(No Model.)

A. B. HARNISH.

FOLDING STOOL.

No. 318,110. Patented May 19, 1885.

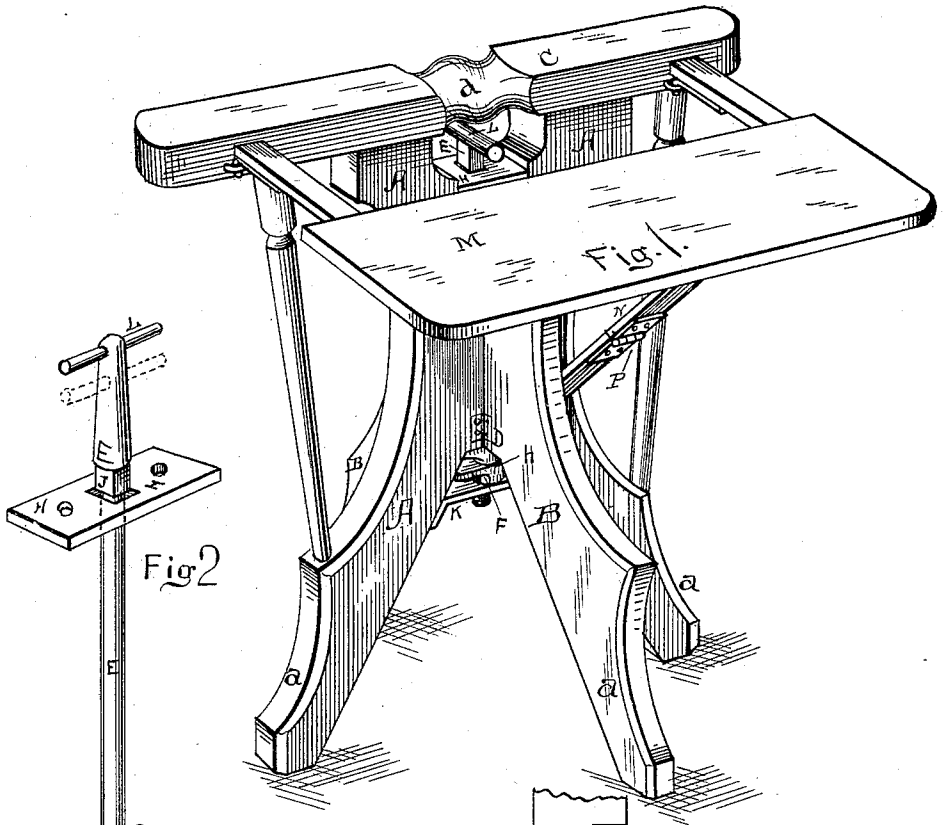


Fig. 1.

Fig 2

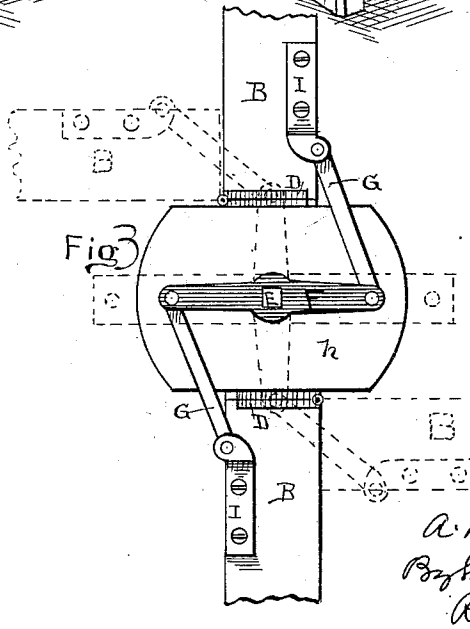


Fig 3

Witnesses:
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A. B. Harnish
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UNITED STATES PATENT OFFICE.

AMOS B. HARNISH, OF MEDWAY, OHIO.

FOLDING STOOL.

SPECIFICATION forming part of Letters Patent No. 318,110, dated May 19, 1885.

Application filed June 6, 1884. (No model.)

To all whom it may concern:

Be it known that I, AMOS B. HARNISH, of Medway, in Clark county, in the State of Ohio, have invented a new and useful Improvement in Folding Stools or Tables; and I do hereby declare that the following is a full and accurate description of the same.

My invention is especially adapted for use as a pedestal to support a coffin, with a folding leaf to support floral offerings or other objects, as may be required, though it may be made of sufficient size to be adapted to the general purposes of small tables which are intended for occasional use, and therefore may conveniently be made to fold into smaller space for convenience of storage when out of use.

I am aware that tables have been heretofore made with stationary and folding feet or legs hinged to the stationary legs or to the frame by which they are supported, and therefore I do not claim, broadly, a table or stool with stationary and folding feet; but I am not aware that any table or stool with stationary and folding feet has ever been provided with a double crank-rod and links connecting said cranks with said legs, respectively, for the purpose of simultaneously opening and closing said folding legs, nor that said controlling-rod has been provided with means for locking the same in position, either open or closed.

That others may fully understand my improvement, I will particularly describe it, having reference to the accompanying drawings.

Figure 1 is a perspective view of my improvement. Fig. 2 is a perspective view of the operative mechanism in position, but detached from the table. Fig. 3 is a bottom plan of the mechanism for moving the swinging legs.

A is the frame of the table or stool prolonged downward to constitute the feet or legs *a*. This frame and the feet or legs may, of course, be made in a great variety of ways to suit the fancy or the purposes of the user. The legs B B are attached to the side of the frame A by the hinges D, with vertical axis, so as to swing around against the side of said frame, and, if the legs and feet are of the same pattern, so that they will all conform to the same outline. If the stool is intended for the purposes of a coffin-pedestal, I prefer to attach to the top of the frame A a cross-bar, C, with hand-hole *d* at its middle, for convenience of carriage in the hand; but this is an arbitrary matter and may be arranged as desired. A rod, E, is placed within the frame A, and is provided with bearing-plates H *h*, which are secured to the top and bottom of said frame, respectively. A cross-plate or double crank, F, is attached to the bottom of said rod E, and at its ends said crank F is attached to the swinging legs B B, respectively, by the links G G, so that as said rod is rotated said legs are caused to swing outward into position or inward to fold against the stationary legs A. The joint-plates I I are fastened to the swinging legs respectively. The rod E has a "square," J, and the bearing-plate H has a corresponding square socket, so that when said square is within said socket the rod cannot be rotated, and the legs B will be locked and held in position, whether the same be open or closed. I find it convenient to attach the double crank-plate F to the rod E by means of an angular portion on the foot of said rod fitting and sliding in a corresponding hole in said crank-plate, so that as the rod is moved endwise to lock or unlock in the plate H the crank-plate may not be affected. A retaining-plate, K, prevents the falling away of the crank-plate. The rod E is provided with a cross-bar handpiece, L, for convenience in managing the rod E, and for convenience said hand-bar is located in a recess below the bar C. A leaf, M, is attached to the side of the cross-bar C, so that it may be raised to a horizontal position or permitted to drop by the side of the folded leg. The leaf M is supported by a brace, N, hinged at its ends to the leaf and to the frame A, respectively, and at its middle, or thereabout, said brace is divided and joined with a knuckle-joint, P, which moves upward when the leaf is lowered, and is therefore kept in proper engagement and position by gravity when the leaf is raised. The leaf M is raised to support floral offerings when the device is employed as a coffin-pedestal or as a table-leaf for other purposes.

Having described my invention, what I claim as new is—

1. A folding table with two stationary legs and two movable legs hinged to the former, so

as to fold in opposite directions to and by the sides of said stationary legs, combined with a rod, E, mounted to turn in bearings attached to the stationary legs and provided with the crank-plate F and links G G, jointed to said crank-plate and to the movable legs at the respective ends of said links, as set forth, whereby the said legs may be simultaneously moved by turning said rod.

2. The stationary legs A and the movable legs B B, hinged thereto, combined with the links G G, each jointed at one end to one of the movable legs, the crank-plate F, jointed at its ends to the other ends of said links, respectively, and the rod E, with a sliding connection at its lower end with the plate F, and a locking-plate for locking said rod in position, substantially as set forth.

3. The frame A, with the legs *a*, the movable legs B, hinged thereto so as to swing around and fold against the permanent legs, the links G G, and the crank-plate F, combined with the rod E, having a sliding connection with said crank-plate and the squared or angular part J, and the correspondingly-socketed plate H, substantially as set forth.

4. The frame A and legs *a*, the hinged legs B, the rod E, with the crank-plate F and links G, and the locking-plate H, for locking said rod, crank, and legs in place, combined with the bar C across the top, and the falling leaf M, hinged thereto, and the jointed prop N.

AMOS B. HARNISH.

In presence of—
WILLIAM WISE,
WILLIS WISE.