

(No Model.)

J. T. WHITE.

MOUNTING AND BOXING ANATOMICAL CHARTS.

No. 400,151.

Patented Mar. 26, 1889.

Fig. 5.

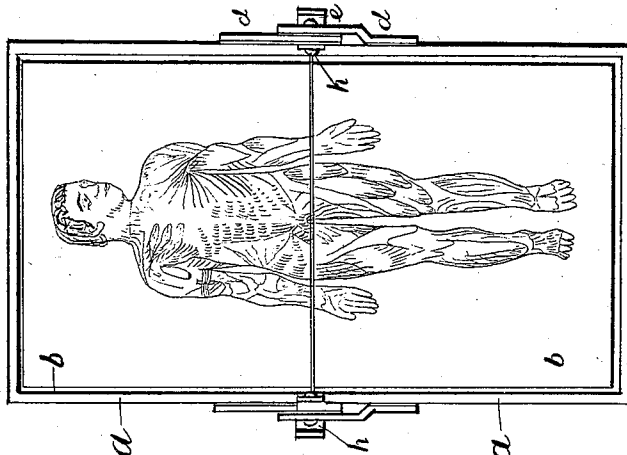


Fig. 4.

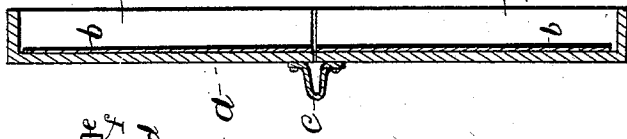


Fig. 3.

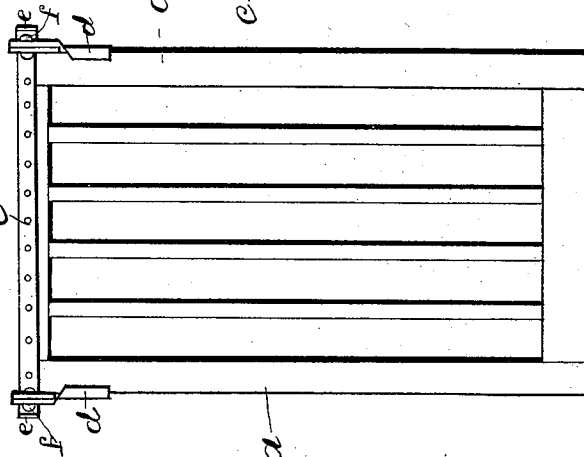


Fig. 2.

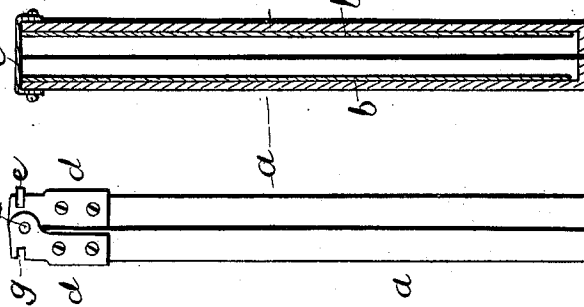
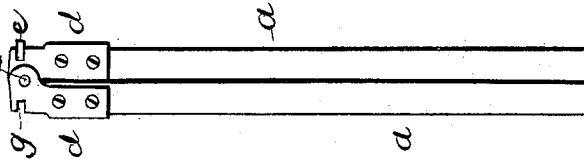


Fig. 1.



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MOUNTING AND BOXING ANATOMICAL CHARTS.

SPECIFICATION forming part of Letters Patent No. 400,151, dated March 26, 1889.

Application filed February 24, 1888. Serial No. 265,217. (No model.)

To all whom it may concern:

Be it known that I, JAMES TERRY WHITE, of the city, county, and State of New York, have invented some new and useful Improvements in Mounting and Boxing Anatomical Charts; and I do declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to mounting, boxing, or framing and displaying anatomical charts or manikins and all other analogous matter.

The invention consists in mounting an anatomical chart or manikin within a suitable box or case, which is made from some suitable material. The manikin which I propose to mount within said box or case was secured to me by Letters Patent bearing date May 18, 1886, No. 342,154, and reissued December 14, 1886, No. 10,790. This manikin represents a full-sized man, which is mounted on two pieces of card-board with two of its end edges hinged together, thereby allowing the two boards to be folded with the chart upon the inner side thereof. I find that for many uses this mode of mounting the manikin or chart is desirable, especially when kept in a cool place and infrequently used; but in shipping from place to place the charts thus mounted are liable to be injured by abrasion and made unfit for use. Therefore in consequence of these defects I have invented and adopted the hereinafter-described mode of mounting the manikin permanently in a box or case, wherein said manikin is protected from injury while in transit or from becoming warped or soiled. The box or case is preferably made from light wood and stained. The two sections of the case or box are hinged together by means of suitable lock-hinges, which, when opened, lock themselves and keep the exposed manikin within the same plane. An application for a patent for said hinge is filed and bears even date herewith.

Figure 1 represents an edge view of a box or case in which the manikin is folded. Fig. 2 represents a sectional view of Fig. 1. Fig. 3 represents a side view of the box. Fig. 4 represents an edge view opened and in section. Fig. 5 represents a front view of the

box or case opened and showing the manikin or anatomical chart.

Like letters of reference designate corresponding parts in the figures.

The box *a* in Fig. 1 is represented as being closed, while *d* represents one of the hinges which turn around the central point, *f*. *g* are notches or holes in opposite sides of the hinge. The two notches coincide when the two halves of the box or case are thrown in the same plane. When so adjusted, a stop-spring, *e*, will fall into the said notches or holes and hold the two halves or sections of the box or case in position until the spring is forced from the notches. The springs are shown on each side of the box at *e* in Figs. 3 and 5.

In the central section, Fig. 2, *a* represents the box or case, and *b* the manikin or chart secured to the inner surface of said box or case. The bottom end of this box is solid, while the top end thereof is covered with some suitable textile fabric or other suitable material, such as rubber, leather, waterproof paper, paper, wood, metals, or any combination of those substances.

A front view of flexible covering is shown in Fig. 3 at *c*, and also in sectional view, Fig. 4. At *c* it takes the bent position, as shown when the box or case is opened, thus allowing the two edges of the box or case at the center thereof to come close together, and also the two sections of the manikin. The box or case is made with just space enough when folded to admit the manikin and one or two other plates containing enlarged microscopic views of various parts of the human system. The manikin itself is built up of several thicknesses of card-board, which are made to open out similar to the leaves of a book. As the top and bottom sections of the manikin are made up of leaves they will when folded occupy considerable space. This box can be made to conform to any map, chart, or other matter analogous thereto. Two or more of these boxes can be so arranged that when opened out their inner surfaces will all coincide and made to expose a long surface on which large figures or plans can be displayed.

What I claim, and desire to secure by Letters Patent, is—

A mounting for charts, &c., consisting of a plurality of box-sections hinged together by lock-hinges, so as to be held open in flat position, the joints being covered by flexible material, as described, and a sectional chart having its separate sections secured to the box-sections, so as to open with the box and be

secured in flat position when open, all in combination, substantially as described.

JAMES TERRY WHITE.

Witnesses:

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