

(No Model.)

E. MUNGER.
FENCE STAY.

No. 564,570.

Patented July 21, 1896.

Fig. 1.

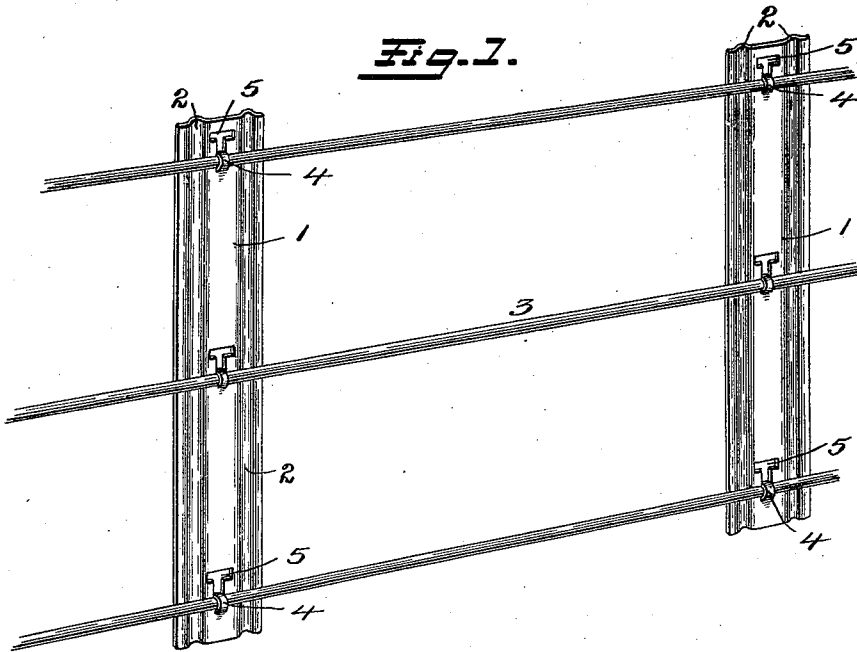


Fig. 2.

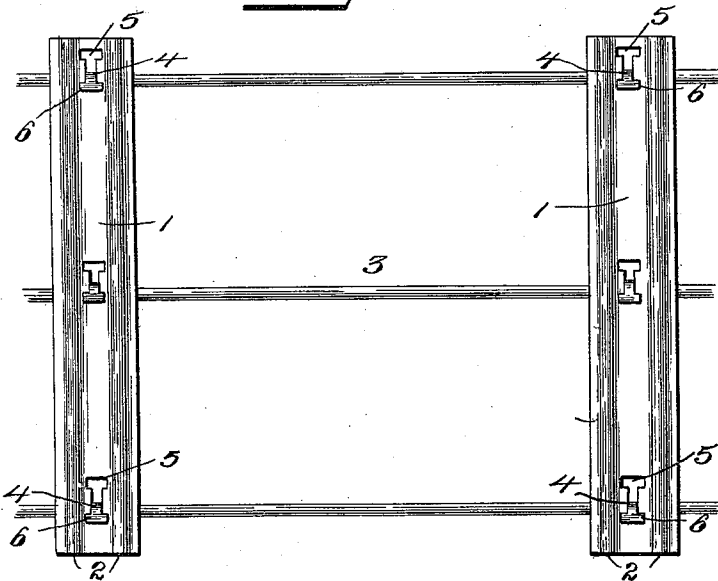
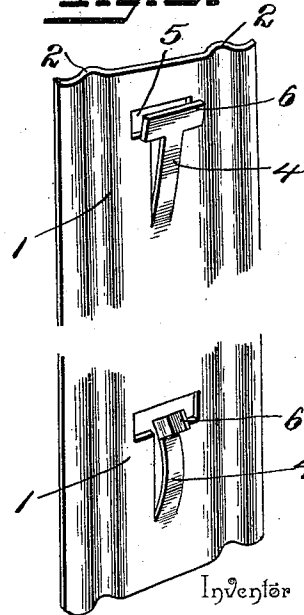


Fig. 3.



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Witnesses

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UNITED STATES PATENT OFFICE.

ENNIS MUNGER, OF CALVERT, TEXAS.

FENCE-STAY.

SPECIFICATION forming part of Letters Patent No. 564,570, dated July 21, 1896.

Application filed June 29, 1895. Serial No. 554,466. (No model.)

To all whom it may concern:

Be it known that I, ENNIS MUNGER, a citizen of the United States, residing at Calvert, in the county of Robertson and State of Texas, have invented a new and useful Fence-Stay, of which the following is a specification.

The invention relates to improvements in fence-stays.

The object of the present invention is to improve the construction of fence-stays and to provide a simple and inexpensive one which may be readily applied in a secure manner to horizontal fence-wires.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a portion of a fence provided with stays constructed in accordance with this invention. Fig. 2 is an elevation showing the opposite side of the fence. Fig. 3 is a perspective view of a portion of a stay, illustrating the tongues directly after their formation, and also arranged to be passed through the opening resulting from their formation.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a fence-stay, constructed of sheet metal, and provided adjacent to its side edges with longitudinal corrugations 2 to impart to the stay the necessary stiffness. The stay is secured to horizontal fence-wires 3 by means of T-shaped tongues 4, and may be arranged at any desired interval, and the number of the fence-wires may be varied, as desired.

Each T-shaped tongue 4 is struck up out of the metal of the stay, and a T-shaped opening 5 results from such operation. The shank or vertical portion of the T-shaped tongue is bowed outward sufficiently to receive a fence-wire, and the laterally-extending arms 6 are rectangular and are bent outward parallel with each other, as clearly illustrated in Fig. 3 of the accompanying drawings, to enable the tongue, which is shortened slightly by the outward bending or bowing for the reception of the fence-wire, to be passed rearward through the narrow vertical portion of the

T-shaped opening to arrange the transverse arms of the tongue on the rear face of the stay. After the tongue has been passed through the opening the arms 6 are straightened, and are bent against the rear face of the stay, and span the vertical portion of the opening, as illustrated in Fig. 2 of the accompanying drawings.

After the arms have been straightened and extended transversely of the vertical portion of the opening the fence-wire is securely confined in the bowed portion or loop of the shank of the tongue, as it is impossible for the laterally-extending arms to pass through the contracted portion of the opening 5, and the outward bending of the shank to form the loop shortens the tongue sufficiently to prevent the laterally-extending arms from reaching the transverse portion of the opening and passing therethrough. When it is desired to remove the stay in taking down a fence or the like, the arms may be readily bent parallel and then passed through the contracted portion of the T-shaped opening.

It will be seen that the stay is exceedingly simple and inexpensive in construction, that any number of tongues may be provided to suit the number of longitudinal fence-wires employed, and that the tongues enable the stay to be quickly fastened to the fence-wires in a secure manner, and will permit the stay to be readily removed when desired.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention, such as arranging the tongues and the openings so as to bend the former over or under the fence-wires.

What I claim is—

A fence-stay constructed of sheet metal corrugated longitudinally at its side edges and provided at the flat intermediate portion between the opposite corrugations with integral T-shaped tongues 4, and having similar-shaped openings resulting from the formation of the tongues, said tongues having their shanks bowed outward to form wire-receiving loops and being shortened thereby, the arms 6 of the tongues being rectangular and being adapted to be bent outward parallel and to be passed through the contracted por-

tion of the T-shaped opening, and straight-
ened out against the back of the stay and
spanning the contracted portion of the T-
shaped opening and securely locking the wire
5 within the bowed portion, substantially as
described.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in
the presence of two witnesses.

ENNIS MUNGER.

Witnesses:

C. P. JONES,
D. F. BAYLES.