

No. 789,364.

PATENTED MAY 9, 1905.

F. GAUVIN, JR. & G. T. MOORE.

COMBINED TABLE AND SEAT.

APPLICATION FILED AUG. 6, 1904.

Fig. 1.

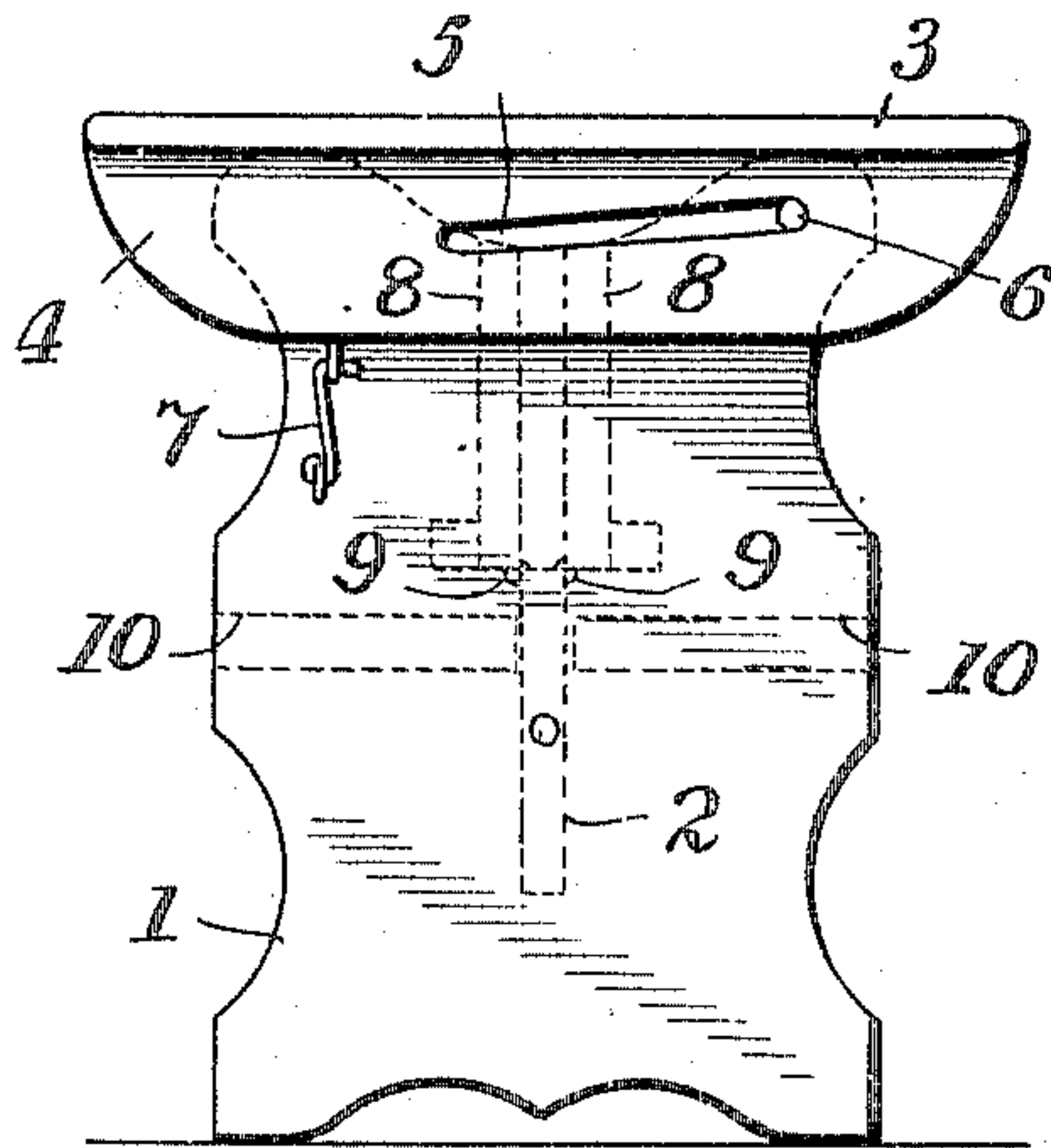


Fig. 2.

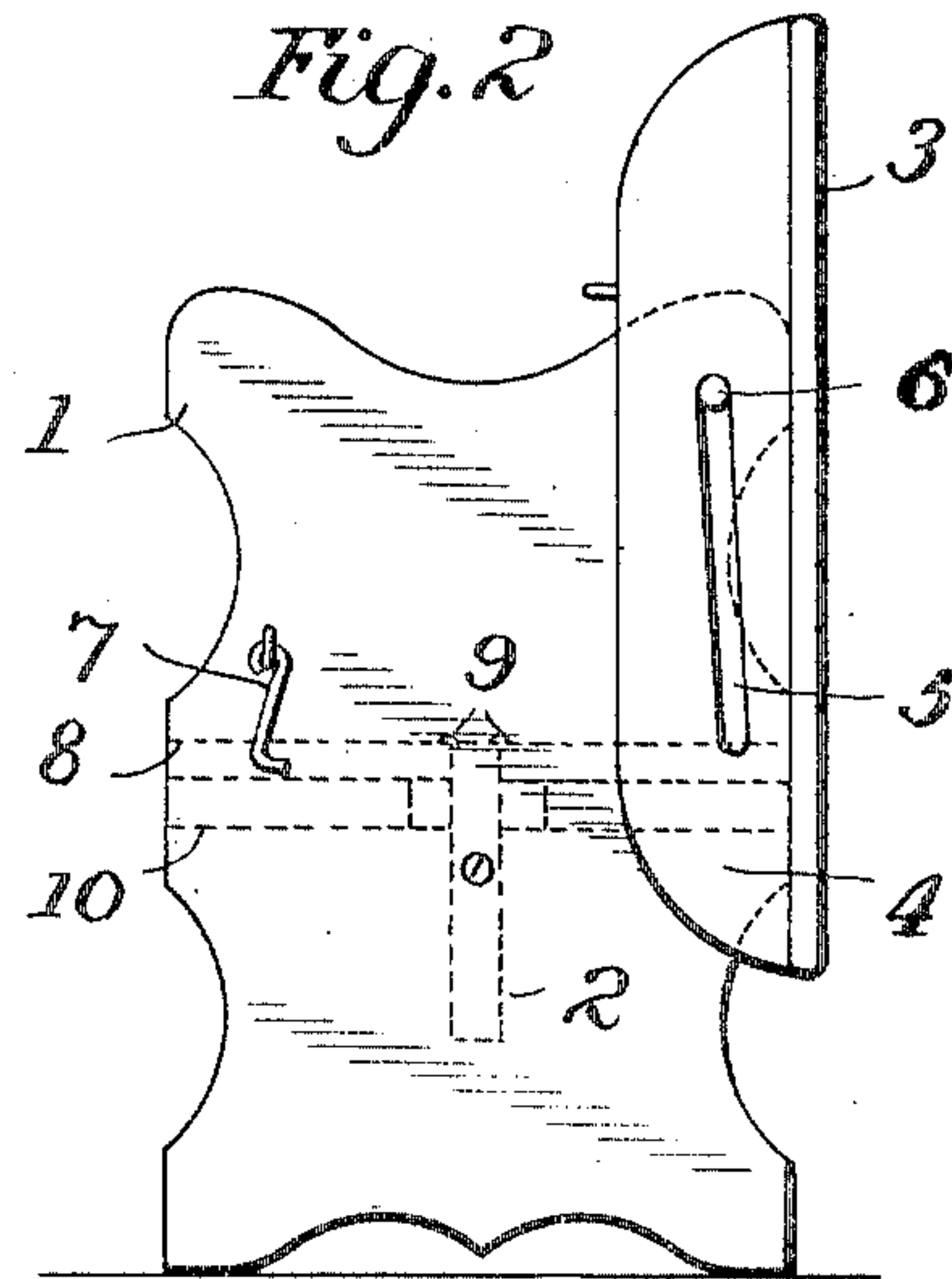


Fig. 3.

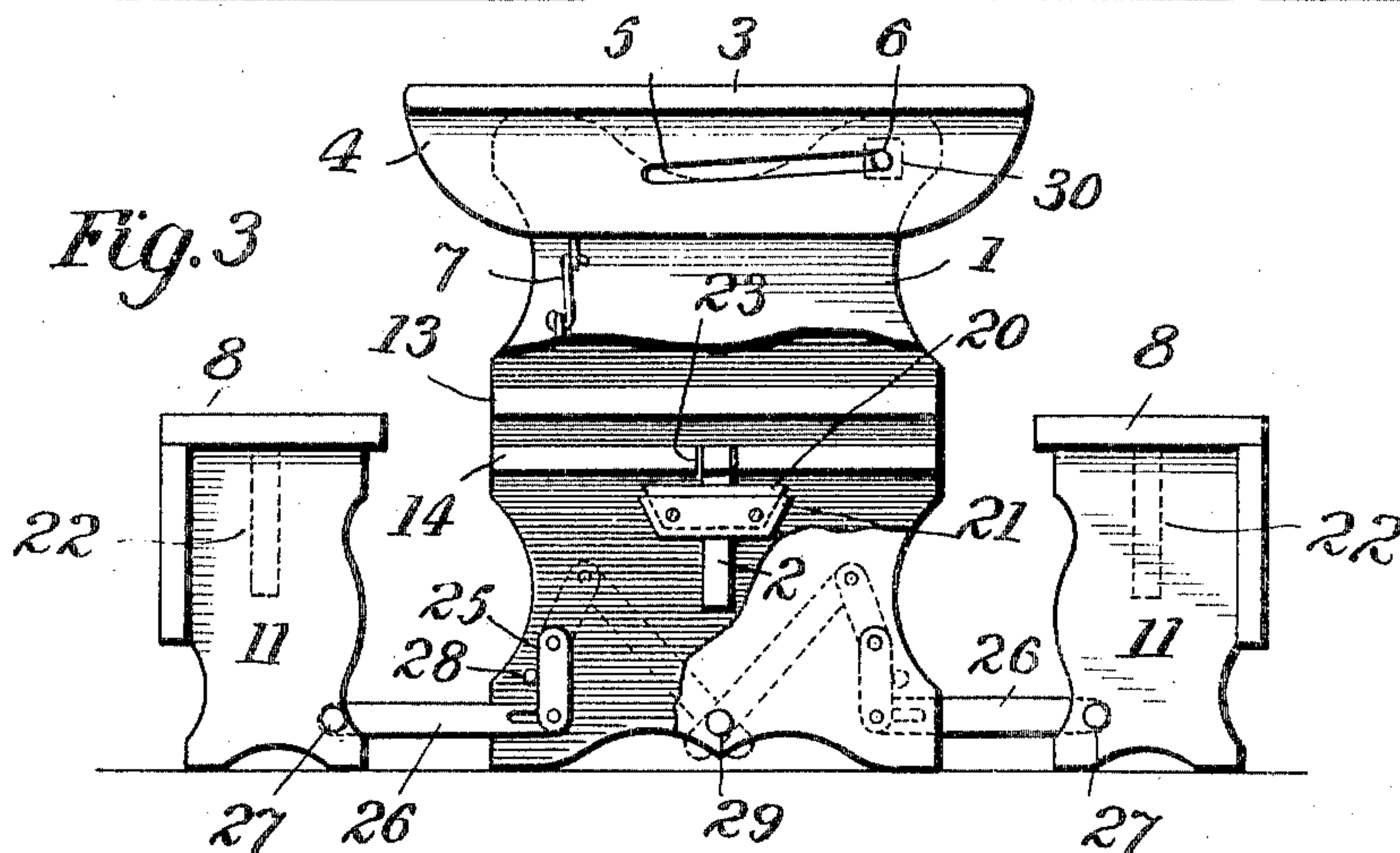


Fig. 5.

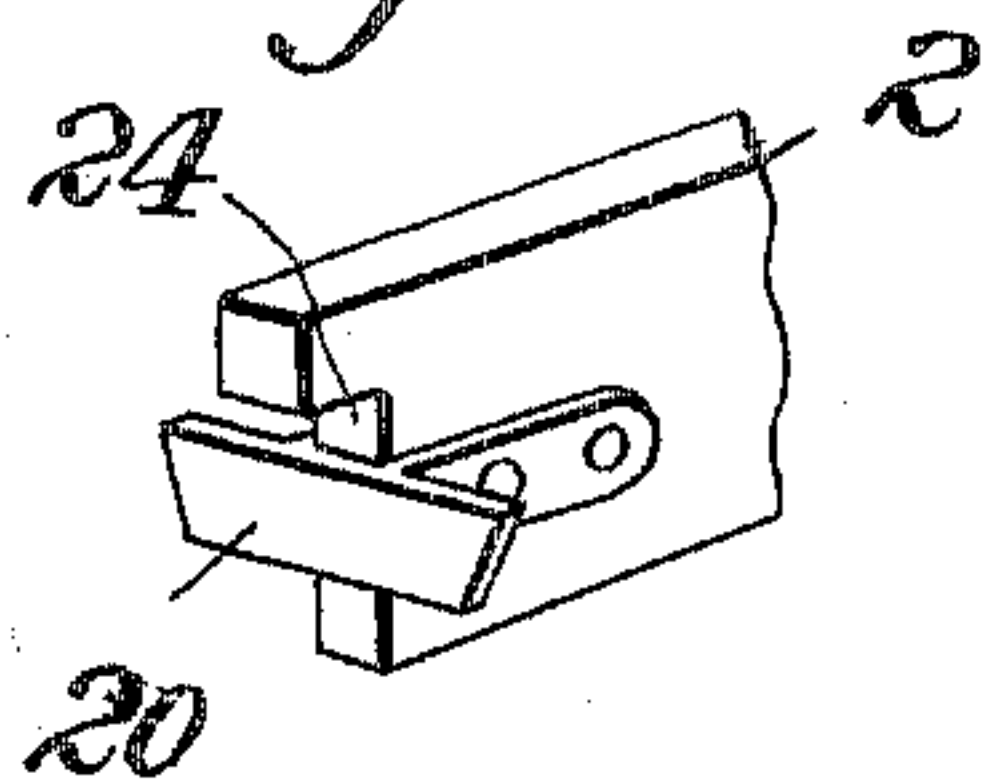
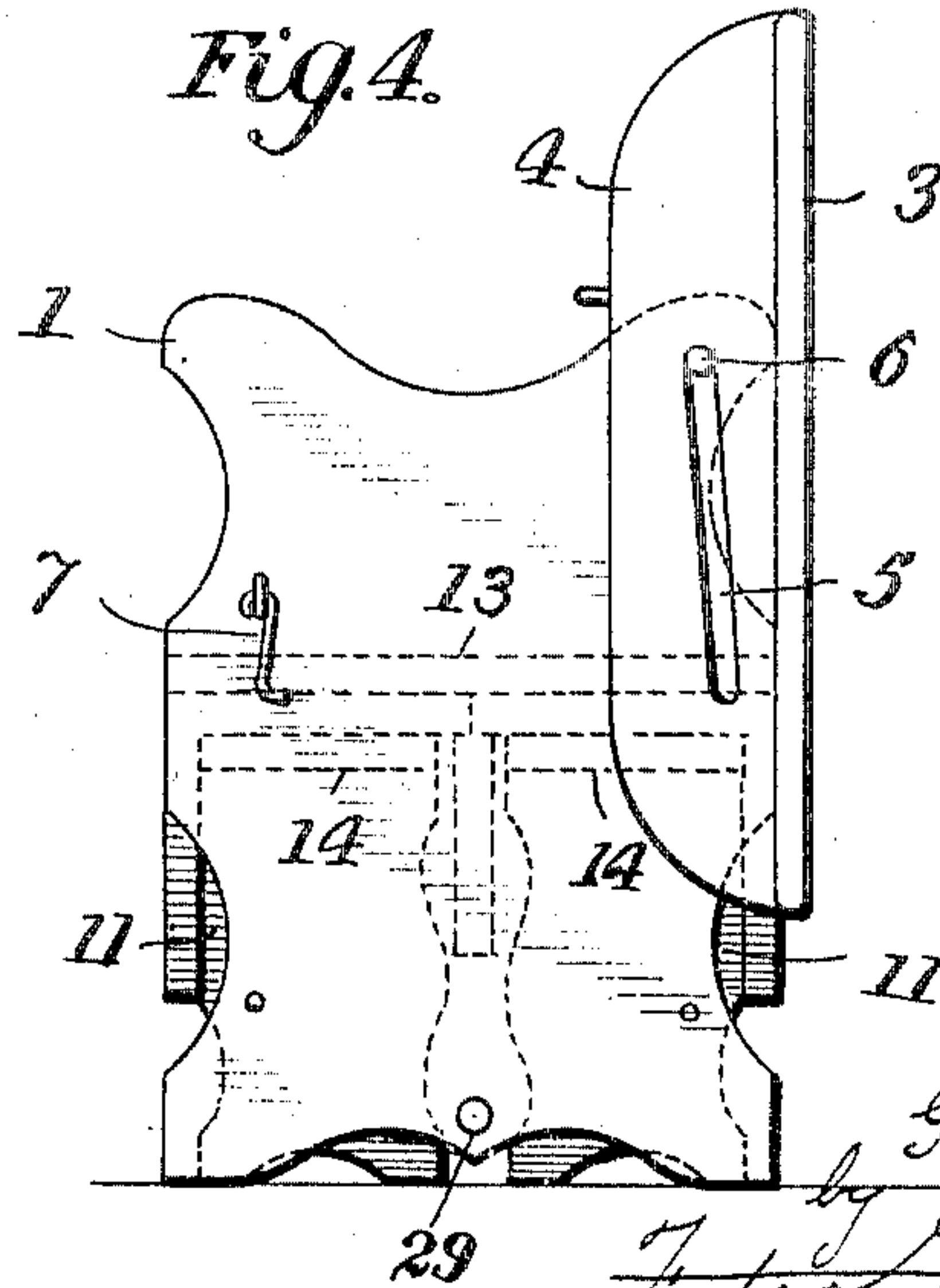


Fig. 4.



Witnesses

J. G. Hinkel

Thos. Howe.

Inventors

Frank Gauvin Jr.

Guy T. Moore

by Foster Greeman & Watson Attorneys

UNITED STATES PATENT OFFICE.

FRANK GAUVIN, JR., AND GUY T. MOORE, OF MARLBORO,
MASSACHUSETTS.

COMBINED TABLE AND SEAT.

SPECIFICATION forming part of Letters Patent No. 789,364, dated May 9, 1905.

Application filed August 6, 1904. Serial No. 219,739.

To all whom it may concern:

Be it known that we, FRANK GAUVIN, Jr., and GUY T. MOORE, citizens of the United States, residing at Marlboro, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in a Combined Table and Seat, of which the following is a specification.

This invention relates to articles of furniture, and has for its object the provision of such an article which is convertible from a table into a settee, or vice versa, so that space is economized and expense reduced.

In the accompanying drawings, which illustrate embodiments of our invention, Figures 1 and 2 are end views of one embodiment, and Figs. 3 and 4 are similar views of a modification. Fig. 5 is a view of one end of the reach.

Referring to Figs. 1 and 2 of the drawings, the article comprises a support which may consist of uprights 1, which may be spaced and secured together by any suitable means, as a reach 2. A plate 3 is adjustably secured to the uprights, so that it may rest symmetrically upon the top of the support, so that it will serve as a table-top, (see Fig. 1,) and also so that it may be adjusted to hang vertically beside the uprights 1 (see Fig. 2) to form a back for a seat which will be further described hereinafter. The adjustable connection of the plate 3 to the support may be accomplished by means of cleats or ledges 4, secured to the plate 3 near its ends and having slots 5, which receive projections 6, fixed to the uprights. The plate may be secured in position as a table-top by any suitable means, as a hook 7, pivotally connected to an upright 1 and adapted to engage with a staple secured to the plate 3. It will be readily understood that the plate can be shifted from this position to that in which it forms a seat-back by simply releasing the hook 7, pushing the plate to one side, when the projection 6 will slide in the slot 5, and upon arriving at the end of the slot the plate may be turned to vertical position about the projection 6 as a pivot. The seat portion may comprise flat portions 8, suitably jointed to the support, as by the hinges 9, which connect them to the reach 2. When in use, these

divided seat portions occupy horizontal positions, being suitably supported, as by cleats 10, fixed to the insides of the uprights 1. When used as a table, it will be obvious that if the seat portions 8 were in horizontal position they would interfere with the lower limbs of persons seated at the table. This difficulty is obviated, however, by jointing the seat portions, as hereinbefore described, so that when the article is in use as a table the seat portions may be turned upwardly in opposite directions, as shown in Fig. 1, so that they are removed from beneath the edges of the table-top, they being shown in horizontal position in Fig. 2.

While the article illustrated in Figs. 1 and 2 and hereinbefore described is desirable for many purposes, the seat portions are useless when the article is employed as a table.

In Figs. 3 and 4 is shown a modification of the invention in which the portions forming the seat when the article is employed as a settee may be employed for that purpose when the article is used as a table. The modification of the article shown in Figs. 3 and 4 relates entirely to the seat portions, the remainder of the structure remaining as hereinbefore described. In this modification the seat portions 8 are provided with supporting-legs 11, which may be braced by brackets 22 and are connected with the table-support by jointed links, which permit the seat-sections to be moved inwardly between the uprights of the support to form the seat of the settee and outwardly to form seats when the device is used as a table, the latter adjustment being shown in Fig. 3. In order to insure proper positioning of the seat portions 8 between the uprights, guides 13 and 14, between which the ends of the portions slide when they are inserted between the uprights, are employed.

The linking or jointing of the seats to the support insures the presence of the seats at all times with the table and also insures their being placed at the proper distance from the table when they are withdrawn from between the uprights. The withdrawing of the seats from between the uprights also provides am-

ple space for the lower extremities of persons seated at the table.

In order that the device may be easily taken apart, the ends of the reach are preferably detachably secured to the uprights. This may be conveniently done by means of catches (see Figs. 3 and 4) at each end, each of which consists of a trapezoidal plate 20, secured to an end of the reach and transverse thereto, and a socket 21, adapted to receive the plate conforming in shape thereto and secured to an upright.

The lower guides 14 have notches 23, through which the reach 2 may be raised to release it from the catches in taking the table apart, and there are notches 24 in the ends of the reach for the reception of the guides 14 to permit the reach to be moved outwardly after it has been raised free from the catches.

Each of the sets of links preferably comprises links 25 26, of which one, 25, is pivoted to the support, while the other link, 26, is detachably secured to the seat-leg 11, as by a thumb-screw 27.

The links are preferably so arranged that when the seat is in extended position the link 25 is vertical, while the link 26 is horizontal. Suitable means, as a pin 28, fixed in the support and engaging with the link 25, limits the outward movement of the seat and maintains the joint between the links within the upright, so that clothing is not liable to catch in these joints and be torn. The links of each set are jointed together by a pin-and-slot connection, so that freedom of movement is permitted as the seat is moved in and out and a more compact structure is obtained. When the seat is detached from the links, the latter may be moved inwardly out of the way, as indicated in dotted lines in Fig. 3, and secured to the support at 29 by suitable means, such as a thumb-screw.

The seats being detached and the links secured as described the uprights may be separated by the removal of the reach, as before described. The article will then be in knock-down condition convenient for storage or shipment.

Metal pieces 30 for taking the wear of the bolts 6 may be secured to the uprights.

When the article is assembled, the seats may be secured between the uprights by any suitable means, as hooks 31.

Without limiting ourselves to the precise construction and arrangement shown, we claim—

1. An article of furniture comprising a support having two uprights, a plate adjustably secured to said support so that it may rest horizontally upon said uprights to form a table or vertically beside said uprights to form a seat-back, a detachable reach securing and spacing said uprights, a seat, guides for said seat upon said uprights, said guides having notches for the passage of said reach, substantially as described.

2. An article of furniture comprising a support having two uprights, a plate adjustably secured to said support so that it may rest horizontally upon said uprights to form a table or vertically beside said uprights to form a seat-back, a detachable reach securing and spacing said uprights, a seat, guides for said seat upon said uprights, said guides having notches for the passage of said reach, and said reach having notches for the reception of said guides, substantially as described.

3. An article of furniture comprising a support having two uprights, a plate adjustably secured to said support so that it may rest horizontally upon said uprights to form a table or vertically beside said uprights to form a seat-back, a detachable reach securing and spacing said uprights, a seat, guides for said seat upon said uprights, said guides having notches for the passage of said reach, and said reach having notches for the reception of said guide, plates secured in the notches in said reach, and sockets adapted to receive said reach-plates secured to said uprights below said guides, substantially as described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

FRANK GAUVIN, JR.
GUY T. MOORE.

Witnesses:

CLIFTON D. HUNTER,
F. R. S. MELDON.