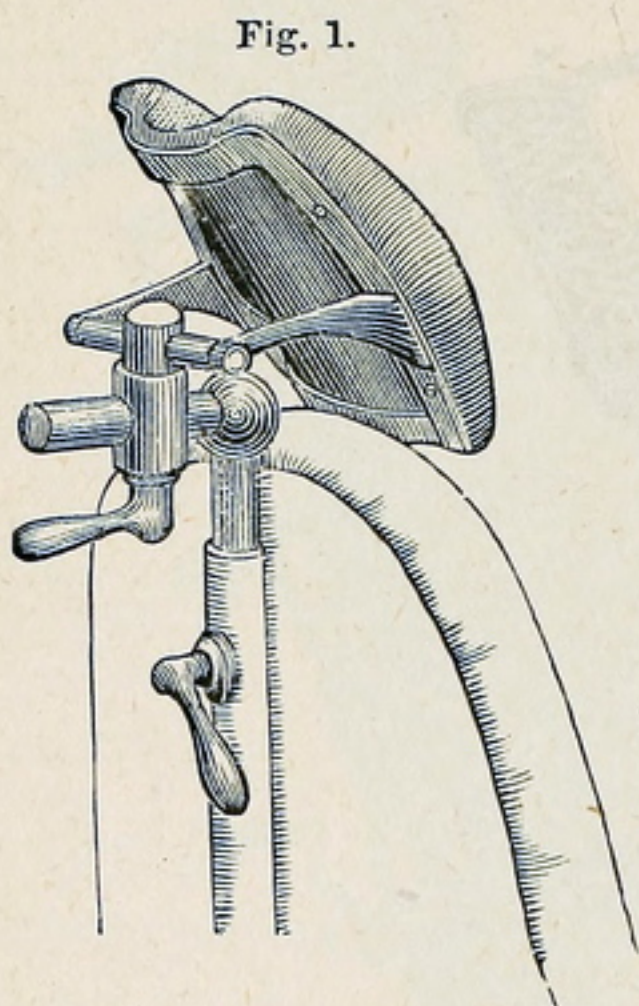
L is the Supplementary Foot-Bar seen in the outline Cut in position for use. In the full Drawing it is as when not in use.

MM, Locking-Pins of the supplementary Foot-Bar.

Price of the S. S. White Dental Chair, in Plush or Leather	\$175.00
Boxing	5.00

NEW HEAD-REST.

Patented September 24th, 1867, and December 28th, 1875.



The New Head-Rest illustrated in the Cuts is believed to possess many and very decided advantages over any hitherto in the market. For lightness and strength, for facility and range of movement, for comfort to the patient and convenience to the Operator, it is without a rival. It is capable of easier and quicker adjustment, and has greater range, with fixation at any desired position, than any other Head-Rest we have ever seen; while the form of the frame and the character of the upholstery leave nothing to be desired by the patient.

Fig. 1 shows the Head-Rest at a medium position, its axis inclined to the rear.

Fig. 2 shows the Head-Rest at its lowest position, four inches below the top of the Chair, to accommodate children.

Fig. 3 shows the Head-Rest elevated, and in line with the back of the Chair,—a desirable position for operations on the lower jaw.

Fig. 4 represents the Head-Rest at the same height as in Fig. 3, but thrown forward seven inches from the line of the Chair-back,—a position well adapted for round-shouldered patients.

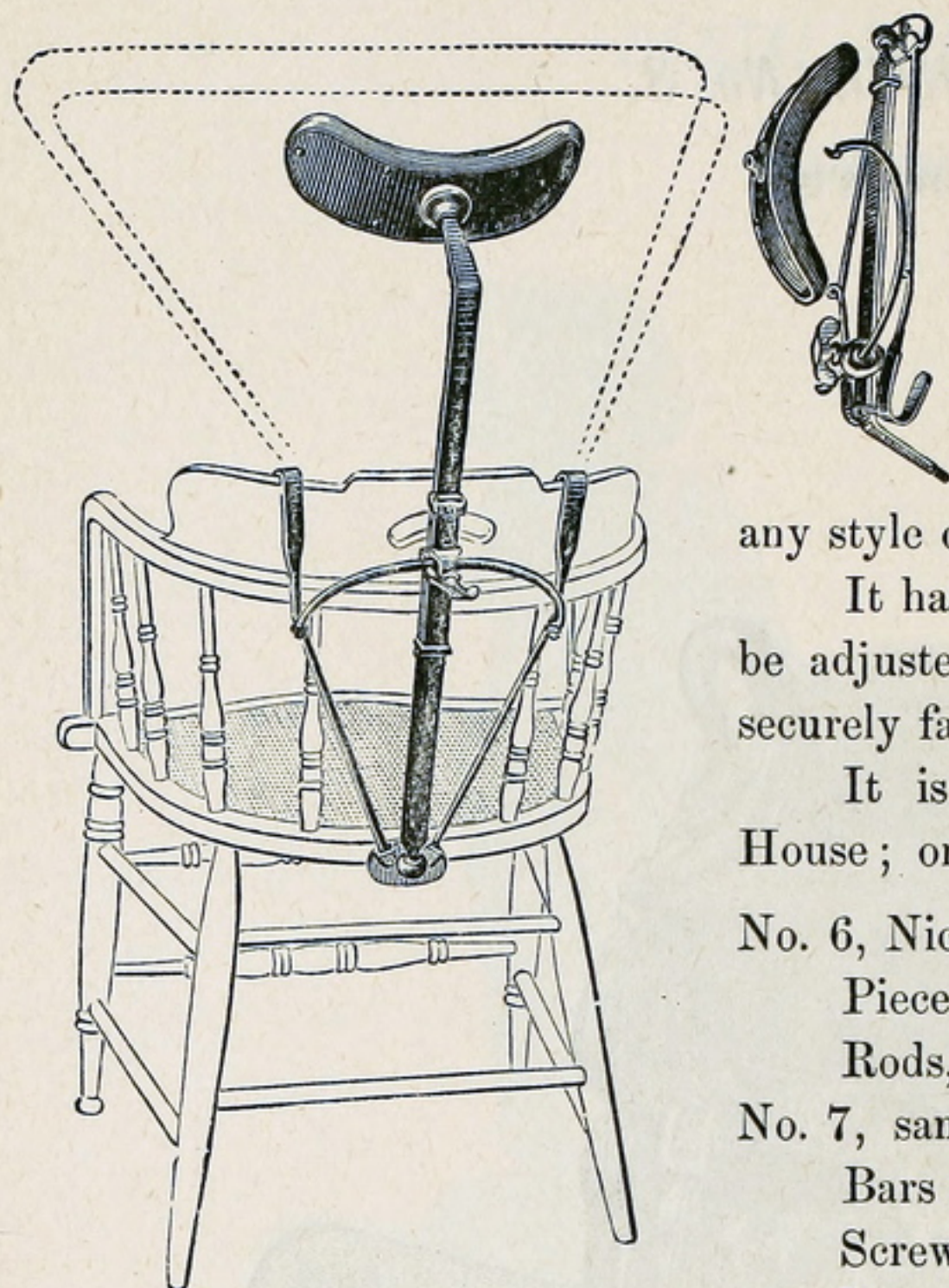
These illustrations, which might be greatly multiplied, will serve to show the range of movement of which the Head-Rest is capable.

It needs no modification for any of the Harris Chairs now in use, and is adaptable to any Chair which has a sliding rod in the back.

Price, adapted to the Harris Chair	\$12.00
“ “ “ Morrison Chair, including the Upright Support . . .	12.00

IMPROVED SELF-ATTACHING PORTABLE HEAD-REST.

INVENTION OF DR. O. C. WHITE.



The accompanying Cuts represent Rests Nos. 6 and 7 applied to a common office-chair, with dotted lines showing its movement; and the Rest, on the same scale of size, folded up, to occupy but little space, either for transportation or to lay aside. Weight, $4\frac{3}{4}$ pounds.

It makes its own fastening to almost any style of Chair, Sofa, Lounge, or Settee.

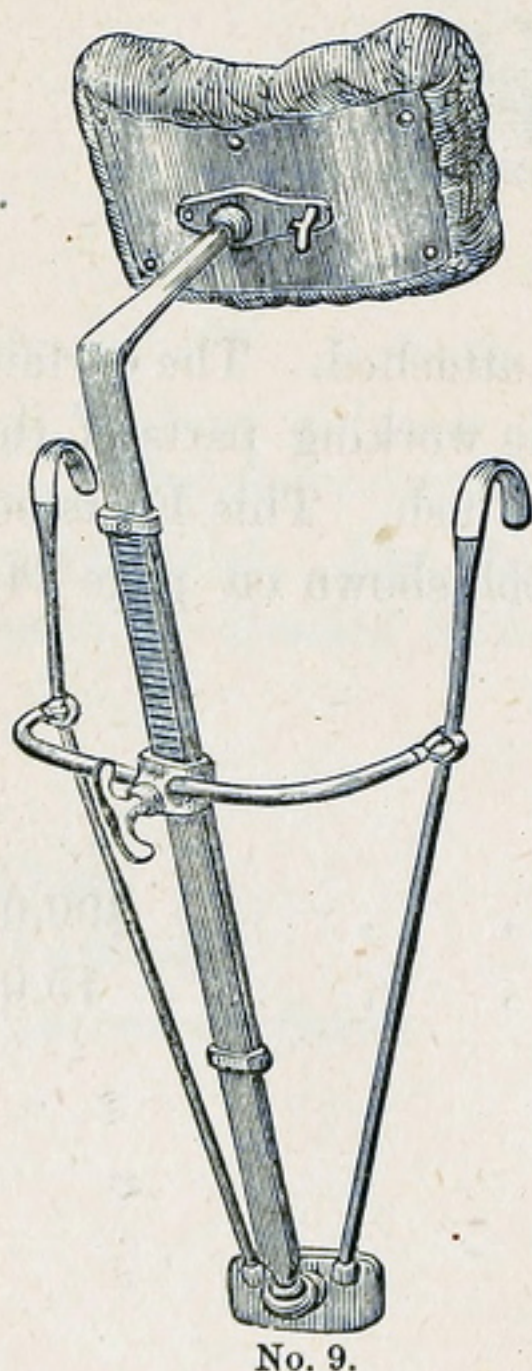
It has full movement in all directions, and may be adjusted for a tall person or for a child, and is securely fastened by turning a *single* Thumb-Screw.

It is well adapted for Office, Travel, or the House; on Chairs for the sick it is invaluable.

No. 6, Nickel-Plated Thumb-Screw and Top-Piece, Japanned Steel Bars and Slide-Rods, upholstered in Plush . . . \$10.00

No. 7, same form, Japanned Wrought-Iron Bars and Slide-Rods, Japanned Thumb-Screw and Top-Piece, upholstered in Rep . . . 7.50

PORTABLE HEAD-REST, No. 9.



This Rest is much heavier than Nos. 6 and 7, and has the principal movements and advantages of a Stationary Head-Rest. It can be adapted to almost any Chair, and is thus for many purposes equivalent to an extra Operating-Chair in the office. It is especially useful for making examinations of the mouth, and in cases where frequent changes of position and light are desired. It is attached by a ball-and-socket joint.

The upholstery is of fine Plush, stuffed with curled hair, with sewed rolls to fit the head.

The Rest can be folded up so as to occupy but little space, as shown in Cut of Nos. 6 and 7. The metal portions are so arranged as to afford the greatest firmness and strength, and are made of Steel and Wrought and Malleable Iron, nicely Japanned. The Thumb-Screws and Socket-Plate are Nickel-Plated. Weight, $7\frac{1}{4}$ lbs.

Price, Complete. Plush, Silver-Plated Mountings . . \$15.00
 " " Rep, Japanned Mountings . . 12.00

No. 9.

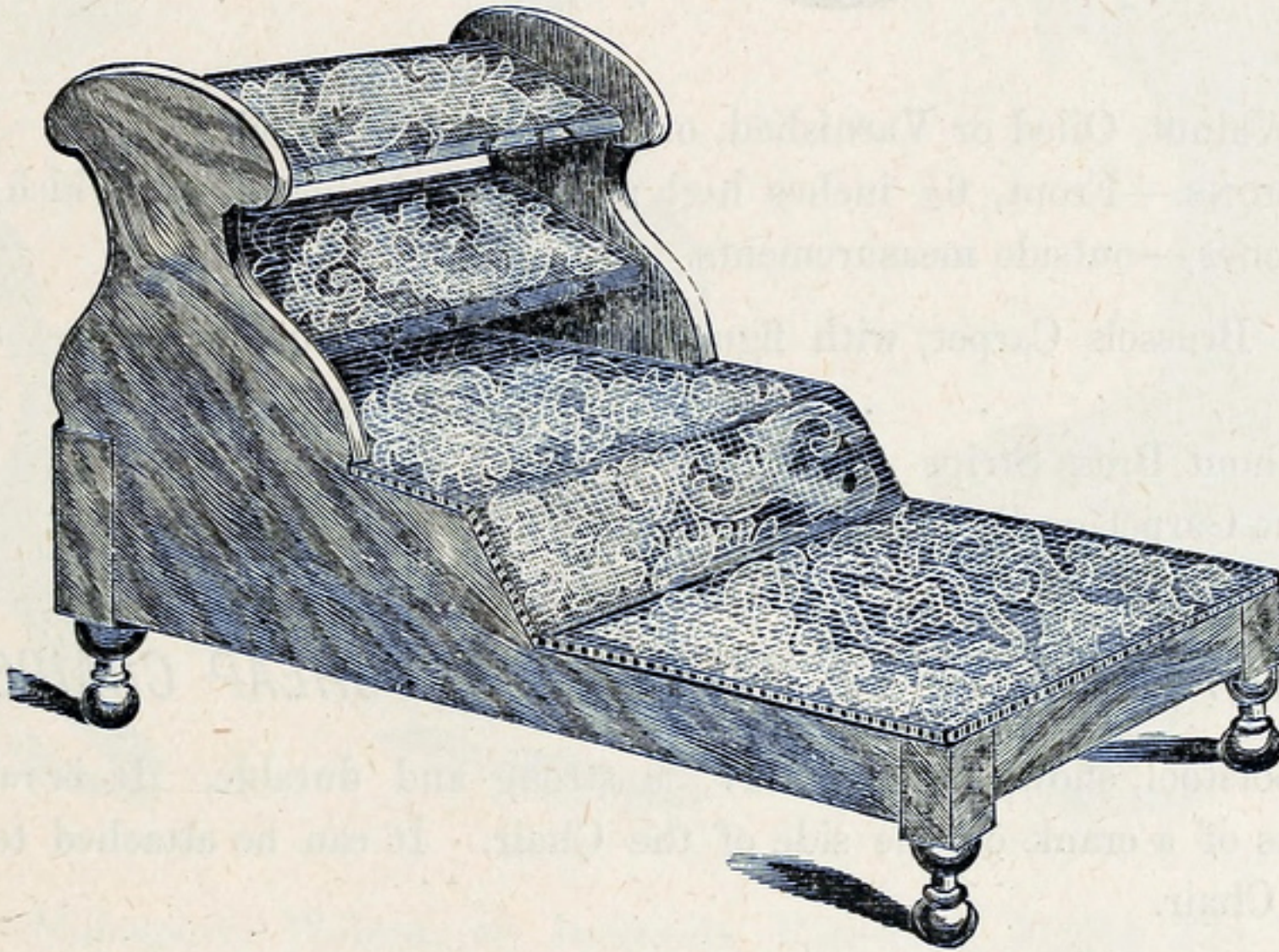
Chair Appurtenances.

FOOTSTOOLS.

These Footstools (Nos. 1, 2, 3, 4), illustrated in the Cut on page 246, are strong and convenient. They can be raised and lowered to suit the rise and fall of the Chair Seat.

No. 1, Plain Walnut, covered with Ingrain Carpet	\$11.00
No. 2, Mahogany, Walnut, or Imitation Rosewood, covered with Brussels Carpet	13.00
No. 3, Mahogany or Walnut, Carved, and covered with Velvet Carpet	20.00
No. 4, Rosewood, Carved, and covered with best Velvet Carpet	25.00

No. 5.

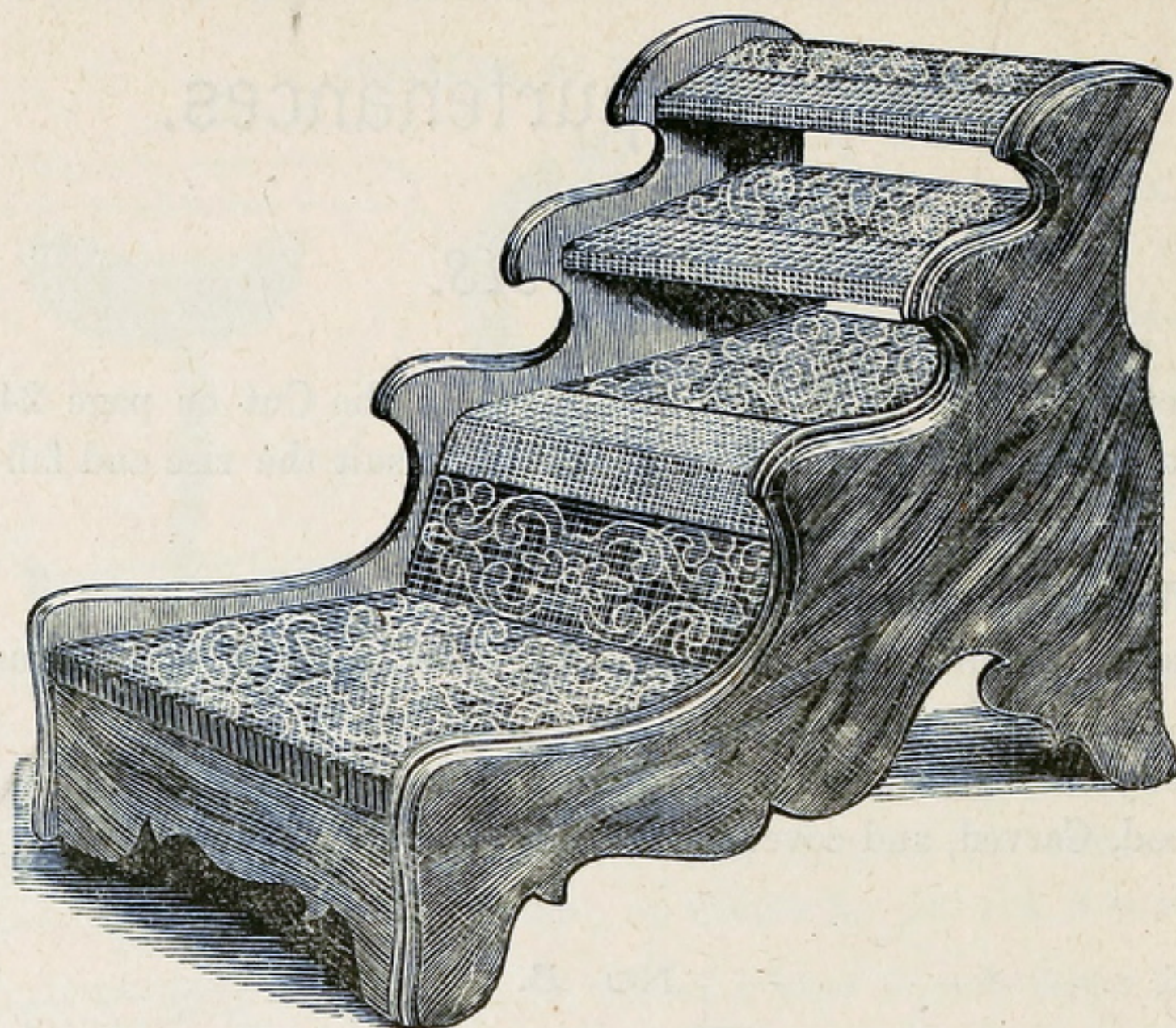


No. 5, Walnut, Oiled or Varnished, or Imitation Rosewood or Mahogany.

DIMENSIONS.—Front, 6½ inches high; back, 20 inches high; width, 18 inches; length, 30 inches,—outside measurements.

Covered with Brussels Carpet	\$12.50
Without Carpet	9.00
Brass Foot-Strips to protect the Carpet, extra	3.00

No. 6.



No. 6, Walnut, Oiled or Varnished, or Imitation Rosewood.

DIMENSIONS.—Front, $6\frac{1}{2}$ inches high; back, 25 inches high; width, 19 inches; length, 30 inches,—outside measurements.

Covered with Brussels Carpet, with figured Brass Foot-Strips to protect the

Carpet	\$16.50
Carpeted, without Brass Strips	13.50
Plain, without Carpet or Brass Strips	10.00

FOOTSTOOL TO BE ATTACHED TO CHEAP CHAIRS.

This Footstool, shown on page 247, is strong and durable. It is raised or lowered by means of a crank on the side of the Chair. It can be attached to almost any wood-framed Chair.

Price	\$15.00
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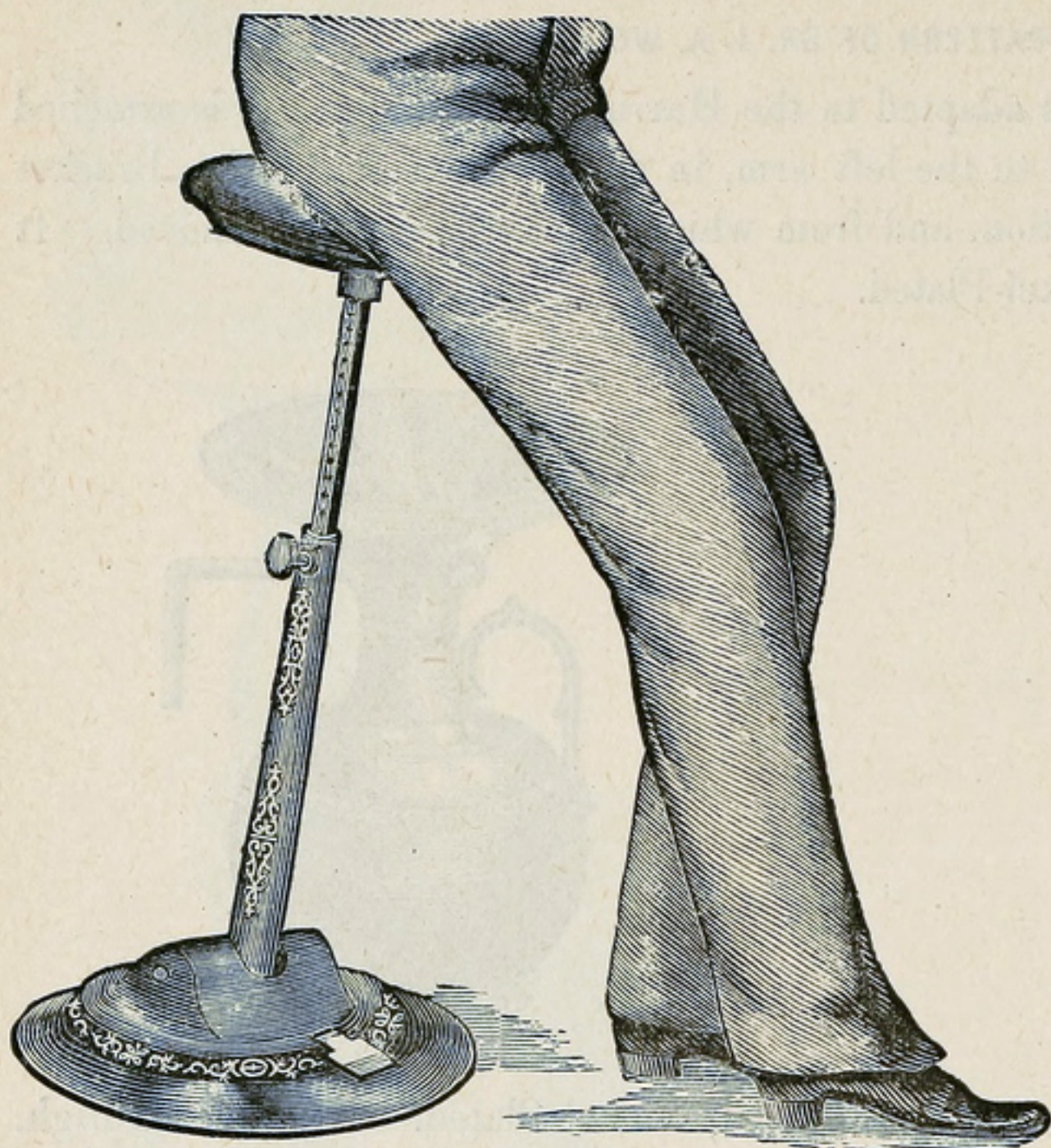
CUP FOR PLUGGERS, EXCAVATORS, ETC.



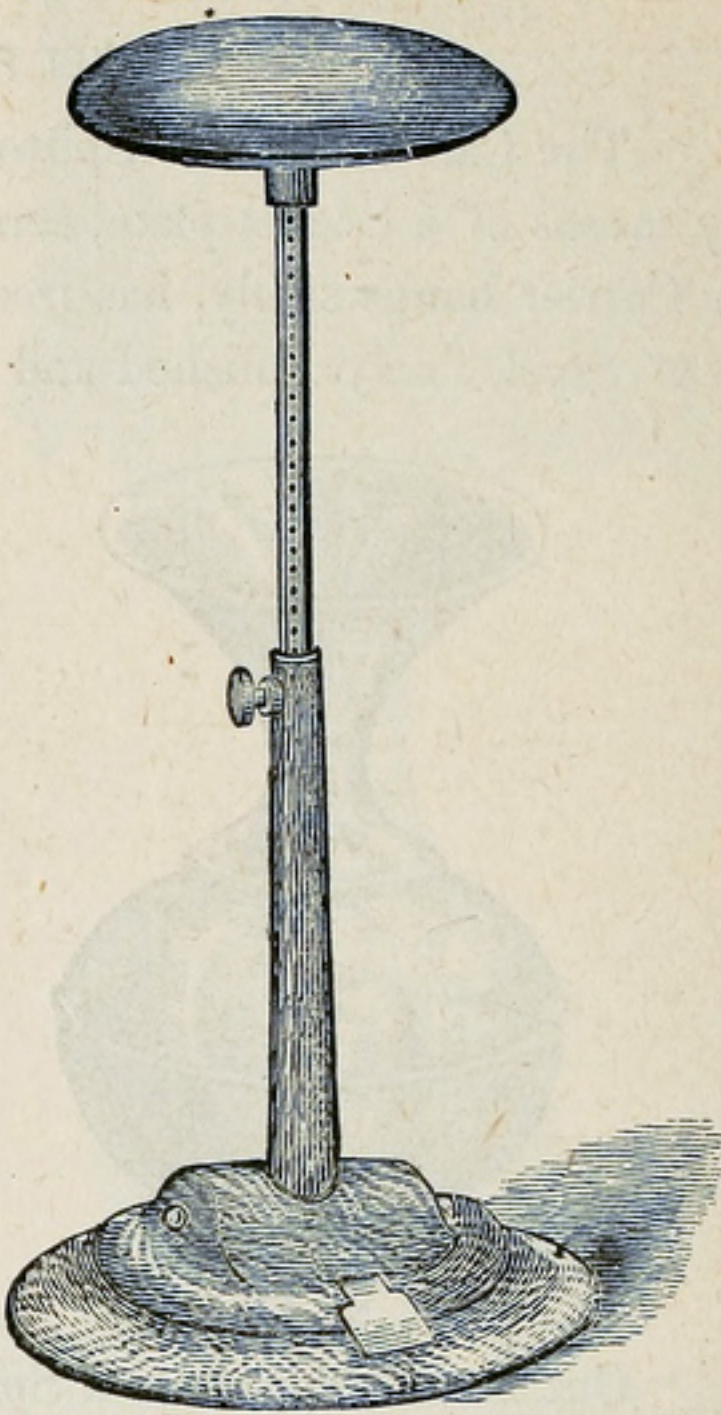
This Cup is designed to be attached to, or set into, any extension bracket or instrument table, for holding pluggers, excavators, files, etc. It is one of the most convenient attachments to a Table yet produced. It is made in the best manner. It can be set into a Table without interfering with the drawers, or can be attached by a ring shown in Cut.

Cup, Black Walnut, highly polished	each 60 cents
Ring, Japanned	" 10 "

DR. I. W. LYON'S IMPROVED ADJUSTABLE STOOL.



No. 1.



No. 2.

A Stool designed for Dentists. The Base is Cast-iron, and the Shaft is attached to it in such a way that it may be changed from a perpendicular and held at any desired angle, by means of the Treadle. The Top revolves, and may be raised from 23 to 35 inches, and made fast at any point. It is upholstered with curled hair, and covered with Green or Crimson Plush, or Leather.

The improvement consists in a change in the shape of the Base, by which the Ratchet Lock is placed beneath, and the Treadle only (which is Nickel-Plated) projects, as shown in the Cut. The Operator can change the angle at pleasure, by placing the heel upon the Treadle, without rising from the Stool. Another improvement consists in a new form of Ratchet Lock, which holds the Stool firmly at the desired angle without danger of slipping. A still further improvement is in the means by which the Stool is held at the desired height. The Sliding-rod has a groove or slot in which holes have been drilled to receive a Plunger, which springs into place at each half-inch of the Rod, requiring only the force of the thumb and finger to withdraw it when a change of height is required.

The *inclined position* (represented in Cut No. 1) gives a peculiarly agreeable sensation of rest and comfort, coming up, as it does, *well at the back, thereby supporting the spine*, giving freedom of action to the limbs, and allowing the feet to rest upon the floor, dispensing with the necessity of a foot-rest. The Stool is now in use by many leading Dentists, who speak of it in the highest terms of praise.

No. 1. Japanned Black, Gilt or Figured Band, Nickel-Plated Lever . . .	\$18.00
" 2. Imitation of Oak, Nickel-Plated Lever and Thumb Screw . . .	20.00
" 3. " of Rosewood, or Rosewood and Oak, Nickel-Plated Lever and Thumb Screw	21.00
Boxing, extra	1.00