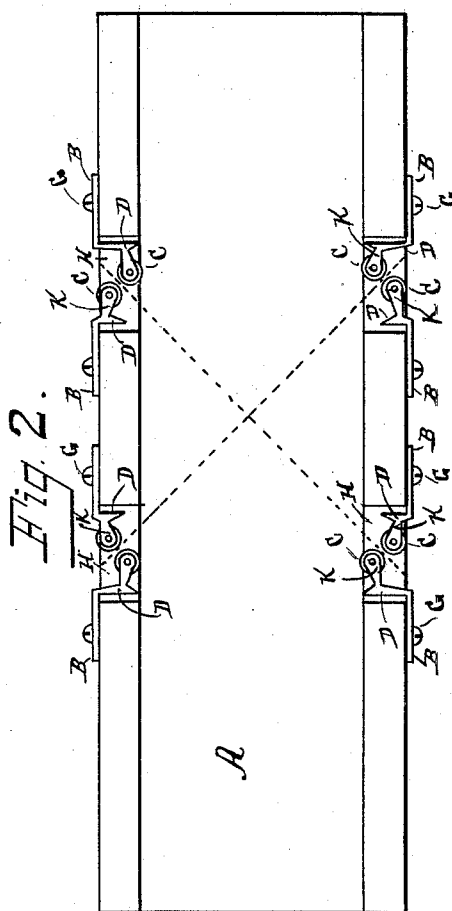
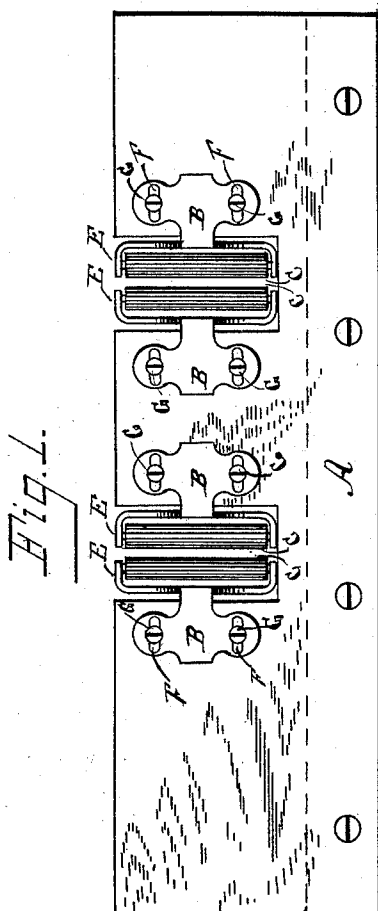


(No Model.)

A. WARD.
MITER BOX.

No. 463,216.

Patented Nov. 17, 1891.



Witnesses:

Geo. H. Harvey
J. B. Johnston

Inventor.

Arthur Ward
By *A. C. Johnston*
Atty

UNITED STATES PATENT OFFICE.

ARTHUR WARD, OF ALLEGHENY, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO M. D. STECK, OF SAME PLACE.

MITER-BOX.

SPECIFICATION forming part of Letters Patent No. 463,216, dated November 17, 1891.

Application filed November 17, 1890. Serial No. 371,736. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR WARD, of Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and
5 useful Improvement in Miter-Boxes; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to an improvement in miter-boxes; and it consists in the arrange-
10 ment and combination of parts, substantially as hereinafter described, and particularly pointed out in the subjoined claim.

In the accompanying drawings, which form part of my specification, Figure 1 is a side
15 elevation of a miter-box provided with my improvement. Fig. 2 is a top view of the same.

In the drawings, A represents the miter-box, having openings H made in the sides thereof, in which are the rollers C, which are pivoted
20 in the projections K on the shoulder D of the adjustable bracket or frame B, having elongated openings F. The guide-rollers are set

to the thickness of the saw to be used, and said rollers revolving as the saw is shoved
25 forward and pulled backward makes it very easy on the operator. As the rollers wear, they can be adjusted through the medium of the elongated openings F and held in position by the set-screws G. 30

Having thus described my improvement, what I claim is—

In a miter-box, the frame having openings in its sides, in combination with brackets B, having elongated slots F, shoulders D, and
35 projections K, guide-rollers C, pivoted to said projections K, and set-screws for securing said brackets to said frame, said parts being arranged and operating substantially as shown and described. 40

In testimony whereof I have hereunto set my hand this 18th day of October, A. D. 1890.

ARTHUR WARD

Witnesses:

A. C. JOHNSTON,

I. C. JOHNSTON.