S. P. RINGER.

ADJUSTABLE PIECE OF FURNITURE.

APPLICATION FILED MAR. 24, 1911.

1,130,632. Patented Mar. 2, 1915.

Fig. 1.

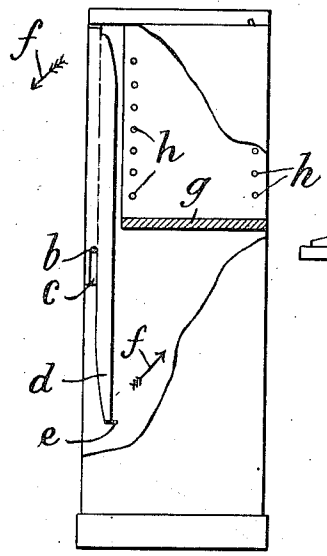


Fig. 2.

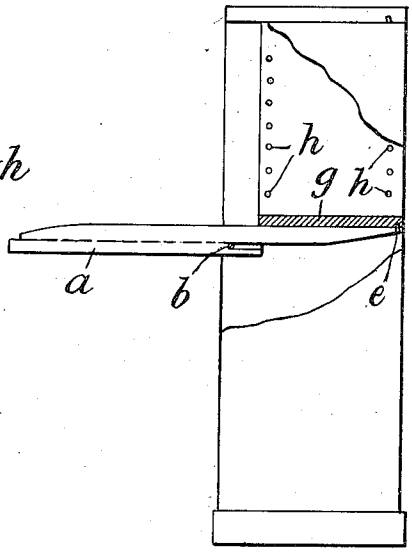


Fig. 3.

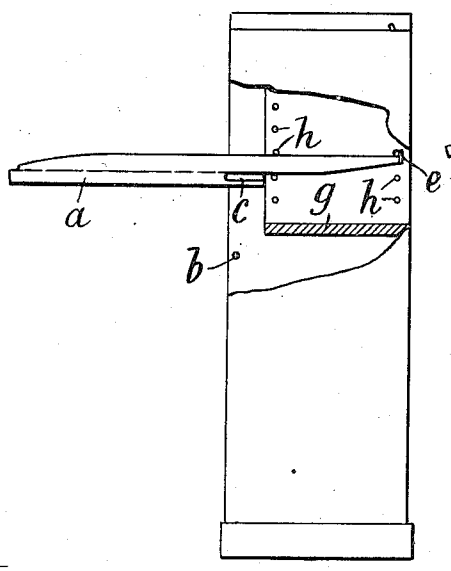
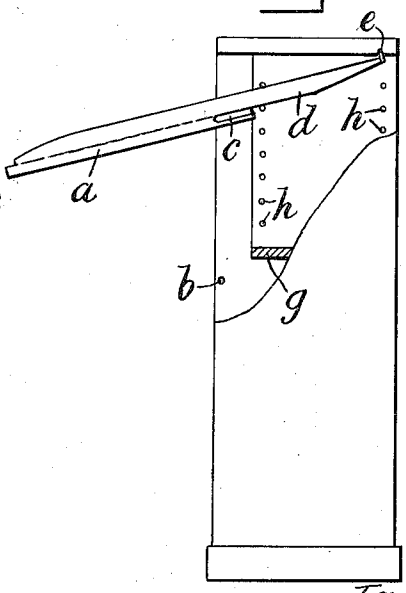


Fig. 4.



Witnesses:

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ADJUSTABLE PIECE OF FURNITURE.

1,130,632. Specification of Letters Patent. Patented Mar. 2, 1915.

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To all whom it may concern:

Be it known that I, SÖREN PETER RINGER, a subject of the King of Denmark, residing at Copenhagen, Denmark, have invented certain new and useful Improvements in Adjustable Pieces of Furniture, of which the following is a specification.

The object of the present invention is an adjustable piece of furniture namely a bureau fitted with one or more doors hung on hinges, pins or the like and adapted to be swung in against the bureau, when not in use, while, when the bureau is to be used, they may be swung out doing service as working table, writing desk, side-board, drawing table or the like.

The invention is illustrated in the accompanying drawing, Figure 1 being a vertical section through a bureau with the door closed, Fig. 2 the same with its door open, for use as a writing table, Fig. 3 the same, with the door opened, after having been taken out and again inserted at a higher level, fitting the bureau for use as a drawing table, Fig. 4 the same, with the door placed in the topmost position and sloping, whereby the bureau is adapted for use as a desk.

Referring to the drawing, *a* is the door, *b* a pin provided at each end of the door in the side walls of the bureau and serving as pivot for the door, *c* is a slot provided in the door and engaging the pin *b*.

d is one or more arms fastened to the door, there being usually two, namely one at each end of the door. These arms may suitably be extended across the door forming cleats for the latter, *e* is a hook or the like fastened to the end of the arm *d*.

The door is swung down by turning it about the pins *b* in the direction of the arrow *f*, Fig. 1. Thereby the arms *d*, as shown in Fig. 2, will rest against the shelf or the like *g*, provided in the piece of furniture, and the hooks *e* enter corresponding depressions therein, thus securing the door in position, when it is swung down.

h are various pins or the like fixed into the side walls of the bureau opposite the arms *d*, but at various levels.

When the bureau is to be used as a writing table, it is merely necessary to swing the door down. If it is to be used as a drawing table, a desk or the like, the door must be removed which is easily done, as it merely rests on the pins *b* by means of the slots *c*, and then reinserted at a higher level, the arms *d* resting against the pins *h*. The hook *e* engages then the rear pin *h* and secures the door firmly, so that it may not be drawn out, unless it has first been raised. The door may be placed at various different levels, horizontally or with an inward or outward slope, all according to the requirements. The bureau being also provided with the rear series of pins *h*, (Figs. 1 to 4) it is adapted to receive a door at the rear side, as well as at the front side. If only one door is used, a larger or smaller portion of the rear side may be omitted, in order that the door after having been removed, may be inserted at the rear side, if for some reason this might prove preferable.

The main distinguishing feature of the invention is the provision of arms *d* lending the entire construction a strength, simplicity and cheapness of manufacture never known before. The use of the arms *d* has the further advantage that the door easily and conveniently may be removed and again inserted at various levels and inclinations. The arms *d* are located in vertical slots or narrow cavities in the bureau and occupy but a very small space. The remaining space may be utilized as desired for shelves, drawers and the like. The door may be fitted, in known manner, with lock and other metallic fittings. A bureau may suitably be fitted with two such doors, one at either side, the doors may be adjustable as to level, and they may also, if desired, be located at the rear or side-wall of the bureau or piece of furniture. The door is especially useful in book cases where the door, when swung down, may rest against one of the shelves and be supported thereby. The door may then be utilized for placing a lamp, books or the like thereon.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

A piece of furniture comprising a casing, a detachable door, arms extending from said door and forming continuations in the plane of the surface of said door, said arms having slots running in the direction of the arms, said slots being open at one end for removing the door, horizontal journals located near the front of the casing and engaging with said slots to permit oscillation of the door around the journals for opening

and closing the door, supports engaging said arms to limit the swinging of the door around said journals whereby said door, when so engaged forms a shelf outside the casing, hooks at the free ends of said arms engaging with corresponding recesses in the casing for the purpose of preventing displacement of the door in the direction of said arms, but permitting removal of the door when partly open and not so engaged; a plurality of door-securing members at front and rear of the casing for engaging below and above said arms respectively, thereby permitting the adjustment of the detached door in a plurality of positions both as to height and angularity, when serving as an external shelf.

The foregoing specification signed at Copenhagen this 10th day of March, 1911.

SÖREN PETER RINGER.

In presence of—
JULIUS LEHMANN,
OVI GIERSING.