

No. 739,342.

PATENTED SEPT. 22, 1903.

S. W. PEREGRINE.

DEVICE FOR SECURING WIRE FABRIC TO FRAMES.

APPLICATION FILED OCT. 27, 1902.

NO MODEL.

Fig. 1.

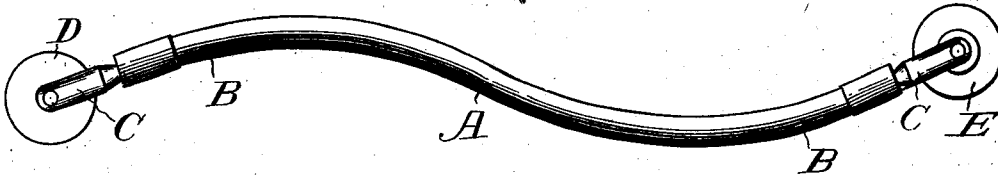


Fig. 2.

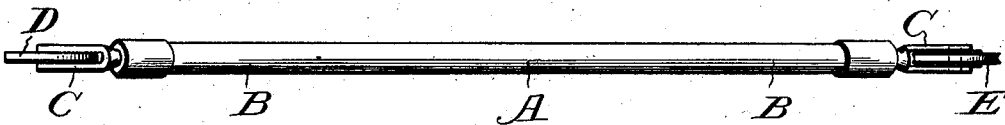
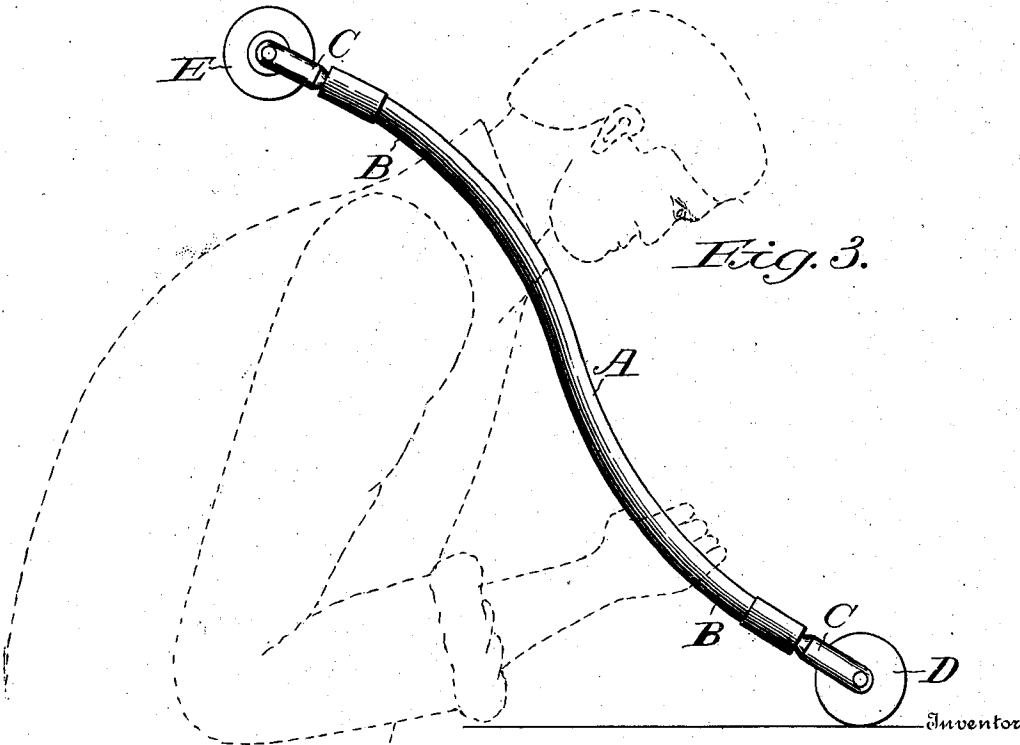


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

SEYMOUR W. PEREGRINE, OF PORTLAND, MAINE, ASSIGNOR TO THE E. T. BURROWES COMPANY, OF PORTLAND, MAINE, A CORPORATION OF MAINE.

DEVICE FOR SECURING WIRE FABRIC TO FRAMES.

SPECIFICATION forming part of Letters Patent No. 739,342, dated September 22, 1903.

Application filed October 27, 1902. Serial No. 128,915. (No model.)

To all whom it may concern:

Be it known that I, SEYMOUR W. PEREGRINE, a citizen of the United States, residing at Portland, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Hand Devices for Securing Wire Fabric to Frames, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to an improved device for securing wire fabric to frames; and it consists in the construction and arrangement of parts presently to be described, and defined in the claims.

The invention is designed more particularly for placing the edges of the fabric into grooves and afterward for forcing the retaining bead-strip into the groove onto the inserted fabric.

The object of the invention is to provide a convenient hand-tool for the purposes above stated.

In the drawings the preferred form of tool is shown; but it is to be understood that the shape can be varied without departing from the invention.

Figure 1 is a side view of the device. Fig. 2 is a view at right angles to that shown in Fig. 1, and Fig. 3 is a view showing the device in use.

A designates a staff or handle, formed conveniently of wood, although other material can be used. This staff is bent into an ogee shape, having parallel portions B offset from each other or located on different planes and at opposite ends. In the ends of the staff are inserted the forked bearings C, in which are mounted wheels or disks D E. The wheel D is formed with a flat or plain periphery, while the wheel E has a grooved periphery. Both wheels are in diameter considerably greater than that of the staff.

In using the device the operator places one end on his shoulder, taking hold of the portion adjacent the opposite end and placing the wheel onto the screen material to be pressed into the groove, then presses the same down firmly until the edge of the screen is well seated into the groove. A bead of wood or other material is then placed in the groove over the inserted screen material. He then reverses the staff, bringing the grooved wheel into position, and presses the bead into the groove.

The grooved wheel embraces the upper surface of the bead, and by rolling the wheel back and forth over the bead it is evenly and positively forced into the groove, locking the screen material in place.

The reversibility of the device is an essential feature, as will be observed, in that a single tool can be readily employed for making the attachment.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A device for securing wire fabric to frames consisting of an ogee staff, a wheel having a plain periphery secured to one end of the staff, and a grooved wheel secured to the opposite end.

2. A device for securing wire fabric to frames consisting of a staff, a wheel having a plain periphery, secured to one end of the staff, and a grooved wheel secured to the opposite end.

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

SEYMOUR W. PEREGRINE.

Witnesses:

FREDERIC W. SHAW,
STEPHEN W. CARLE.