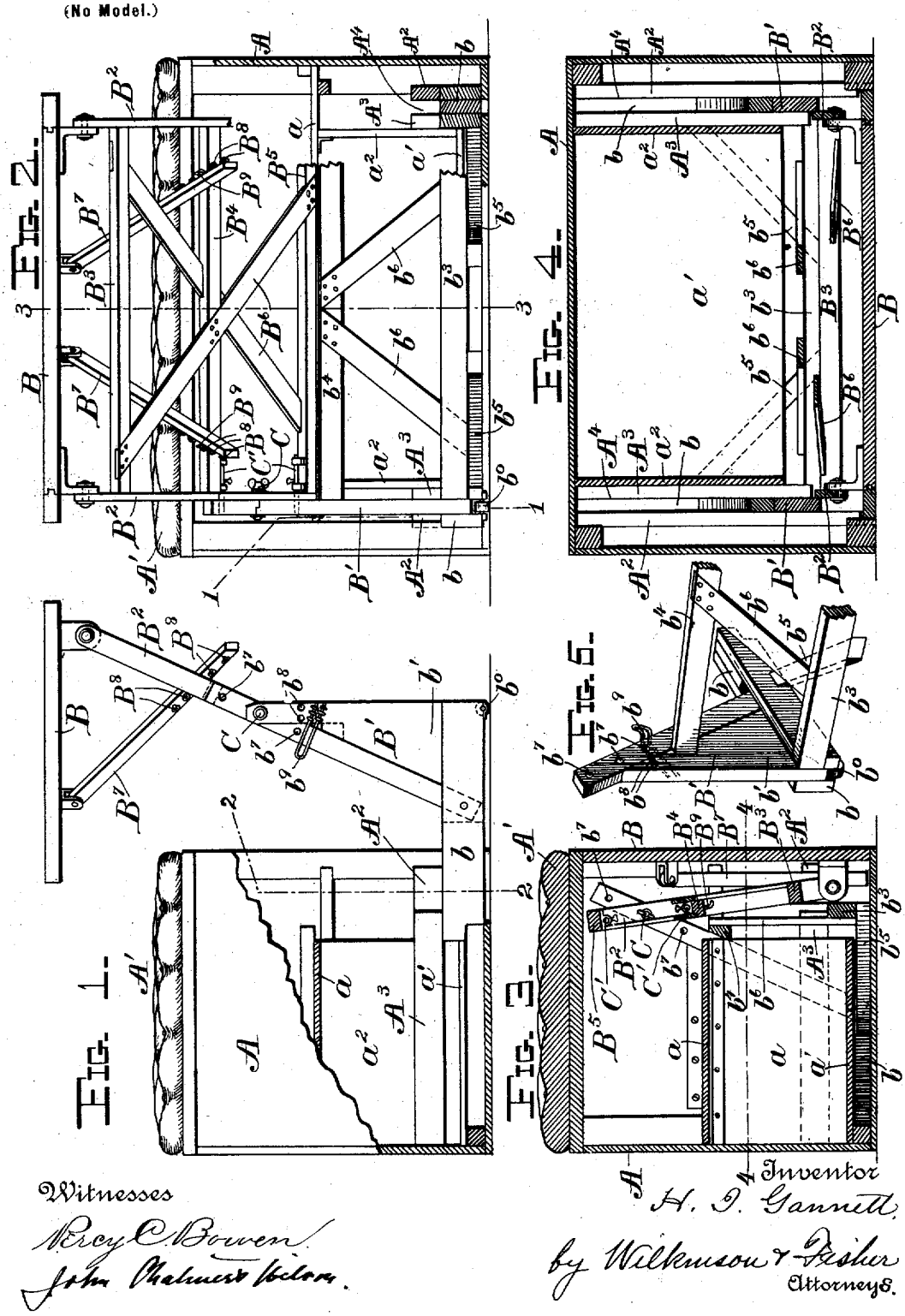
No. 640,647. Patented Jan. 2, 1900.

H. I. GANNETT.

COMBINED SEAT AND TABLE.

(Application filed May 11, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

HERBERT I. GANNETT, OF WASHINGTON, DISTRICT OF COLUMBIA.

COMBINED SEAT AND TABLE.

SPECIFICATION forming part of Letters Patent No. 640,647, dated January 2, 1900.

Application filed May 11, 1899. Serial No. 716,388. (No model.)

To all whom it may concern:

Be it known that I, HERBERT INGALLS GANNETT, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in a Combined Seat and Table; and I do hereby 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.

My invention relates to improvements in folding tables, and more particularly to a table made to fold into a window seat or couch, the improvements being in the construction of a table whereby it is combined with a seat or couch and made to be conveniently set up for use or stored away when not in use, as desired.

My invention will be understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 represents an end elevation of a table combined with a couch according to my invention, the view being partly in section on the line 1 1 in Fig. 2. Fig. 2 represents a front elevation of the same, partly in section, on the line 2 2 in Fig. 1. Fig. 3 is a vertical section taken on the line 3 3 in Fig. 2, showing the table as folded and stowed away within the couch. Fig. 4 is a horizontal longitudinal section taken on the line 4 4 in Fig. 3, and Fig. 5 is a detail perspective view of one of the base-supports of the table.

A represents an oblong rectangular box the top of which constitutes a seat and is provided with a cushion A′. The box is hollow except for two shelves a and a', the former the full length of the box and the latter somewhat shorter and suspended from the former by end pieces a^2 and both narrower than the width of the box, a free space being left at the front side of the box, which is open.

A^2 and A^3 represent two beams mounted transversely of the box near each end thereof, the outer and longer beams A^2 being secured to the corner-posts of the box, while the inner and shorter beams A^3 are secured to the sides of the end pieces a^2, which support the lower shelf a', a space A^4 being left between the beams A^2 and A^3, as seen most clearly in Fig. 4. A space is left between the lower shelf a' and the bottom of the box, as seen in Figs. 1 and 3.

The table comprises a sliding base portion and a folding upper portion, which latter carries the flat table-top B, which is of such a size and shape as to neatly fit the front open side of the box. The base portion of the table comprises a pair of triangular-shaped end supports B′, the feet b of which are arranged to slide in ways beneath the beams A^2 and A^3, and the uprights b' of which, being narrower than the feet, are arranged to fit between and move freely between the said beams. The length of the feet b is approximately that of the width of the box, and the outer ends of the said feet are preferably fitted with rollers b^0 to facilitate their moving in and out. The base-supports B′ are stiffened and braced by means of beams b^3 and b^4, extending longitudinally between said supports after the manner of rungs in a chair or bench, and additional diagonal braces b^5 and b^6. The braces b^5, which are connected to the feet of the supports and to the lower beam b^3, slide under the bottom shelf a' in the box, as seen in Figs. 3 and 4. The braces b^6 are connected to the two beams b^3 and b^4, as seen in Figs. 2, 3, and 5.

At the upper ends of the triangular supports B′ are provided a series of bolt-holes b^7 and an additional series b^8, which permit of adjustment. A pair of spring-catches b^9 are attached to the outer sides of the said supports, and the noses of said catches extend laterally across and past the inclined edge of said supports in position to engage the upper table-supports, hereinafter described, as seen in Figs. 1 and 5.

The upper folding portion of the table comprises a pair of legs B^2, pivoted to the under side of the table-top B near the edge thereof, which corresponds with the bottom edge when folded as seen in Fig. 3, and these legs are stiffened and strengthened by means of horizontal beams B^3, B^4, and B^5, and also diagonal strips B^6, if desired, as seen most clearly in Fig. 2. The table-top B is adjustably supported, so as to permit of tilting, as desired, by means of strips B^7, pivoted to the under side

of the table-top and provided with a series of screw-eyes B^8, adapted to engage rigid hooks B^9 upon the horizontal cross-beam B^4.

The legs B^2 are pivoted upon the base-supports B′ by means of bolts C, which pass through both the said supports and the said legs, the latter being secured against pivoting on said bolts C by means of sliding bolts C′, mounted upon the beams B^4 and B^5, or either of them, and arranged to be shot forward into holes through the said legs and said supports. The spring-catches b^9, hereinbefore referred to, serve to retain the legs B^2 in position for locking with the bolts C′, as a matter of convenience merely, and may be omitted, if desired.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a folding table, the combination with a sliding base having upright end supports; of a folding upper portion comprising the table-top, a pair of legs pivoted near one edge of said top and pivoted to said base-supports; means for securing the legs against pivotal movement upon said supports and a pair of arms pivoted to the under side of the table-top and provided with means for adjustably supporting the said top, substantially as described.

2. In a folding table, the combination with a sliding base having upright end supports; of the upper portion of the table comprising the top, a pair of legs pivoted near one edge of said top and pivoted to said base-supports; a cross-brace between the said table-legs; sliding bolts mounted upon said cross-brace and arranged to adjustably lock the said legs against pivotal movement; arms pivoted to the under side of the table-top and provided with means for adjustably engaging the said cross-brace for supporting the table-top, substantially as described.

3. The combination with a rectangular box having an open vertical side; and slideways within the bottom of said box; of a folding table having a base provided with feet arranged to slide in said slideways; and said table having a folding upper portion pivoted upon the said base, the top of the table being arranged to fold vertically and to fit the open side of the said box when folded, substantially as described.

4. The combination with a rectangular box having one vertical open side; and having slideways in the bottom thereof; of a table having a base portion provided with feet arranged to slide in said slideways, and having rigid vertical supports; a flat top; a pair of legs pivoted to the said vertical supports and pivoted to the under side of the table-top; means for locking said legs against pivotal movement; means coöperated with said legs for supporting the table-top; the whole table when folded being arranged to enter the open side of said box and the top of said table to fit the said opening, substantially as described.

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

HERBERT I. GANNETT.

Witnesses:
JOHN CHALMER WILSON,
JOHN H. HOLT.