

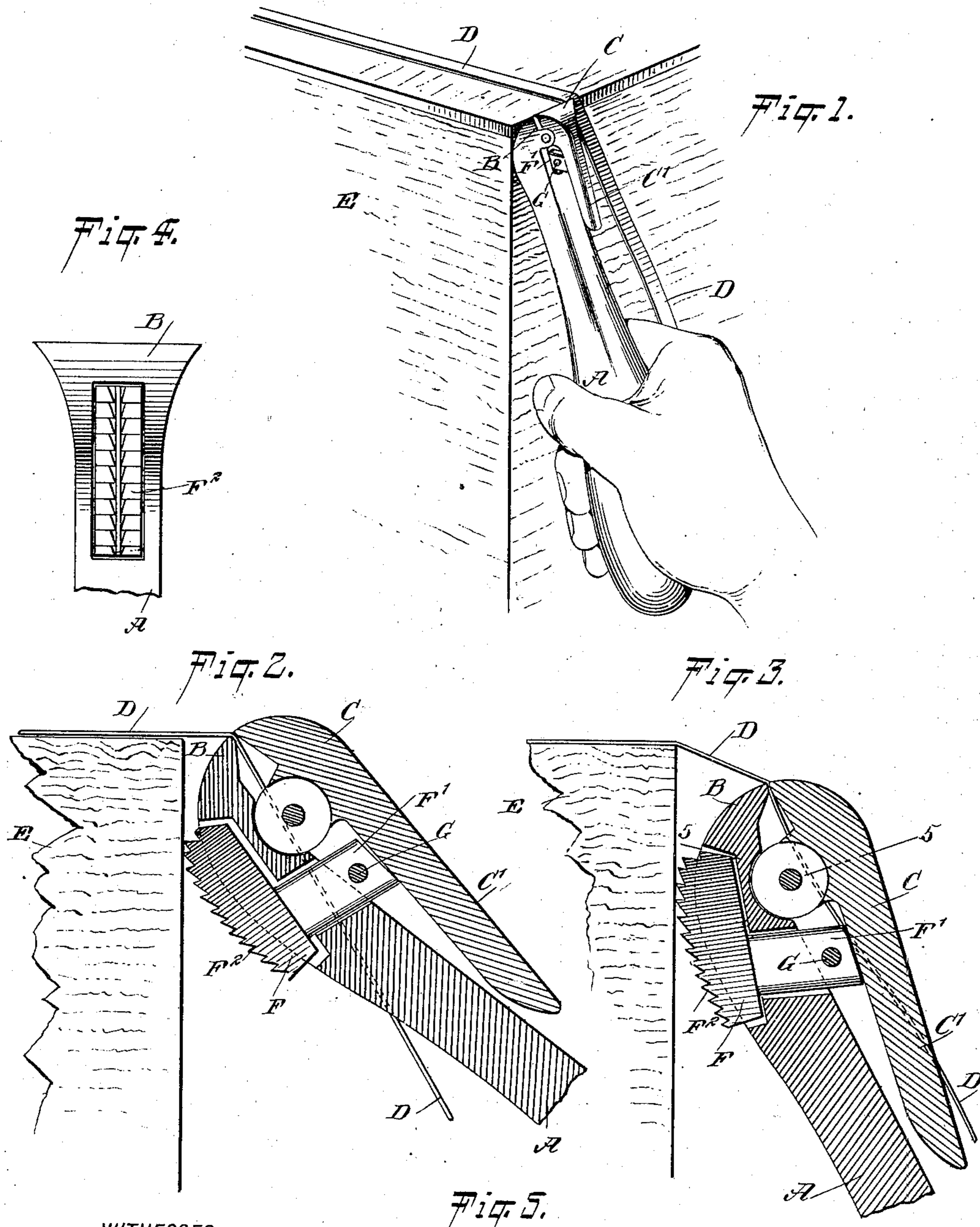
No. 653,106.

Patented July 3, 1900.

W. MAX.
STRAPPING TOOL.

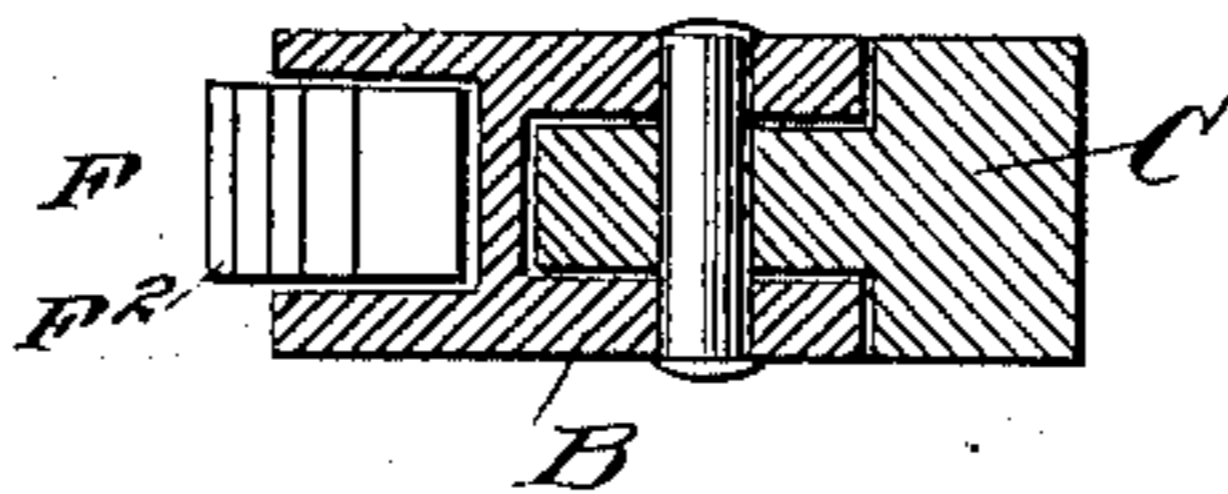
(Application filed Apr. 28, 1900.)

(No Model.)



WITNESSES:

William P. Gaebel.
Geo. G. Hostetler.



INVENTOR
William Max.

BY *Mum*
ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM MAX, OF NEW YORK, N. Y.

STRAPPING-TOOL.

SPECIFICATION forming part of Letters Patent No. 653,106, dated July 3, 1900.

Application filed April 28, 1900. Serial No. 14,705. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MAX, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Strapping-Tool, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved tool for conveniently and quickly drawing or stretching metal straps across the side of a box or other receptacle previous to nailing the strap down, the tool being adapted for securely holding the strap in a stretched position, so that the operator may use both hands for nailing purposes.

The invention is embodied in the construction and combination of parts, as described hereinafter.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement as applied. Fig. 2 is an enlarged sectional side elevation of the same. Fig. 3 is a similar view of the same with the tool in a different position. Fig. 4 is an inverted plan view of part of the tool, and Fig. 5 is a transverse section of the same on the line 5 5 in Fig. 3.

On a suitable handle A is formed a fixed jaw B, operating in conjunction with a movable jaw C for engaging and gripping the strap D to be drawn or stretched across the side of a box E, as is plainly indicated in Figs. 1, 2, and 3. The movable jaw C is pivoted to the fixed jaw B and is provided with a tail-piece C', engaged at the under side by the foot or shank F' of a segmental block F², which serves as a fulcrum for the tool when in use. The said block F² is toothed on its outside and fitted loosely in a socket formed in the under side of the handle A. The shank F' passes through and slides freely in a transverse hole or slot formed in the handle directly in rear of the pivot or joint of the movable jaw. The relation of parts is such that the gripping edges of the jaws meet before the fulcrum-block F² reaches the bottom of its socket, so that the shank F' will always

abut and exert leverage on the movable jaw C when the tool is in use.

Now in order to use the tool the operator takes hold of the handle A and presses with his finger on the tailpiece C' of the movable jaw C, so as to open the latter and engage the strap D at or near the end of the side of the box over which the strap is to be stretched. The operator now places the segmental-toothed face F² of the block F against the adjacent side of the box, as indicated in Figs. 1 and 2, and then presses down on the handle A, so that the block F is caused to slide inward and press on the tailpiece C', and thereby impart a swinging motion to the movable jaw C, so as to close the same tightly upon the strap D, whereby the latter is firmly gripped by the fixed jaw B and the movable jaw C. Upon the operator bearing down further on the handle A the jaw end of the tool swings outward away from the box, as the block F forms a fulcrum for the tool to swing on, and consequently the strap D is drawn across the box and stretched very tight over the surface thereof. The handle A when swung downward and inward toward the side of the box will firmly hold the strap D in a stretched position, and the operator can now release the handle A and use both hands for nailing the stretched portion of the strap over the corresponding side of the box. When this has been done, the operator again takes hold of the handle A and swings the same upward and presses the tailpiece C' to open the jaw for releasing the strap.

From the foregoing it will be seen that the tool is very simple and durable in construction and can be readily manipulated by the operator to firmly and properly stretch the strap over the side of a box or other receptacle to permit of nailing the strap down when in a stretched position.

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

As an improved article of manufacture, the described tool for use in strapping boxes, &c., the same being constructed of an elongated handle and a fixed gripping-jaw which are formed integrally, a short movable jaw pivoted to the fixed one, and provided with a tailpiece extending back on the handle, and

the movable fulcrum-block arranged in a
guide-socket in the under side of the handle,
and having a foot or shank which passes
through the handle, and is secured therein,
5 and adapted to work in contact with the tail-
piece of the movable jaw, as shown and de-
scribed.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

WILLIAM MAX.

Witnesses:

WM. F. MAASS,
HENRY F. MUER.