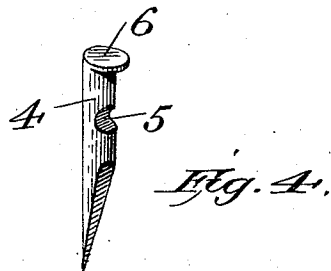
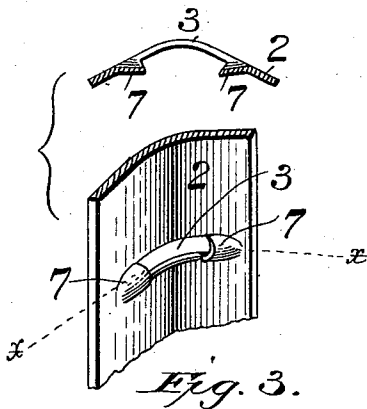
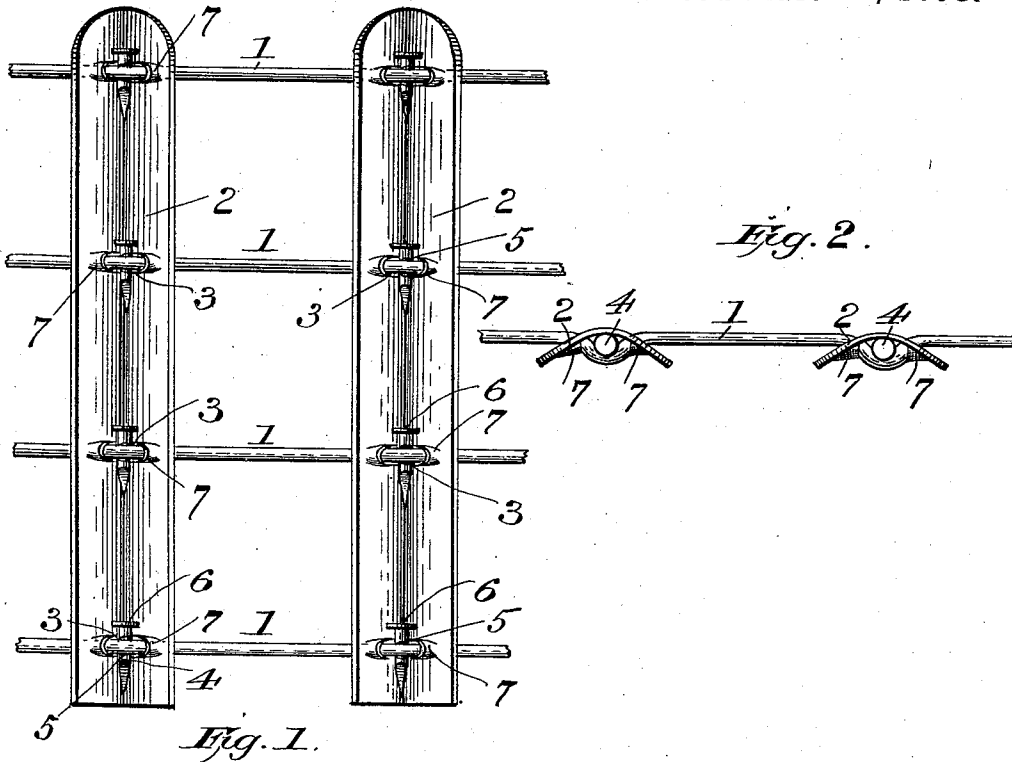


(No Model.)

M. H. BAER.
METALLIC STAY FOR WIRE FENCES.

No. 536,060.

Patented Mar. 19, 1895.



WITNESSES:
L. L. Ouraud.
J. L. Leomib

INVENTOR:
Martin H. Baer,
By Louis Bagge & Co
Attorneys.

UNITED STATES PATENT OFFICE.

MARTIN H. BAER, OF HAGERSTOWN, MARYLAND.

METALLIC STAY FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 536,060, dated March 19, 1895.

Application filed May 7, 1894. Serial No. 510,357. (No model.)

To all whom it may concern:

Be it known that I, MARTIN H. BAER, a citizen of the United States, and a resident of Hagerstown, in the county of Washington and State of Maryland, have invented certain new and useful Improvements in Metallic Stays for Wire Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in metallic stays for wire fences, and its object is to provide an improved construction of the same, whereby they may be held securely in place without liability of becoming accidentally disengaged from the wires, yet at the same time be readily removed when desired.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings: Figure 1 is a side elevation showing a portion of a wire fence constructed in accordance with my invention. Fig. 2 is a plan view of the same. Fig. 3 is a detail perspective view, showing a portion of one of the stays. Fig. 4 is a perspective view of one of the wedges or pins for holding the stays in engagement with the wires.

In the said drawings, the reference-numeral 1 designates the wires and 2 the stays. These stays are made of metal and are concavo-convex or approximately semicircular in cross section. These stays are formed with a number of horizontal slots 3 in which the wires rest.

The numeral 4 designates the securing pins or wedges, which may be made either tapering or wedge-shaped and are formed on one side with a groove 5. They are also formed with a head 6, on one side, to prevent them falling out.

The slots 3 are formed by punching the metal out of the stays by suitable dies or

formers which are so constructed that metal at the ends of the slots is forced outwardly forming curved pockets 7 in which the wires at each side of the bends therein are seated.

The manner of constructing a fence according to my invention, is as follows: The stays are set in the ground at suitable intervals apart and the wires strung as usual, being seated in the pockets, without bending at such points and projecting through the slots. The pins are now driven between the wires and the concave side of the stays, bending them outwardly. The bends will engage with the offsets in the pins and will be seated in the pockets 7, so as to securely hold the stays in place. The side of the pin at the upper end, opposite the head 6, is made flush with the remaining portion so that the pin will lie closely against the stay.

From the above it will be seen that the stay is thus securely held in place and the bends of the wires engaging with the offsets in the pins, prevent accidental disengagement of the latter; yet the pins can be readily removed when desired by driving them in the opposite direction.

Having thus fully described my invention, what I claim is—

The combination, in a metallic fence of the described type, of the concavo-convex stay having a series of horizontal slots and pockets or recesses at each end and in alignment with said slots, the fence wires fitting in said pockets and projecting through the slots, and the pins or wedges having a groove and a head on one side, said pins being driven between the stay and wires forming bends which engage with said grooves, substantially as described.

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

MARTIN H. BAER.

Witnesses:

ALLEN YINGLING,
F. S. MIDDLEKAUFF.