

(No Model.)

2 Sheets—Sheet 1.

T. E. DOELGER.
COMBINATION WORK BENCH AND TOOL BOX.

No. 564,782.

Patented July 28, 1896.

Fig: 3.

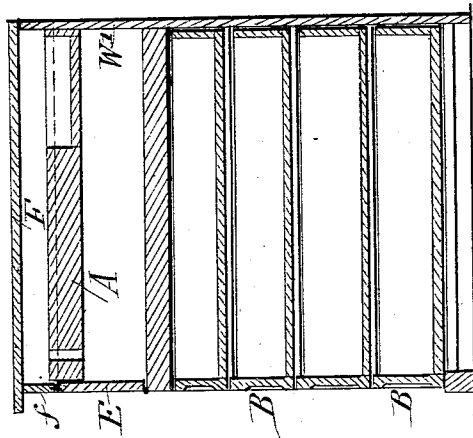
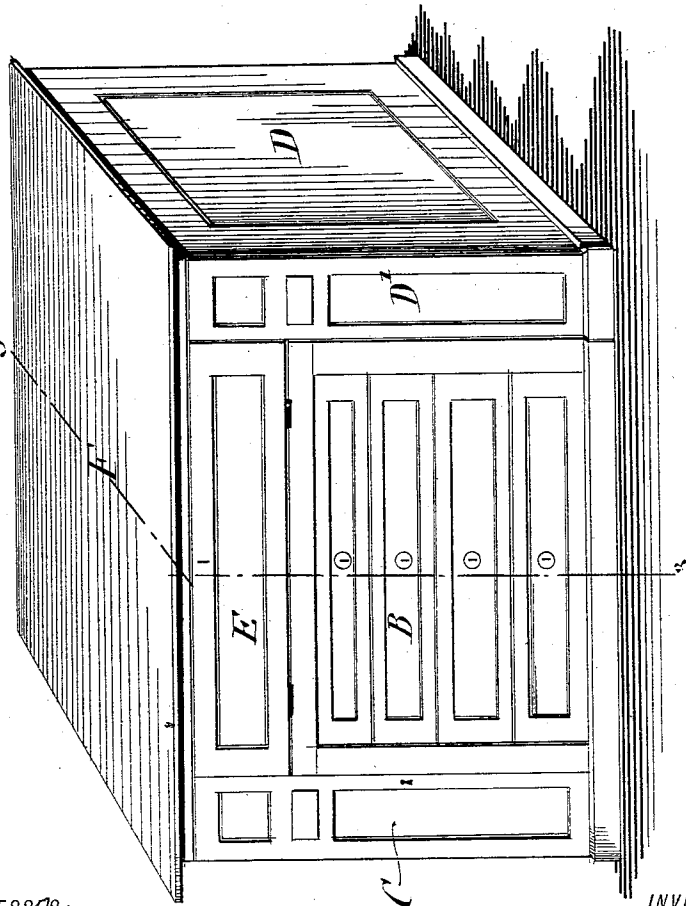


Fig: 1.



WITNESSES:
Geo. W. Jackel
O. East

INVENTOR
Theodore E. Doelger
BY *Sam. H. Rogers*
ATTORNEYS.

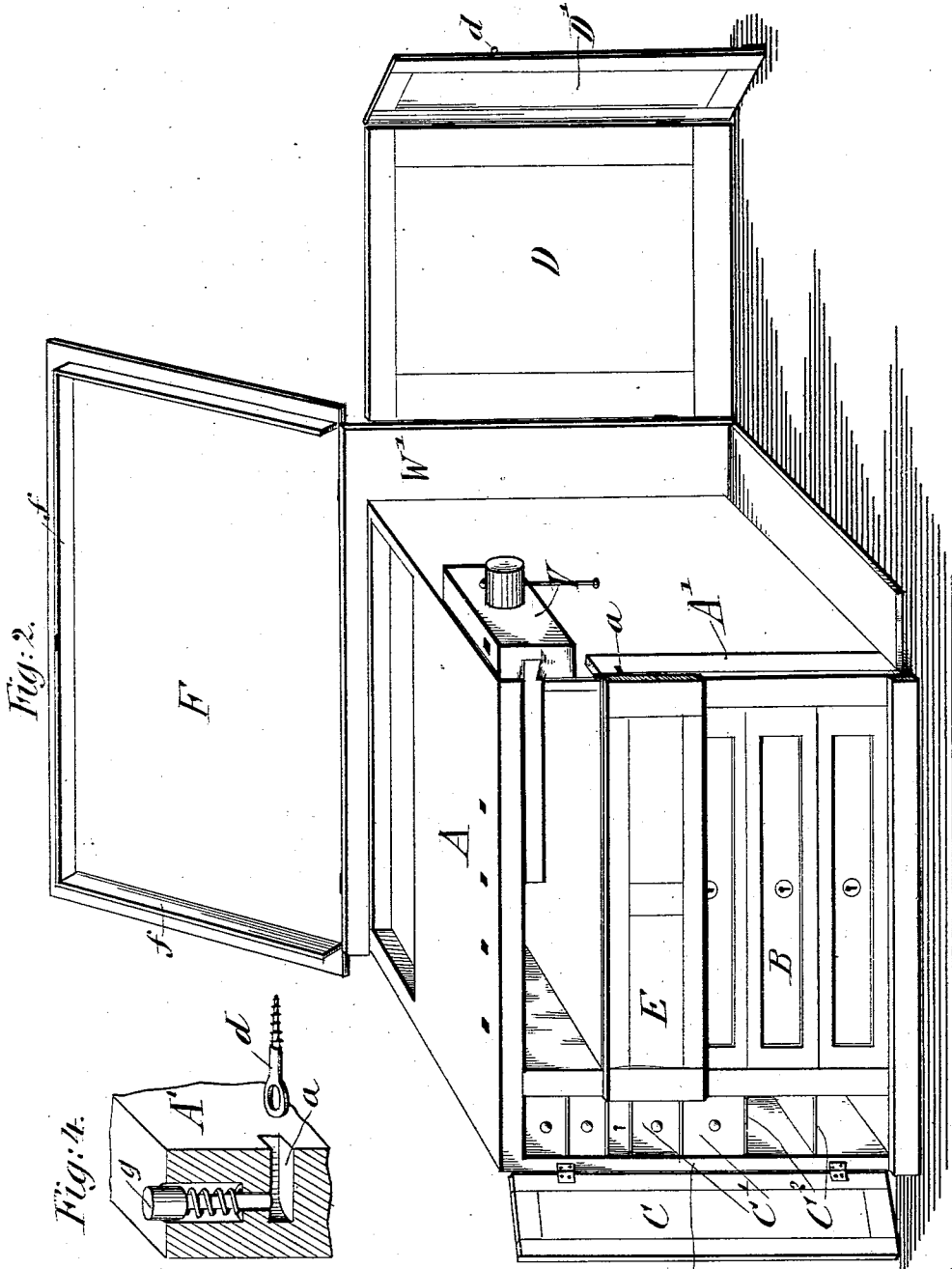
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2 Sheets—Sheet 2.

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WITNESSES:
Geo. H. Jackson
Oliver

INVENTOR
Theodore E. Doelger
BY
James H. Magner
ATTORNEYS.

UNITED STATES PATENT OFFICE.

THEODORE E. DOELGER, OF NEW YORK, N. Y.

COMBINATION WORK-BENCH AND TOOL-BOX.

SPECIFICATION forming part of Letters Patent No. 564,782, dated July 28, 1896.

Application filed May 21, 1896. Serial No. 592,498. (No model.)

To all whom it may concern:

Be it known that I, THEODORE E. DOELGER, a citizen of Germany, residing in the city, county, and State of New York, have invented certain new and useful Improvements in a Combination Work-Bench and Tool-Box, of which the following is a specification.

This invention relates to a combined work-bench and tool-cabinet for cabinet-making and carpentering work, said bench being so constructed that it can be readily inclosed in such a manner that a cabinet-like structure is obtained, or it may be changed into a work-bench with all the tools ready for use whenever the same are required; and the invention consists of a combined work-bench and tool-cabinet which comprises a work-bench, drawers below the same for tools, hardware, &c., a hinged vertical front lid at one side of said drawers, a vertical front lid at the opposite side of the same, a hinged side lid to which the latter front lid is hinged, a transverse or horizontal hinged lid at the upper part of the front above the drawers, and a hinged top lid extending over the top of the bench, the upper edges of the front and the side lids.

The invention consists, further, of certain details of construction, which will be fully described hereinafter, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved work-bench and tool-cabinet, shown in closed position, so as to have the appearance of a cabinet. Fig. 2 is a perspective view of the bench with the parts shown in open position, so as to be used for work. Fig. 3 is a vertical transverse section of the bench, shown in closed position on line 3 3, Fig. 1; and Fig. 4 is a detail of the same.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a work-bench, such as is used by cabinet-makers, carpenters, and other woodworkers. Below the bench proper are arranged drawers B B, which are gradually increased in size from the upper toward the lower end, and which serve for the storage of tools, &c., used by cabinet-makers, carpenters, &c. At one side of the said drawers B is hinged to the

corner of the bench a narrow vertical front lid C, back of which are arranged a number of smaller drawers C' and shelves C² for screws, nuts, and other articles. The left-hand side and the back of the working bench are closed by walls W W', respectively, the rear wall W' extending sufficiently toward the right, so as to close up the vise V. The right-hand side wall or lid D is hinged to the rear wall of the structure, and adapted to be moved in a forward direction so as to close the right-hand side of the bench. The outer end of the side lid D is provided with a narrow vertical front lid D', which corresponds in width and general appearance to the front door C, so as to impart to both sides of the front of the bench a symmetrical appearance when the same is closed up.

Above the drawers is arranged a transverse front lid E, which is hinged and can be dropped into lowermost position, as shown in Fig. 2, so as to expose thereby the top of the bench. A top lid F is hinged to the rear wall of the bench and adapted to extend over the top of the bench and over the upper edges of the side walls, said top lid being provided with a front and two side rails f, that rest on the upper ends of the side and front lids when lowered into closed position, as shown in Fig. 3. The left-hand front lid, the transverse front lid, and top lid are provided with suitable locking devices, by which they can be locked into closed position, while the end lid and right-hand front lid are locked in closed position by suitable locking devices in connection with the transverse front lid, as clearly shown in detail in Fig. 4 and now described.

To the front portion of the right-hand wall of the bench A is fastened a vertical cleat A' in a vertical hole, in the upper end of which is guided a normally-projecting spring-actuated locking-pin g, the lower operative end of which is adapted to be moved across a horizontal guide-hole a in the cleat by the transverse front lid E when it is swung up into closed position. Projecting from the free edge of the right-hand front lid D' is a keeper d, which when the lids D and D' are closed moves into the hole a, so that when the locking-pin g is pushed down by closing the transverse front lid E the same will be projected

into the eye of the keeper *d*, thereby locking the lids *D* and *D'*.

The work-bench is provided with the usual accessories, the various tools being suspended
5 in any convenient manner in the lower part, as well as in the end and top lids of the same, so that when all the lids are placed in closed position the bench and the tools are entirely inclosed, and thereby protected against dust
10 and interference and any meddling with the same.

My improved work-bench and cabinet form a very convenient structure for woodworkers of all kinds, as all the parts can be closed up
15 and the appearance of the same changed into a piece of furniture of attractive appearance that can be readily placed in any convenient space. It also forms a very convenient article for amateur woodworkers, to whom the
20 ordinary work-bench is objectionable, owing to the inconvenience in placing the same in ordinary dwellings.

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

1. The combination of a work-bench, a series of drawers arranged below the same, a side lid hinged to the extended rear wall of the bench, an upright front lid hinged to the

end lid, and means for locking the parts in
30 closed position, substantially as set forth.

2. The combination of a work-bench, a series of drawers below the same, closing walls at one end and at the rear of the bench, a
35 hinged vertical front lid at one side of the drawers, a side lid hinged to the rear wall, a vertical front lid hinged to the front end of the side lid, a transverse front lid hinged
40 above the drawers, a top lid hinged to the rear wall, and means for locking the side, front lids and top lid in closed position, substantially as set forth.

3. In a combined work-bench and tool-cabinet, a transverse hinged front lid, a hinged
45 side lid, a vertical front lid hinged to the side lid, a locking-pin adapted to be engaged by the transverse lid, means for supporting and guiding the locking-pin, and a keeper arranged on the vertical front lid and adapted
50 to be locked by said pin, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

THEODORE E. DOELGER.

Witnesses:

PAUL GOEPEL,
GEO. W. JAEKEL.