No. 678,639. Patented July 16, 1901.

G. A. BISLER.

WORK BENCH.

(Application filed Dec. 4, 1900.)

(No Model.)

Fig. 1.

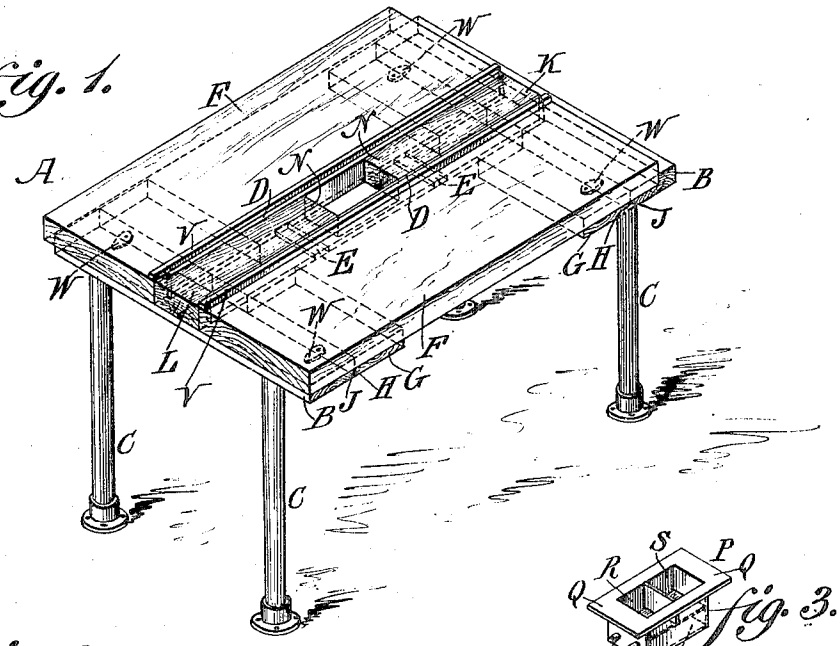


Fig. 2.

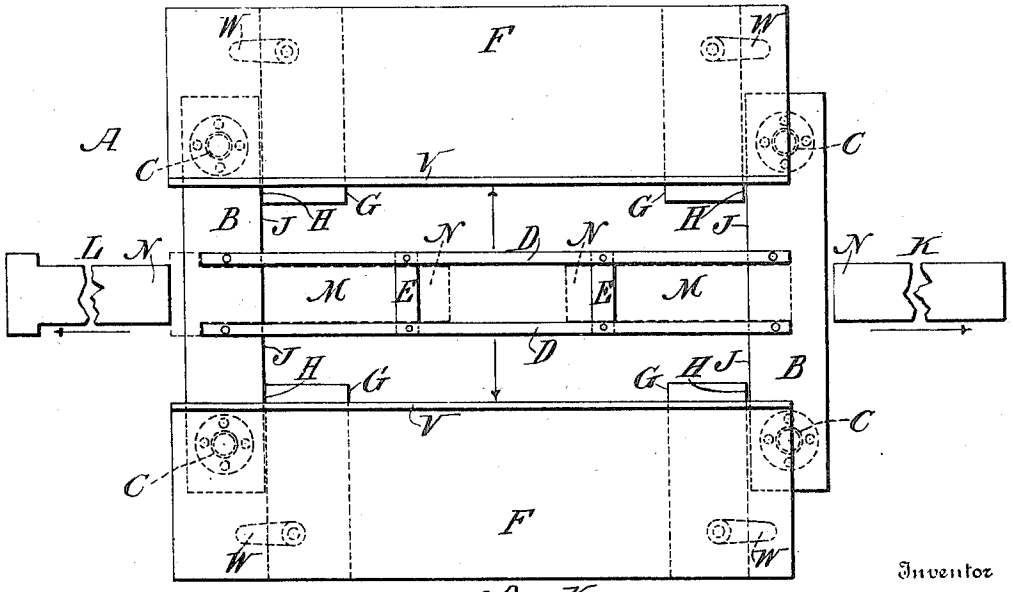


Fig. 3.

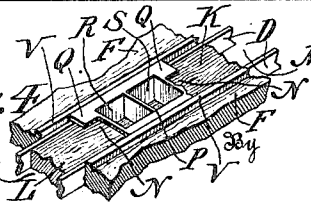


Fig. 4.

Witnesses
L. Bouville,
P. F. Eagles.

Inventor
Gustav A. Bisler.
Wiedersheim & Fairbanks.
Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GUSTAV A. BISLER, OF PHILADELPHIA, PENNSYLVANIA.

WORK-BENCH.

SPECIFICATION forming part of Letters Patent No. 678,639, dated July 16, 1901.

Application filed December 4, 1900. Serial No. 38,635. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV A. BISLER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Work-Benches, of which the following is a specification.

In paper-box factories, book-binderies, and other manufacturing plants, especially where glue, paste, gum, or any other adhesive material is used, roaches and bugs accumulate in such numbers that at times it has been difficult to keep them from being shipped to customers along with their goods, thereby causing great dissatisfaction with the trade, as cleanliness is one of the first objects to be sought after in manufactures of this class.

By my improved construction of a work-bench I provide a novel structure which can be readily dismantled when desired and expeditiously put together, the top of the bench being constructed in sections, which can be instantly taken apart, whereupon every portion of the bench will become readily accessible and all parts can be thoroughly brushed and cleaned and replaced in a very expeditious manner.

To the above ends my invention consists of a novel construction of a work-bench having end pieces which may be sustained upon legs, posts, or other suitable supports, said end pieces serving to support guides of metal or other suitable material, against which latter the sides of the table are adapted to abut when the parts are assembled, said guides serving in addition to support a glue-pot of novel construction, against the ends of which latter suitable closing-strips are adapted to abut, said strips being held in position between the upper end flange of the glue-pot and suitable supports extending transversely to said metal strips.

It further consists of novel details of construction, all as will be hereinafter fully set forth, and particularly pointed out in the claims.

Figure 1 represents a perspective view of a novel construction of a work-bench embodying my invention. Fig. 2 represents, on an enlarged scale, a plan view of Fig. 1, showing the parts in detached position and indicating the manner of assembling the same. Fig. 3 represents a perspective view of a novel construction of a glue-pot employed which is adapted to be used in conjunction with my novel work-bench. Fig. 4 represents a perspective view of certain portions of the device, partly broken away.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a work-bench, the same having the end pieces B, which are sustained upon the legs, feet, or other suitable supports C.

D designates ways, preferably of metal, which have their extremities suitably attached to the end pieces B, while intermediate said end portions said ways are suitably secured together by transverse strips E.

F designates sides of the bench, the same consisting of suitable strips, to the under surface of which, near the ends, are attached the cleats G, the edges H of which latter are adapted to contact with the edges J of the pieces B, it being noted that each side F is provided with a cleat at opposite ends thereof, so that the inner edges J of said ends serve, in conjunction with the abutting edges H of the cleats G, as guides and always insure the proper relative position of the sides F to the other parts of the work-bench when the parts are assembled.

K and L designate closing-strips which are adapted to be inserted in the slides M between the outer end portions of the ways D, the inner ends N of said strips being adapted to rest upon the transverse strips E when the parts are assembled in position.

P designates a glue-pot, the same consisting of the depending abutting portion which is adapted to be held between the wall of the ways D and the ends N of the strips K and L, said glue-pot being provided with the end flanges Q, which when the parts are assembled are adapted to extend over the transverse strips E, so that the extremities N of the strips K and L will be supported and concealed between the flanges Q and strips E. The glue-pot P is constructed with two compartments R and S, underneath which is located the jacket T, with which communicate the pipes U.

The edges of the sides F which contact with the ways D are provided with the walls V,

which extend slightly above the ways D, as will be understood from Fig. 1, it being understood that said sides F are held in position by the keepers W on the under surface thereof, whereby the parts when in assembled position will remain substantially as seen in Fig. 1 until it is desired to remove the sections of the table, which can be readily done, as will be understood from Fig. 2, which shows the parts in the act of removal, whereby access to all parts of the work-bench can be readily had.

It will be apparent that slight changes may be made by those skilled in the art which will come within the scope of my invention, and I do not therefore desire to be limited in every instance to the exact construction I have herein shown and described.

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

1. A work-bench made in sections, and consisting of ends having longitudinally-extending ways supported thereon and sides movable over and guided by the adjacent edges of said ends and adapted to be disconnected from said ends and ways according to requirements.

2. A work-bench, consisting of the ends suitably supported, ways having their extremities mounted on said ends, sides adapted to be moved toward and away from said ways, the latter being adapted to support a glue-pot and closing-pieces adapted to be supported between said ways.

3. A work-bench consisting of ends suitably supported, ways having their extremities mounted on said ends, transverse strips for said ways, sides having cleats on the under side thereof adapted to engage the inner edges of said ends, closing-pieces for the outer portions of said ways and a glue-pot adapted to be held upon said ways and between the extremities of said closing-pieces.

4. A work-bench made in sections, ways therein, closing-strips adapted to move in said ways, and a glue-pot covering the adjacent ends of said strips and supported in said ways.

5. A work-bench made in sections, ways therein, closing-strips adapted to move in said ways, a glue-pot supported in said ways and flanges on either end of said glue-pot.

6. A work-bench made in sections the sides of which have raised walls, ways therein, closing-strips adapted to move in said ways, a glue-pot supported in said ways and flanges on either end of said glue-pot, which is formed with two compartments and pipes leading from one of said compartments.

GUSTAV A. BISLER.

Witnesses:
JOHN A. WIEDERSHEIM,
E. HAYWARD FAIRBANKS.