(No Model.)

E. C. ROBERTS.

FURNITURE DRAWER.

No. 288,861. Patented Nov. 20, 1883.

Fig. 1.

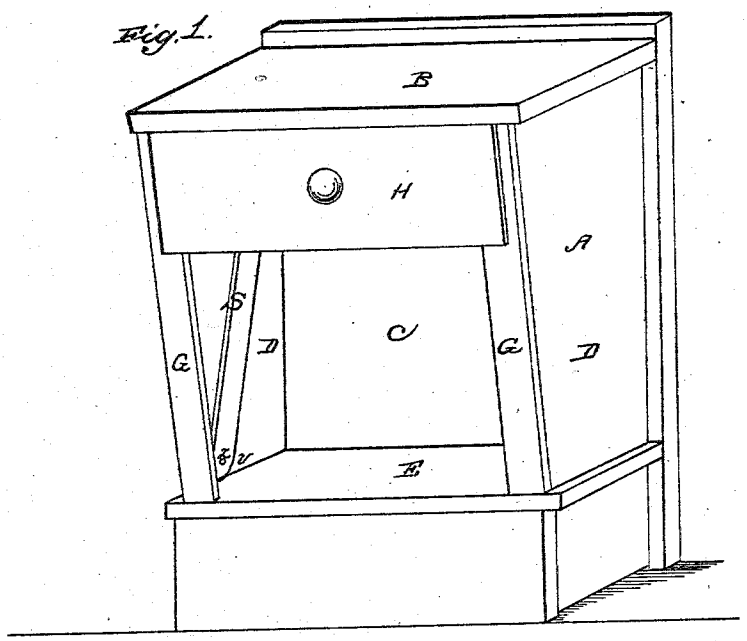
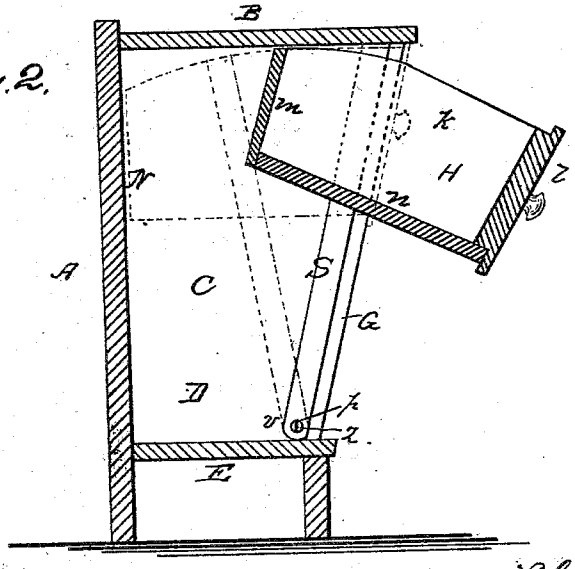


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD C. ROBERTS, OF BROADFORD, VIRGINIA.

FURNITURE-DRAWER.

SPECIFICATION forming part of Letters Patent No. 288,861, dated November 20, 1883.

Application filed March 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDWARD C. ROBERTS, a citizen of the United States, residing at Broadford, in the county of Smyth and State of Virginia, have invented certain new and useful Improvements in Furniture-Drawers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a perspective view of my drawer, and Fig. 2 is a vertical sectional view of the same.

This invention has relation to improvements in tilting-drawers for bureaus and cases; and it consists in the peculiar construction and arrangement of parts, as will be hereinafter more fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, the letter A designates the main frame of a bureau or case, which is formed with a top, B, and below the same a chamber, C, between side walls, D. The floor of the chamber C is represented at E. The chamber is open in front, and on each side of the opening are secured inwardly-extending strips or guard-pieces G G, forming stops.

H indicates the drawer, whereof the end walls, *k k*, are parallel, while the front, *l*, and back, *m*, are somewhat inclined or flaring outward and upward with reference to each other. Usually, however, when the drawer is in closed position, the back wall, *m*, is vertical, and rests against the vertical back N of the case, and the bottom, *n*, of the drawer is level.

To the rear portions of the end walls, *k k*, are secured the oblique supporting-arms S S, these arms being rigidly attached to the end walls, and extending therefrom downward and forward to the floor E of the casing, on which they bear, their ends *v* being rounded in circular form, these end bearings, *v*, being centered at the perforations *p*, through which pass the pivot-screws *z* into the walls of the casing. These walls serve as bearings for the arms S S, holding them in proper position. The rounded bearing ends of the arms S S are arranged under the front of the drawer, so that the center of gravity of the drawer is in rear of the pivotal centers; and as the ends of the supports bear against the floor of the case in every position of the drawer the pivots are relieved from the strain of the weight of the drawer and its contents. When the drawer is tilted forward into inclined position, the arms S S rise into position against the stops G G of the casing, which, engaging said arms, hold the drawer until it has been pushed back into the case.

I am aware that various kinds of tilting drawers have been constructed and used, and also that it is not new to provide a drawer with its side walls tapering downwardly and pivoted in the side walls or floor of a case having a guard or strip to engage an upwardly-extending back wall of the drawer to form a stop, and therefore do not claim such, broadly; but,

Having described this invention, what I claim and desire to secure by Letters Patent, is—

In a tilting drawer, the combination, with the main frame or case A, being wider at its top than bottom, to give an inward and downward slant to its front, of the lateral guard-strips G G, extending partially within the front opening of the case, the drawer-supporting arms S S, secured at their upper ends obliquely to the rear side walls of the drawer, and pivoted at their lower ends to the forward side walls of the case, near its floor and close to the back of the guard-rails G G, and the drawer H, all adapted to operate substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD C. ROBERTS.

Witnesses:
C. F. BROOKS,
W. H. CRENSHAW.