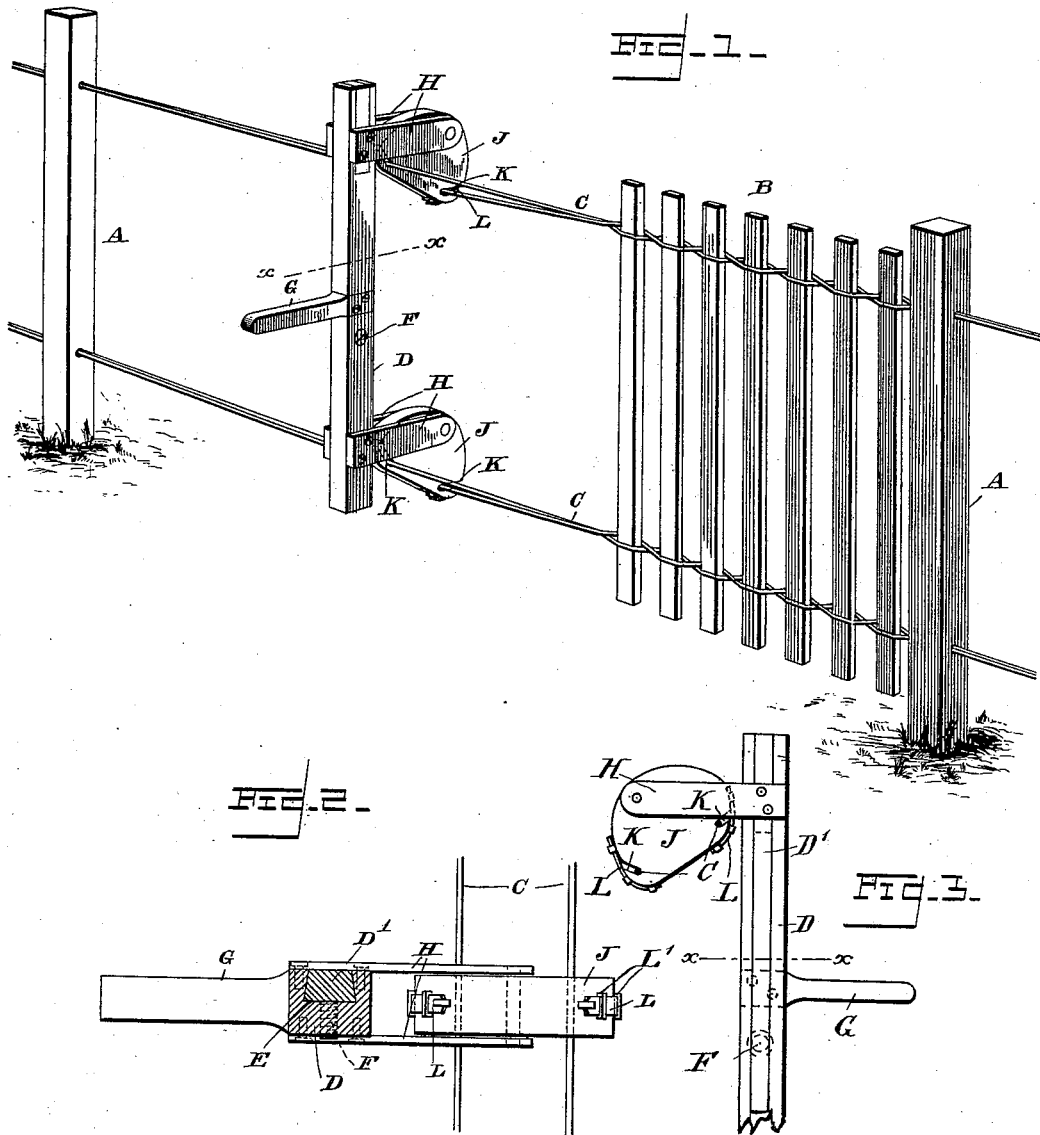


(No Model.)

L. S. AMOS.
WIRE CROSSER.

No. 523,096.

Patented July 17, 1894.



Witnesses.

C. Walton
May 6, 1894.

Lacy S. Amos,

Inventor.

By O. J. Moore
Attorney.

UNITED STATES PATENT OFFICE.

LACY S. AMOS, OF JEWETT, OHIO.

WIRE-CROSSER.

SPECIFICATION forming part of Letters Patent No. 523,096, dated July 17, 1894.

Application filed November 8, 1893. Serial No. 490,332. (No model.)

To all whom it may concern:

Be it known that I, LACY S. AMOS, a citizen of the United States, residing at Jewett, in the county of Harrison and State of Ohio, have invented certain new and useful Improvements in Wire-Twisters; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in devices for twisting or turning or crossing wires in the making of picket fences, and the object of my invention is the provision of a simple, durable and inexpensive device by means of which picket fences can be built quickly and cheaply by any person.

To attain the desired object the invention consists of a wire twisting device embodying novel details of construction and combination of parts substantially as disclosed herein. Figure 1 represents a perspective view of a portion of a fence with my twister in operative position to illustrate the manner of using the device, and Fig. 2 represents a detail view of the device being a sectional view on the line $x-x$ of Figs. 1 and 3. Fig. 3 is a detail view to show clearly the construction of the sectional frame.

Referring by letter to the drawings—A designates the fence posts, B the pickets or strips and C the double strands of fence wire shown as twisted around the pickets and in the position they assume in the twisting device.

The device consists of the frame preferably constructed in two sections D and D', the section D having a slot E to receive the section D' and to hold the sections in any adjusted position I employ the clamping device F, as shown in Figs. 2 and 3. The clamping device consists of a screw which presses against the inner face of section D' to hold it at the proper adjustment in section D. The object in having the sections adjustable is to

permit the device to be used in building picket fences of any desired height, as will be understood.

To one section of the frame is attached a handle G for manipulating the device, and projecting from the frame are the arms H in which are mounted the shield-shaped twisters J, having the inclined grooves K to receive the wires and provided with the retaining devices L to prevent the wires from accidentally leaving the grooves or kerfs K. The said retaining devices consist of a sliding plate guided in keepers L', and the plate is adapted to cover the grooves and is curved to correspond with the curve of the twisters.

The operation or manner of using the device will be readily understood from the drawings and description and needs no statement herein and it will be seen that I provide a simple, durable and inexpensive device which can be manipulated to build picket fences of any desired height in a rapid and perfect manner.

I claim—

1. A wire crossing device, consisting of the frame made in two sections, one having a groove to receive and guide the other, a binding screw for holding the sections at the proper adjustment, arms extending from the frame, shield shape crosses carried by the arms and having grooves or kerfs to receive the wires, and a handle for operating the device.

2. A wire twisting device consisting of the frame made in two sections one having a groove to receive and guide the other whereby the sections are adjustably fitted together, a handle for manipulating the device, arms carried by the frame, and shield-shaped twisters mounted in the arms and having grooves to receive the wires, and devices to secure the wires from accidental detachment.

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

LACY S. AMOS.

Witnesses:

H. B. AMOS,
C. BAKER.