

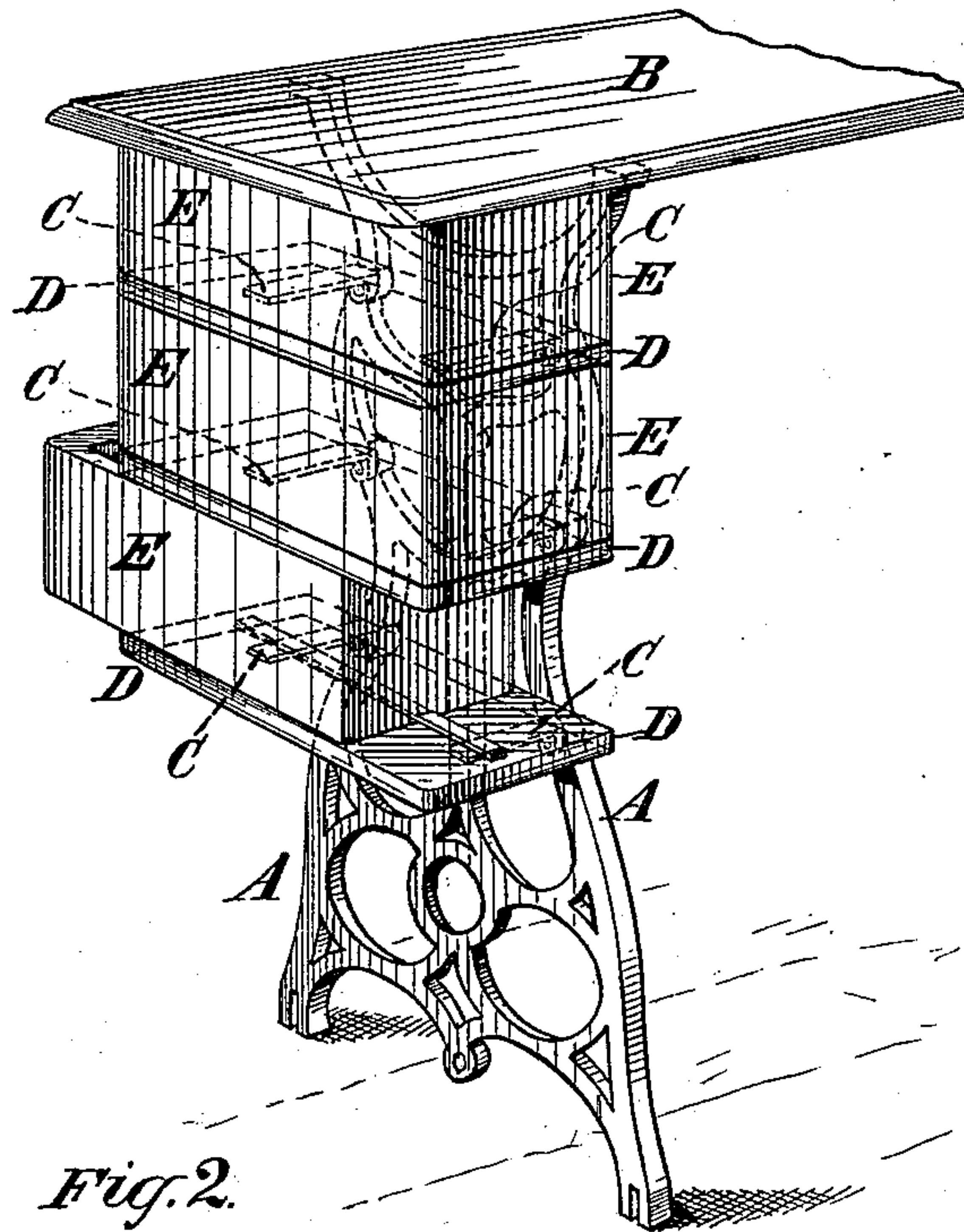
(No Model.)

W. A. MACK.  
STAND FOR SEWING MACHINES.

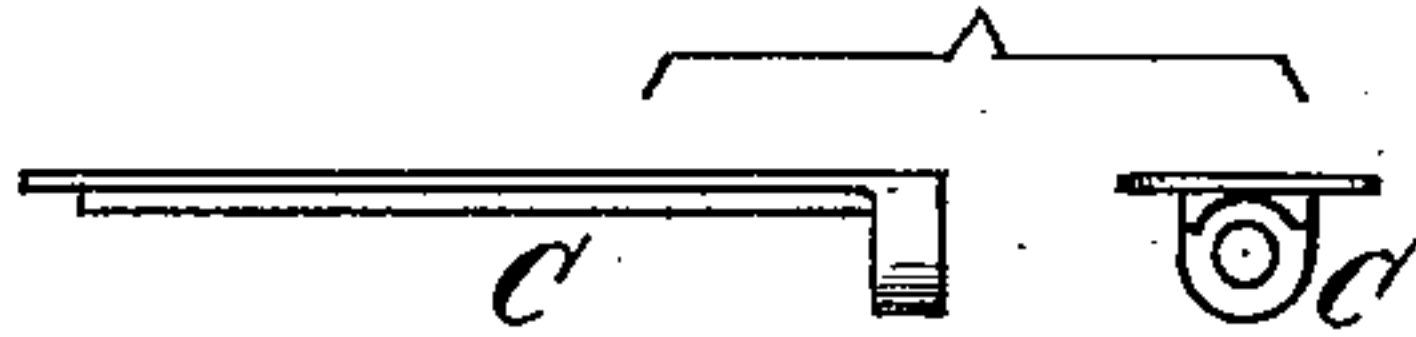
No. 405,043.

Patented June 11, 1889.

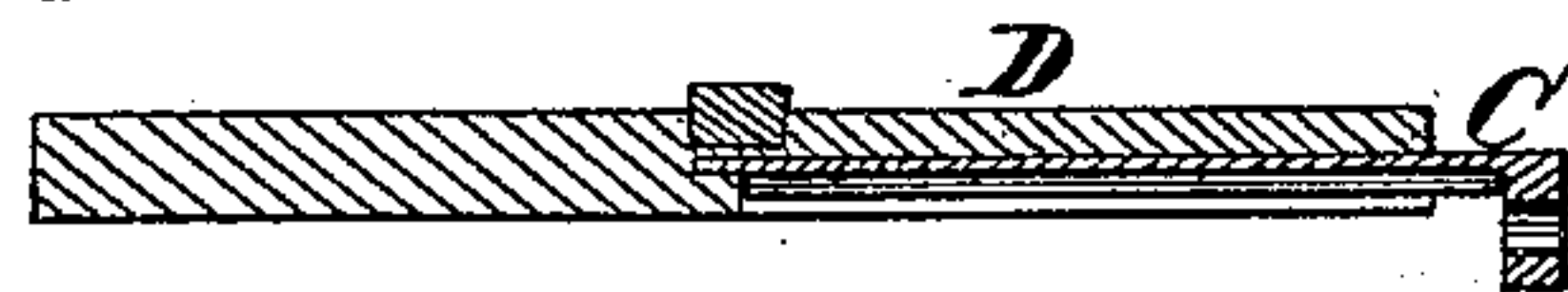
*Fig. 1.*



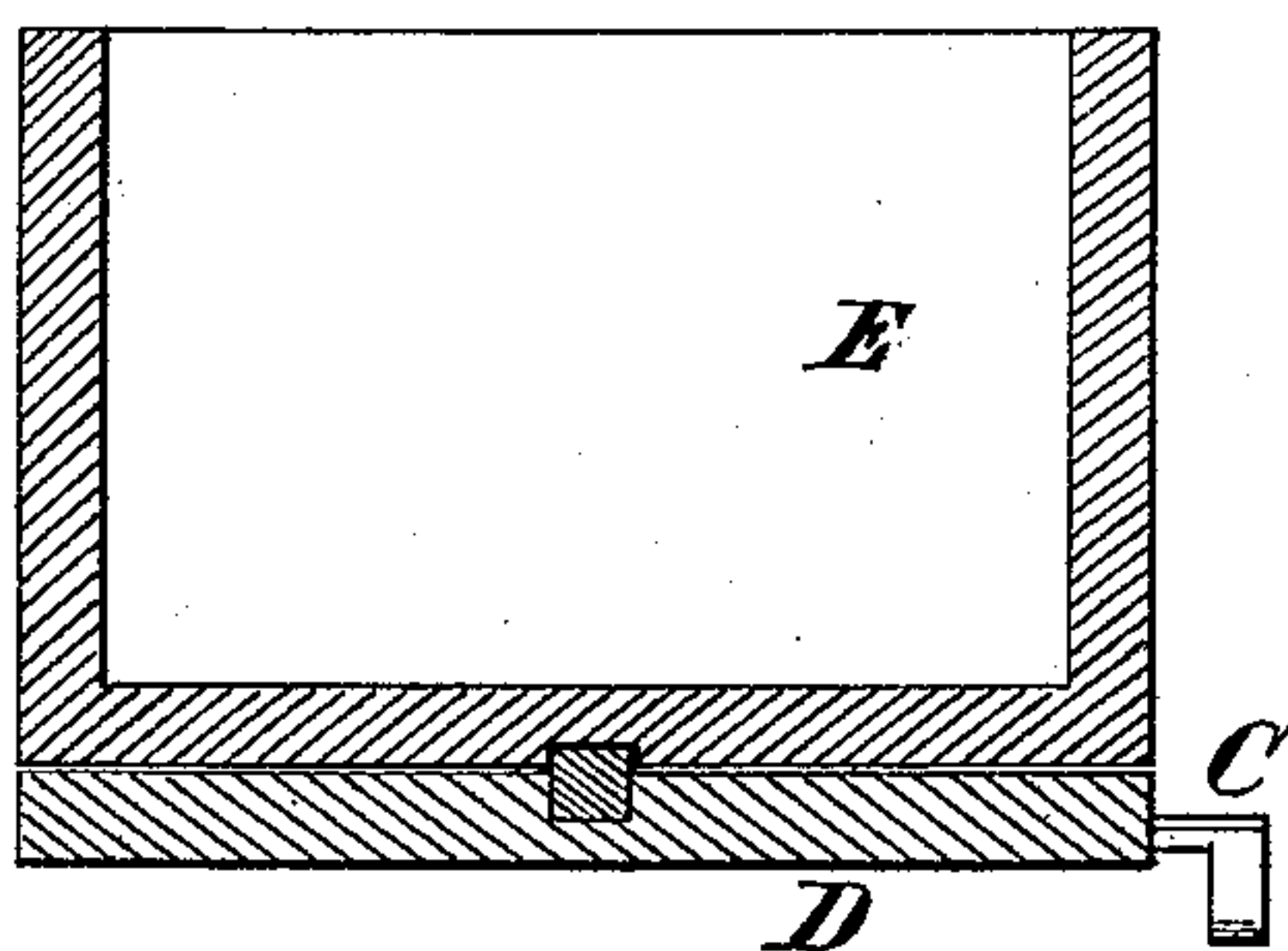
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

WILLIAM A. MACK, OF NORWALK, OHIO.

## STAND FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 405,043, dated June 11, 1889.

Application filed March 6, 1885. Serial No. 157,877. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. MACK, a citizen of the United States, and a resident of Norwalk, Huron county, Ohio, have invented new and useful Improvements in Stands for Sewing-Machines, &c., of which the following is a specification.

My invention consists in the general means, hereinafter more fully described, whereby drawers may be held by and supported at the side of the leg of a sewing-machine, dispensing with wooden sides and metallic bottoms and guides, the object of which is to cheapen the cost of manufacture by lessening the labor, as well as unnecessary expense in material, which will be hereinafter more clearly explained.

Referring to the drawings, Figure 1 represents a view of my improvement in position secured to a leg of a stand. Fig. 2 represents the arms for supporting the shelf upon the leg. Fig. 3 represents a section of the shelf and the metallic support, showing the manner in which the parts are united. Fig. 4 represents a section of a drawer and shelf, showing the means by which the former is guided.

In the drawings, A represents the leg of a stand; B, the table; C C, metallic supporting pieces or arms attached to the side of the leg. D is a wooden shelf provided with a tongue; and E E are drawers, each provided with a groove upon its under side, adapted to receive a counterpart or groove serving as a guide to partially support and direct the movement of the drawer upon the shelf while pushed and drawn back and forth in practice. It is obvious, however, that the position of tongue and groove may be reversed without changing the operation or result of the parts.

The metallic arms for supporting the shelves are represented as slightly concave upon their under side, so formed for the purpose of enabling the constructor to more readily pass the screw-bolt into position which secures the said arm to the leg. It is also materially lightened thereby, and the two ribs so formed

thereon add additional strength. These arms, however, may be provided with a threaded end instead of the hole to receive the bolt. The shelf for supporting the drawer is grooved in such a manner and form as to receive the arm therein snugly and under pressure for that purpose, if desired, and so avoid the necessity of using screws or other means to secure the arm or arms and shelf together. The peculiar form of the arm also enables the constructor to apply the same without the necessity of a space between shelves and drawer below.

The operation of my improvement will be understood without further explanation.

I do not, however, wish to be understood as claiming, broadly, in this application a combination regardless of the means and structure employed, as I am aware that various contrivances have been made from time to time, and patented, by which drawers have been suspended from the side of a stand—such, for instance, as those shown in Letters Patent of the United States, Nos. 156,042, 246,554, 119,962. Such I do not claim; but,

Having thus set forth my invention, what I claim as new is—

1. In a sewing-machine stand, the combination, with two or more shelves supported in position by metallic arms, of two or more drawers supported on the upper side of said shelves, and each guided longitudinally by a tongue operating within a groove, substantially as set forth.

2. In a sewing-machine stand, the combination, with two or more shelves supported in position by detachable metallic arms, said arms extending within grooves or openings arranged transverse to the length of said shelves, of two or more drawers supported on the upper side of the latter, and a tongue or groove for guiding the same, substantially as set forth.

WILLIAM A. MACK.

Witnesses:

WM. I. GARD,

KINGSTON G. LINNARD.