

(No Model.)

2 Sheets—Sheet 1.

I. G. RICHARDSON.
WALL DESK.

No. 509,101.

Patented Nov. 21, 1893.

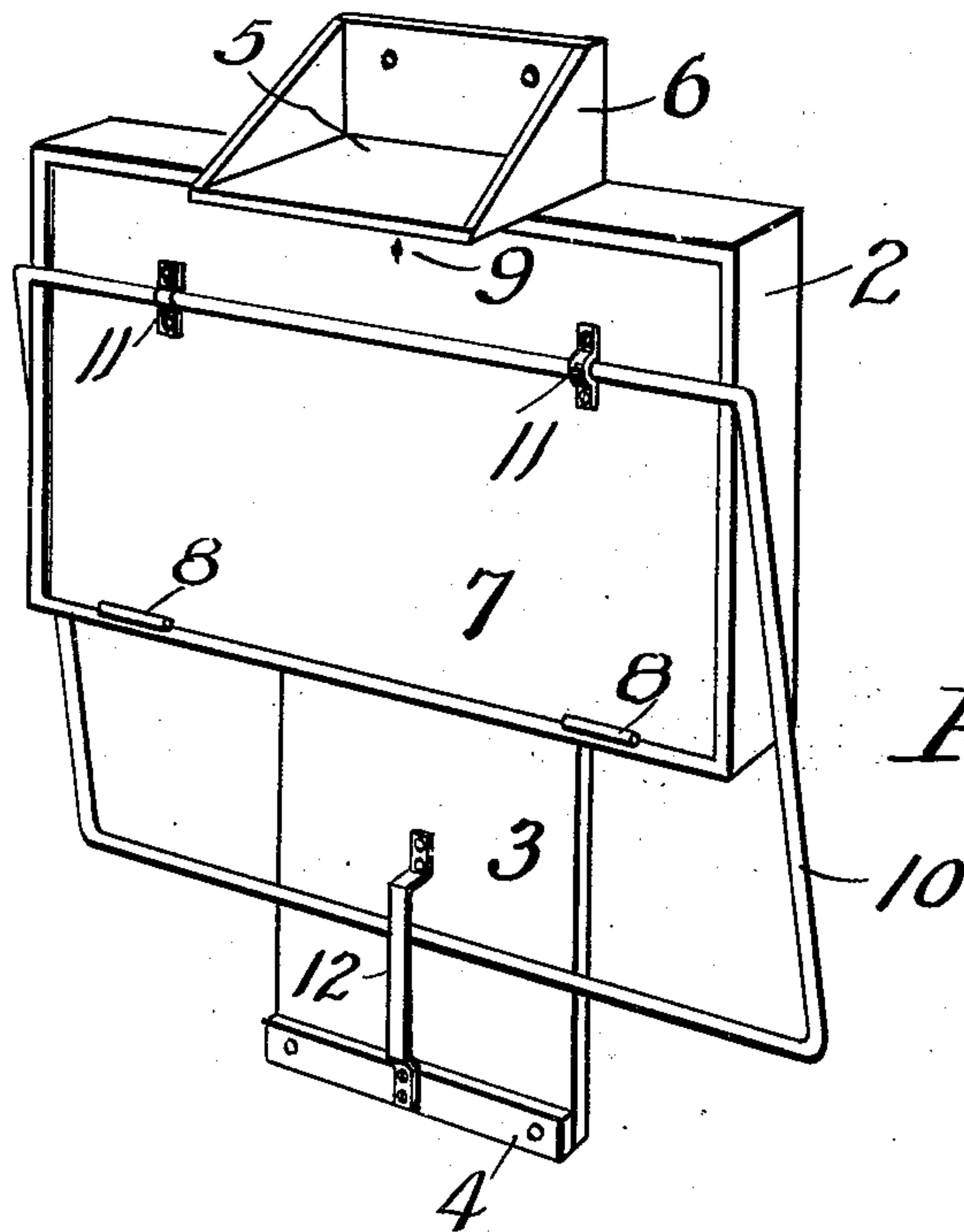


Fig. 1.

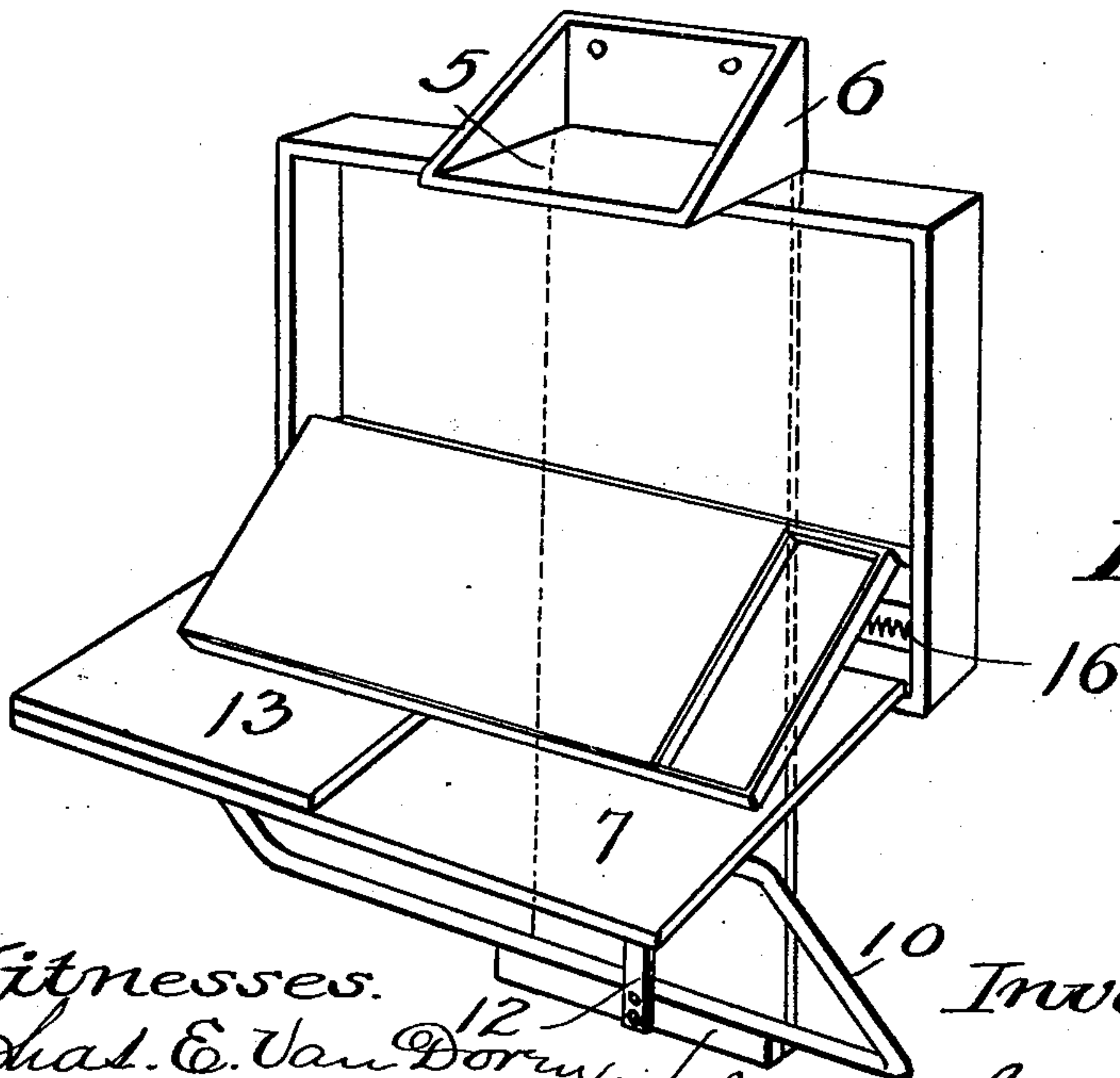


Fig. 2.

Witnesses.

Chat. E. Van Doren.

C. E. Van Doren

Inventor;

Ingraham Gould Richardson

By *Paul & Hawley*
his attorneys.

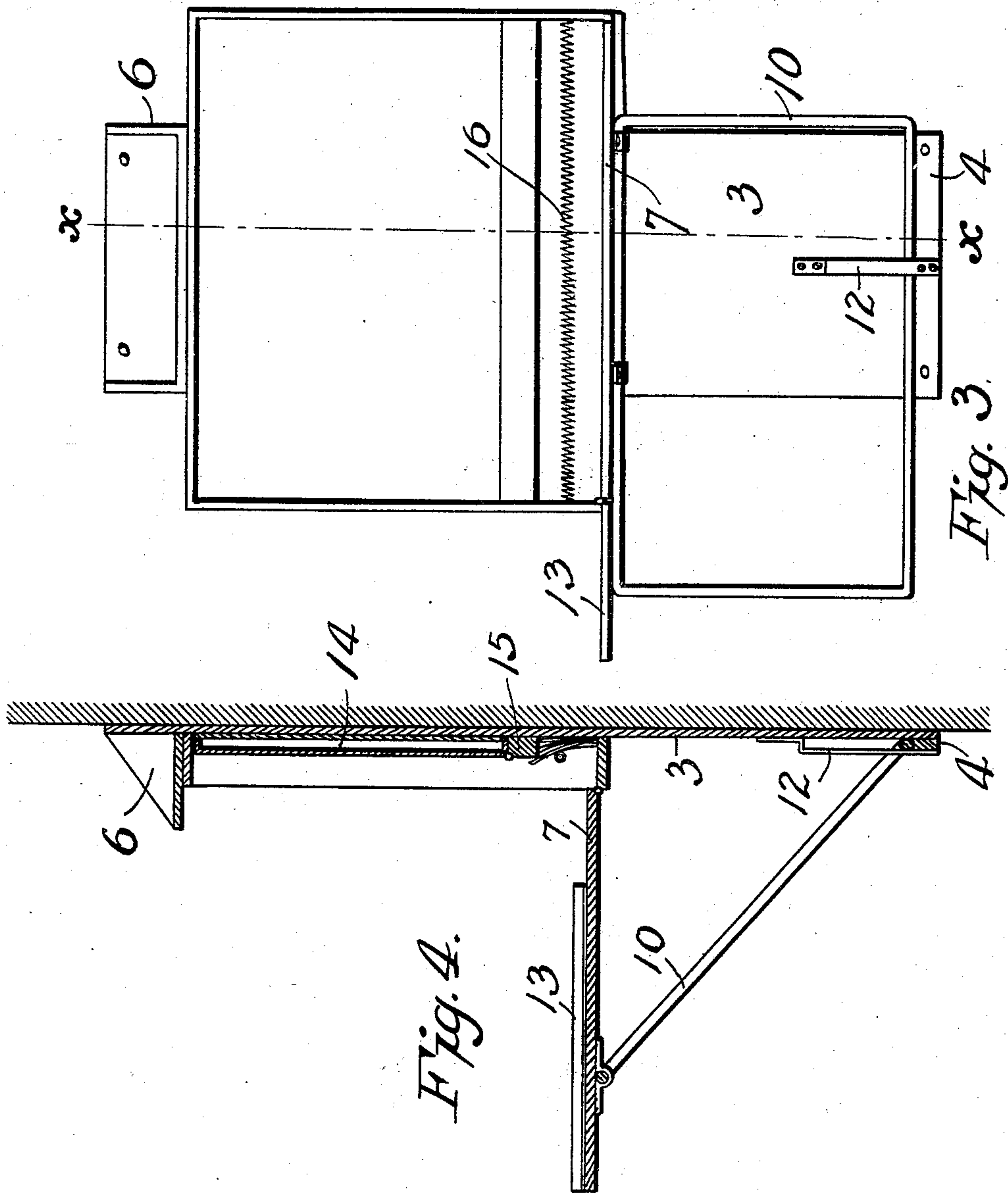
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2 Sheets—Sheet 2.

I. G. RICHARDSON.
WALL DESK.

No. 509,101.

Patented Nov. 21, 1893.



Witnesses, *Char. E. Van Doren*
F. S. Lyon
Inventor, *Ingraham Gould Richardson*
By *Paul & Hawley*
his attys.

UNITED STATES PATENT OFFICE.

INGRAHAM GOULD RICHARDSON, OF MINNEAPOLIS, MINNESOTA.

WALL-DESK.

SPECIFICATION forming part of Letters Patent No. 509,101, dated November 21, 1893.

Application filed April 1, 1893. Serial No. 468,655. (No model.)

To all whom it may concern:

Be it known that I, INGRAHAM GOULD RICHARDSON, of the city of Minneapolis, county of Hennepin, State of Minnesota, have invented certain new and useful Improvements in Folding or Wall Desks, of which the following is a specification.

My invention relates to a folding desk or cabinet and in particular to novel means for supporting the lid thereof.

The object of my invention is to simplify the construction of wall desks and to so reduce the manufacture and cost thereof as to place the same within the easy reach of all classes of people.

To this end my invention consists in various details of construction and in combinations all as hereinafter described and particularly pointed out in the claims and will be more readily understood by reference to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of a wall desk embodying my invention. Fig. 2 is a similar view showing the desk open, ready for use. Fig. 3 is a front view of the desk when opened, showing the manner of supporting the auxiliary lid. Fig. 4 is a sectional view thereof on the line $x-x$ of Fig. 3.

As shown in the drawings, my device is made up of a shallow case 2 secured upon a back board 3, which board is of considerable length and is provided at its lower end with a cleat 4. Upon the top of the case 2 I preferably provide a short back shelf 5 of the width of the back board 3, and having retaining side pieces 6. The lid 7 which forms the front of the case is secured thereto by hinges 8, arranged at its lower edge and is adapted to be secured in place by a lock and key for which an opening 9 is provided. When the lid is turned down it forms a writing desk, and for supporting the same I provide a rectangular metal frame or link 10 fastened to the lid 7 by staples or bearings 11, which are arranged as shown toward the center of the lid. The lower end of the link is held in the loop 12 secured upon the lower end of the board 3 and the link is of such width as to permit the folding up of the lid 7 without interference

with the edges of the case, the sides of the link at such time lying close upon the sides of the case. When the lid is raised the link is raised also in its retaining loop 12, while upon turning down the lid the loop falls upon the ledge 4 and forms a brace or bracket to support the outer end of the part 7. Upon the end of the lid 7 I hinge an auxiliary lid or arm-rest 13 adapted to be thrown out into the position shown in Fig. 3, and when in such position adapted to be supported by the link, which is then thrown to one side thus forming an extensible support. Within the case I provide a shallow tray 14 adapted to contain stationery, &c., and hinged at its lower edge to the cross rail 15 provided on the inside of the case. Across the space beneath this cross rail and the bottom of the case I extend a small coiled spring 16 having its ends secured to opposite sides of the casing and forming an expansible pocket adapted to receive letters, envelopes, &c. Sufficient space is left outside of the tray 14 when folded to admit the combined thicknesses of the parts 7 and 13.

It is obvious that I may alter the general form and shape of my writing desk, or adapt the same for use in the tops of trunks and like places, all without departing from the spirit of my invention.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the case 2, having a hinged lid 7, of a support for said case, a fixed slide or loop 12, an extensible or auxiliary lid 13, and the rectangular link 10 pivoted upon said lid 7 and adapted to be moved laterally to support said auxiliary part as well as the part 7, substantially as described.

2. The combination, with the back board 3, of the case 2 secured thereon, the hinged lid 7 for said case, the auxiliary lid 13 hinged thereto, the cleat 4 upon the lower end of said back board 3, the loop 12 secured thereon, the rectangular link 10 of greater length than said case and pivoted upon said lid and having its lower side confined within said loop 12, said link adapted to be moved laterally to support the auxiliary lid, substantially as described.

3. The combination, with the back board 3,

of the back shelf 5 and the case 2 secured thereon, said back board provided with a ledge 4 and the retaining loop 12, the lid 7 of said case, the auxiliary lid 13 hinged to the lid 7, 5 the link 10 having its upper side secured upon said lid 7 and its lower side retained in said loop 12, the inner tray 14, and the coiled spring 16 extending across the lower part of said cas-

ing and having the expansible pocket described. 10

In testimony whereof I have hereunto set my hand this 24th day of March, 1893.

INGRAHAM GOULD RICHARDSON.

In presence of—

WILLIAM H. STEWART,
JAMES HUARTSON.