(No Model.)

J. A. FRANKLIN.

TOOL-CHEST.

No. 425,215. Patented Apr. 8, 1890.

Fig. 1.

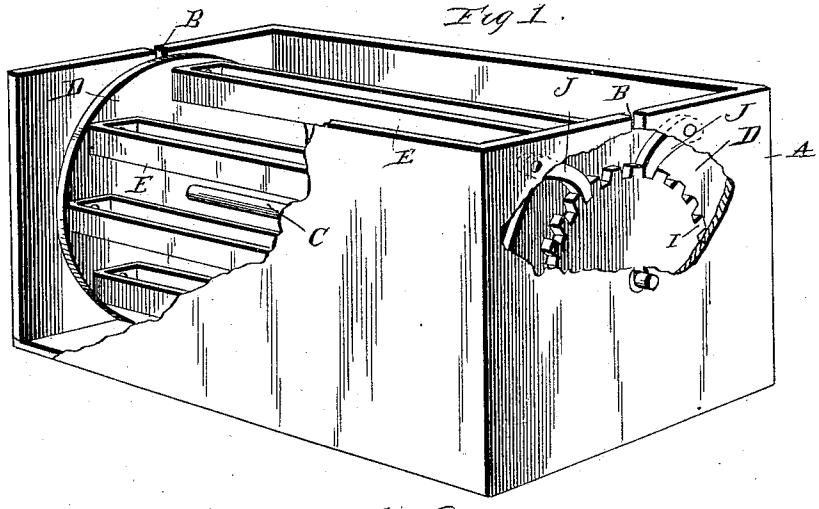


Fig. 2.

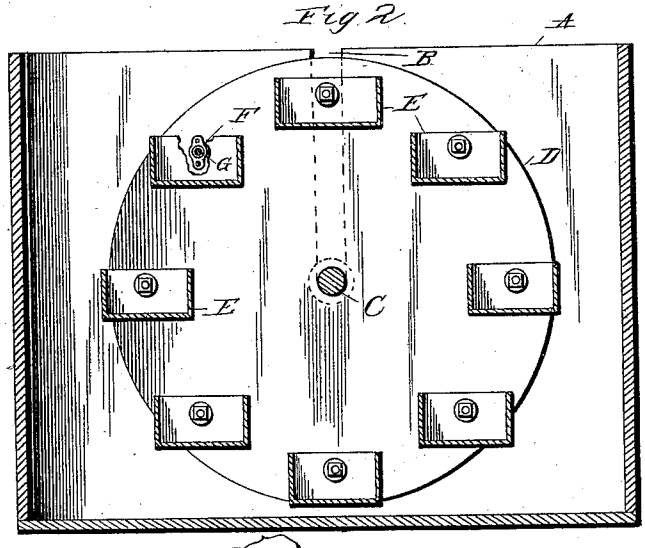
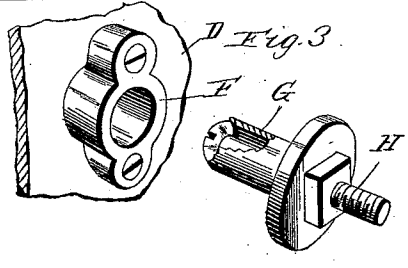


Fig. 3.



Witnesses.
E. Raeder
Mayo Vicke

James A. Franklin
Inventor
By W. J. FitzGerald
Attorney

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

UNITED STATES PATENT OFFICE.

JAMES A. FRANKLIN, OF WABASH, INDIANA, ASSIGNOR OF ONE-HALF TO SHARP HAGGERTY, OF BROOKS, KANSAS.

TOOL-CHEST.

SPECIFICATION forming part of Letters Patent No. 425,215, dated April 8, 1890.

Application filed December 16, 1889. Serial No. 333,882. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. FRANKLIN, a citizen of the United States, residing at Wabash, in the county of Wabash and State of Indiana, have invented certain new and useful Improvements in Chests for Tools, &c.; 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 tool boxes or chests; and it consists in certain novel features hereinafter described and claimed.

In the annexed drawings, Figure 1 is a perspective view of my improved device with a part broken away. Fig. 2 is a transverse section thereof. Fig. 3 is a detail view of one of the bearings or hangers for the trays.

Referring to the drawings by letter, A designates the casing or chest, which may be of any desired size, and is provided in the inner faces of its ends with the vertical grooves B, as shown. An axle or shaft C has its ends fitted in these grooves, and is supported by the lower ends of the same. To this axle, near the ends of the same, I secure the disks D, and to the said disks I pivot the trays or drawers E, which extend between the disks and are adapted to contain the tools or other articles, as will be readily understood. These trays are secured to the disks in such a manner that they will always be in a horizontal position, and this result is secured by the use of the hangers or bearings illustrated in Fig. 4. Each disk is provided on its inner side around its edge with the perforated lugs or brackets F, and within the opening of said lug or bracket I arrange a hollow roller G, through which a headed screw H is inserted into the end of the tray to secure the several parts together, as will be readily understood upon reference to Fig. 4. One of the disks D is provided around its edges with the reversely-arranged ratchet-teeth I, and to the adjacent end of the chest A, I pivot the pawls J, which extend inward in opposite directions and engage the said ratchet-teeth, and thereby prevent movement of the disk in either direction.

My device provides a very simple and compactly-arranged chest, in which a workman may arrange his tools in a convenient manner and have them always at hand.

In practice the tools are placed in the trays or drawers and the rotary frame, composed of the disks and trays, hung in the chest, as shown and before described. When the workman desires to use any particular tool, one of the pawls is disengaged from the ratchet-teeth and the frame is then rotated to bring the tray containing the desired tool into convenient reach.

It will be observed that as the frame rotates the trays will swing on their pivots, and thus maintain their horizontal position. The hollow rollers in the hangers for the trays reduce the friction between the contacting parts to a minimum, and thus enable the trays to turn easily and readily. The ends of the chest prevent longitudinal movement of the rotary frame, while the grooves in the ends of the chest permit the frame to be quickly removed for cleaning or repairs, or to economize room in the storage and transportation of large numbers of the devices. My device can be manufactured at a small cost, and its advantages are thought to be obvious.

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

The combination of the tray, the disks, the perforated lugs secured to the disks, the hollow rollers fitted within the openings in said lugs, and the securing-screws inserted through the said rollers into the ends of the tray, as set forth.

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

JAMES A. FRANKLIN.

Witnesses:

OLIVER H. BOGUE,

B. F. CLEMANS.