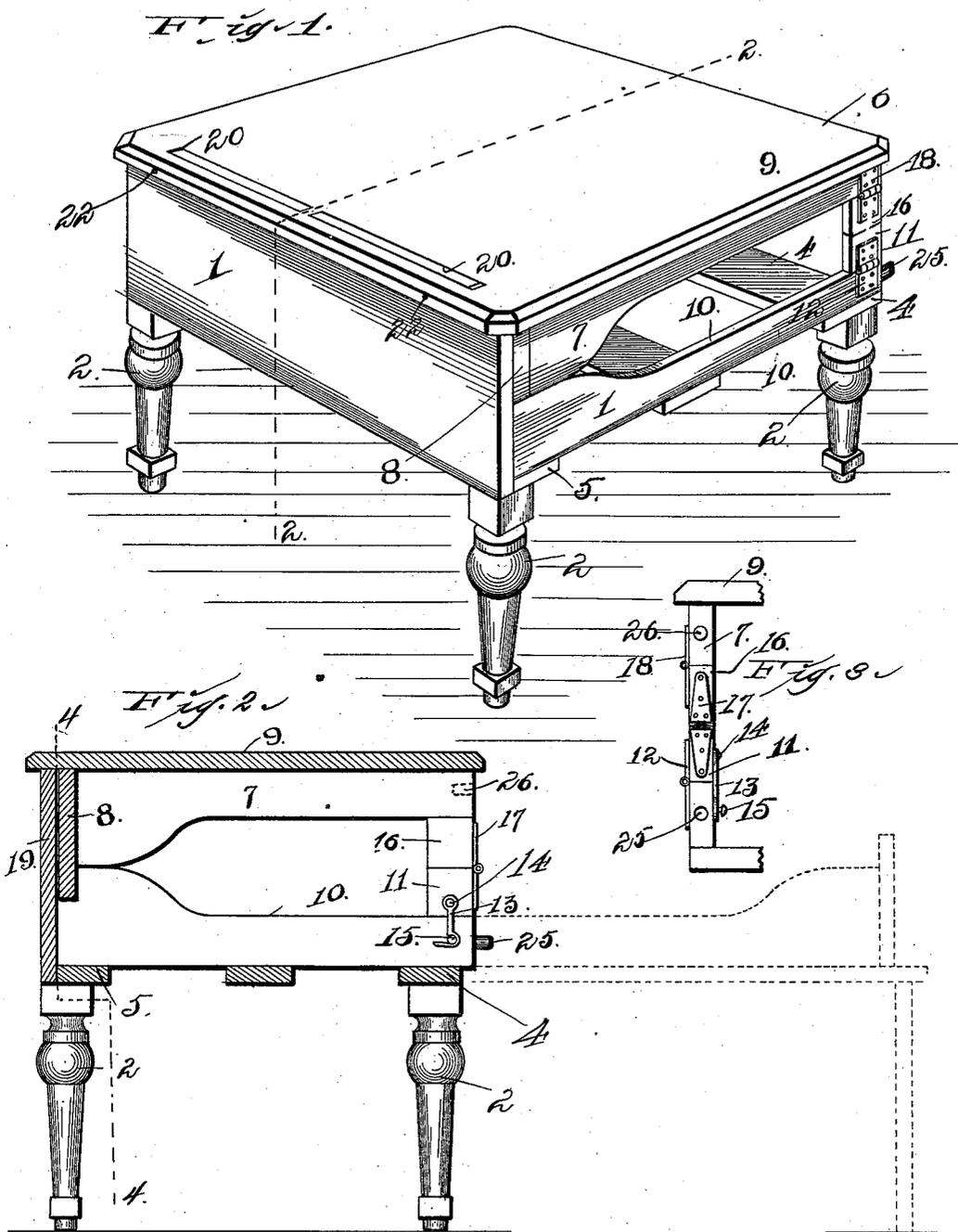


H. HASSIEPEN.
COMBINED FOLDING BED AND TABLE.

No. 534,066.

Patented Feb 12, 1895.



Attest:
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UNITED STATES PATENT OFFICE.

HUGO HASSIEPEN, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF TO
RUDOLPH VOCKE, OF SAME PLACE.

COMBINED FOLDING BED AND TABLE.

SPECIFICATION forming part of Letters Patent No. 534,066, dated February 12, 1895.

Application filed August 20, 1894. Serial No. 520,791. (No model.)

To all whom it may concern:

Be it known that I, HUGO HASSIEPEN, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in a Combined Folding Bed and Table of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to a combined folding bed and table, and has for its object the construction of a transformable bed and table that possesses superior advantages in point of simplicity, durability and general efficiency.

A further object of my invention is to construct a simple and efficient means for hinging the two parts of the bed or table together.

My invention consists in certain novel features of construction, combination and arrangement of parts, hereinafter specified and claimed.

Referring to the drawings: Figure 1 is a view in perspective of my combined folding bed and table, the same being shown as a table. Fig. 2 is a vertical sectional view on the line 2—2 of Fig. 1, the dotted lines indicating the position occupied by the parts when the device is used as a bed. Fig. 3 is an end view of one of the hinge joints, looking in the direction of the arrow in Fig. 2. Fig. 4 is a sectional view taken approximately on the line 4—4 of Fig. 2, and showing the position of the hinged legs when the device is being used as a bed. Fig. 5 is a view in perspective of the hinge connection between the two portions of my folding bed and table. Fig. 6 is a view in perspective of the hinge connection, a portion of which is thrown down and out of the way. Fig. 7 is a sectional view of one of the legs or standards used in connection with my combined bed and table and the manner of fastening the same.

1 indicates the table frame, which is preferably rectangular in plan view and supported upon suitable legs 2, the upper ends 3 of which are screw-threaded and detachably connected to the horizontal cross-bars 4 and 5 at each end of said frame. (See Fig. 7.)

6 indicates the top frame, which is also rectangular in plan view and of the same dimensions as the table frame. The top frame is composed of parallel side bars 7 connected

at one end by a transverse bar 8, which forms the foot-board of the bed and a top piece 9, which is secured to one edge of said side bars and the transverse bar 8, and acts as a table top when the device is placed into the form of a table, and as the bottom of the top frame when the device is in the form of a bed.

The table frame 1 and the top frame 6 are pivotally connected at one end by means of connections of peculiar form, which I will now proceed to describe.

Mounted upon the upper edge of each of the side bars 10 of the table frame is a rectangular block 11, the thickness of which corresponds to the thickness of the side bar on which it is mounted. This block is pivotally connected to said side bar by means of a common hinge 12, so that said block may be folded outward and downward in contact with the outer surface of said side bar, as shown in Fig. 6, when the device is to be used as a bed. A common hook, or similar fastening 13, is pivotally connected at 14 to the inner side of said block 11 so as to project below the upper edge of said side bar and overlap the adjacent inner surface of the latter and engage a pin 15, which is fixed upon the inner side of said side bar directly in the path of said hook. The purpose of this hook is to hold securely in position said block and the parts connected thereto. (See Figs. 2 and 5.)

Mounted on each of the blocks 11, one at each side of the device, is another block 16 of the same size as said block 11 so as to form a pair of blocks at each side of the device. The adjacent ends of the two blocks at each side of the device are pivotally connected by means of a common hinge 17 which is located on the like rear edges of said blocks, so that the blocks 16 may be folded rearward and downward when the device is to be used as a bed, as shown in Fig. 5.

The block 16 at one side of the device is pivotally connected at its upper edge to the adjacent edge of the adjacent side bar 7 of the top frame by means of a common hinge 18, which is secured to the adjacent outer sides of said block and said side bar, and a like construction is located on the opposite side bar 7 at the opposite side of the device.

When the device is used as a table, the

foot-board 8 folds adjacent and parallel to the vertical head-board 19 of the table frame 1, and the adjacent edge of the part 9 projects a sufficient distance in a horizontal plane past said foot-board to permit the table top to rest upon the upper edge of said headboard. (See Fig. 2.) This construction is very compact and forms an efficient support for the top frame when the device is folded.

Formed in the top 9 at a point closely adjacent the foot-board 8 are two aligned slots 20, in which are pivotally mounted the foot-legs 21. Said legs are preferably pivoted at points 22 adjacent the edge of the top 9, so that when the device is to be used as a bed and the top frame is extended, said legs 21 will automatically gravitate downward, and assume the position in which they are shown in Fig. 4 to support the foot of the bed.

When the device is to be used as a table, the legs 21 are located in the slots 20 with the upper edges of said legs flush with the upper surface of the top 9, so that there will be no appreciable depression where the slots are located and the table top will be comparatively smooth. The inner ends of the legs 21, when folded, are beveled or inclined at 23 to engage beveled or inclined stops or projections 24 at the inner edges of said slots to limit the inward movement of said legs and hold them flush with the outer surface of said top when the device is in form of a table.

Any suitable or common bed spring may be used in my improved device, but of course it must necessarily be folded at about the middle of its length so as to occupy the space

between the top 9 and the table frame 1 when the device is folded. It will be seen that there is ample room for the reception of a bed spring and bed clothing in said space.

To hold the adjacent ends of the said side bars 7 and 10 securely in position when the device is used as a bed, I have located a dowel pin 25 in the end of each side bar 10 to be engaged by a corresponding common recess 26 in the adjacent end of the side bar 7. This construction has proven in actual practice very strong and durable.

What I claim is—

The combination of a table frame having opposite side bars, a top frame having opposite side bars, rectangular blocks hinged one to the upper surface of each side bar of said table frame adjacent one end thereof to fold laterally, rectangular blocks hinged one to the upper end of each of said first mentioned blocks to fold longitudinally of the side-bars and hinged one to the lower edge of each side bar of the top frame to fold laterally with said first mentioned blocks, and fastening devices secured to one side of said first mentioned blocks and arranged to form additional connections between the latter and the side bars of said table frame when the device is used as a table.

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

HUGO HASSIEPEN.

Witnesses:

E. E. LONGAN,
MAUD GRIFFIN.