(No Model.)

G. K. JACKSON.

WIRE STRETCHING AND SPLICING DEVICE.

No. 577,754. Patented Feb. 23, 1897.

FIG. 1.

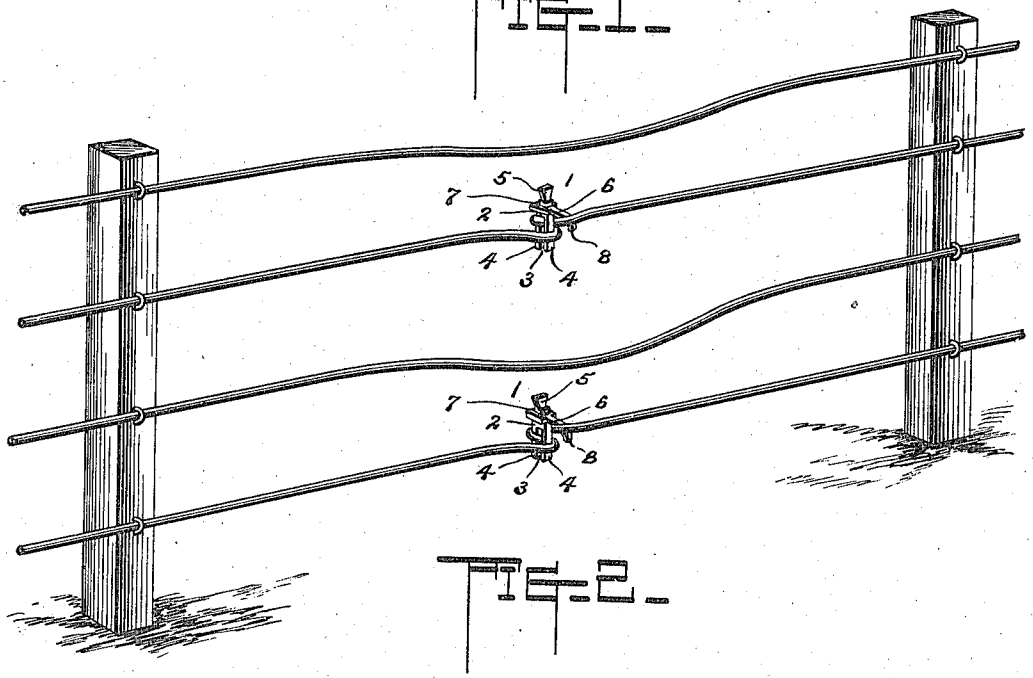


FIG. 2.

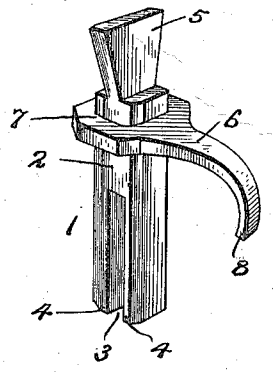


FIG. 3.

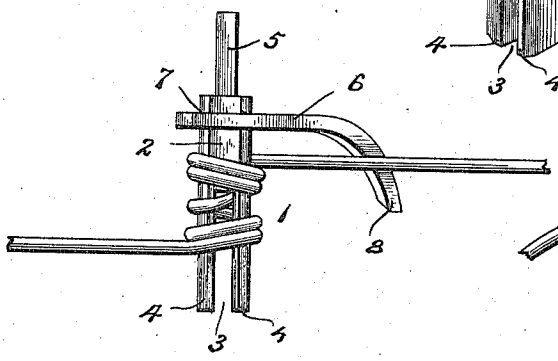
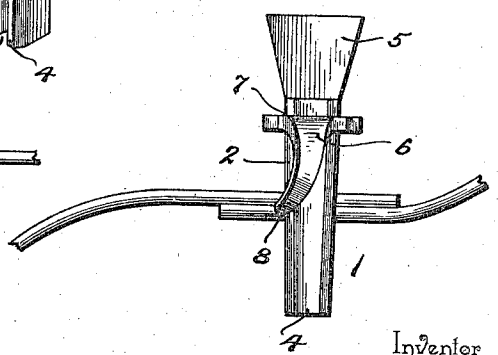


FIG. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE K. JACKSON, OF REECE, KANSAS.

WIRE STRETCHING AND SPLICING DEVICE.

SPECIFICATION forming part of Letters Patent No. 577,754, dated February 23, 1897.

Application filed August 31, 1896. Serial No. 604,494. (No model.)

To all whom it may concern:

Be it known that I, GEORGE K. JACKSON, a citizen of the United States, residing at Reece, in the county of Greenwood and State of Kansas, have invented a new and useful Wire Stretching and Splicing Device, of which the following is a specification.

This invention relates to devices for stretching the wires of fences, &c., where the same become slack from any cause, and for splicing the ends of a broken wire; and the object in view is to provide a simple, cheap, and efficient device which will enable the operations referred to to be accomplished with the greatest possible ease and celerity.

To this end the invention consists in a wire stretching and splicing device embodying certain novel features and details of construction, as hereinafter fully described, illustrated in the drawings, and incorporated in the claim hereto appended.

In the accompanying drawings, Figure 1 is a perspective view showing the improved device applied to a wire fence. Fig. 2 is an enlarged detail perspective view of the device. Fig. 3 shows the device in elevation and engaged with a wire which has been coiled around the same. Fig. 4 is a side elevation of the device, taken at right angles to Fig. 3 and showing the same engaged with the adjacent ends of two pieces of wire which are to be spliced.

Similar numerals of reference designate corresponding parts in the several figures of the drawings.

The improved stretching and splicing device contemplated in the present invention consists in the main of a metal fork 1, the same comprising a main body portion 2, of oblong form, provided in its lower end with a longitudinal open slot 3, the formation of said slot establishing spaced arms or fingers 4, between which the wire to be stretched or the ends of the wires to be spliced are received.

The fork 1 is provided at the end opposite the slot 3 with a head 5, which is wedge-shaped in cross-section, adapting it to be gripped between the jaws of an ordinary claw-hammer, whereby said fork may be turned for twisting a wire around it.

6 designates a curved arm which is provided at its inner end with a widened or expanded portion, having a squared opening 7, adapted to receive the arms 4 or the body portion 2 of the fork, said arms and body portion being correspondingly squared, so as to prevent the arm 6 from turning thereon. The outer projecting end of the arm 6 is curved downward and also deflected to one side, so as to form a curved bill or hook 8, the same being adapted to ride over the wire being stretched or spliced and upon the release of the device to engage under said wire and prevent the same from unwinding further. The arm 6 is removably fitted upon the fork 1, so that it may be inverted, if desired, for engaging either beneath the wire or above the same, which will be found a valuable advantage under certain conditions. For instance, where the wire is light the arm 6 may be placed upon the fork 1 previous to the stretching or splicing operation, but where the wire is quite heavy and not easily deflected by the arm 6 the wire may first be twisted by the fork, and thereafter the arm 6 may be applied to the fork and brought into engagement with the wire.

The fork tapers slightly from the crown to the outer end of its arms, as shown in Fig. 4, to enable the arm 6 to be easily placed thereon, and should the lock-arm fit somewhat loosely when placed on the fork below the wire it will be held in place by the engagement of its hooked end with the wire and the friction between it and the fork caused by the normal tendency of the latter to turn backward.

The application of the device will be readily understood from the drawings, and the operation of the device will, it is thought, be clear without further description.

Having thus described the invention, what is claimed as new is—

The herein-described stretching and splicing device, consisting of a metal fork having a squared body or crown portion, a cross-sectional wedge-shaped head, and spaced arms depending from said body portion, the said fork tapering slightly from its crown to the outer ends of the arms, and a detachable arm slidable on said fork and projecting at sub-

stantially a right angle thereto, said arm having a squared opening to receive said fork and prevent the latter from turning therein, and being shaped at its outer end to form a bill or hook having a compound curve, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEORGE K. JACKSON.

Witnesses:
IRA P. NYE,
ABNER HOWARD.