

G. P. RIDER.
WIRE FENCING.
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925,229.

Patented June 15, 1909.

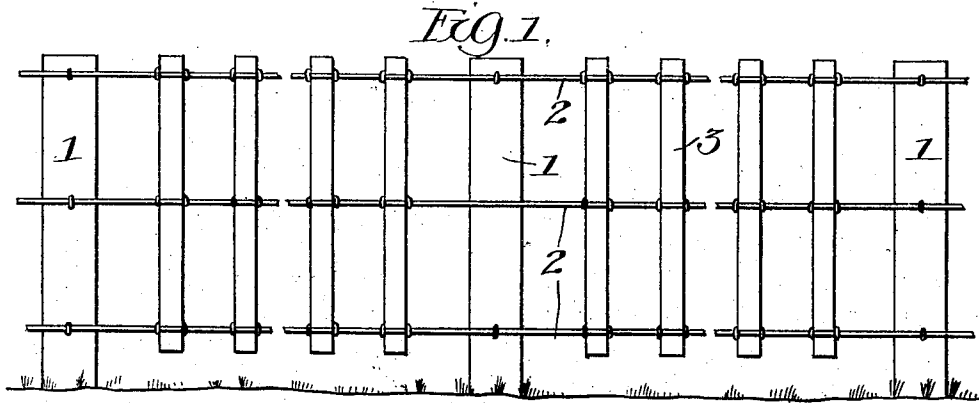


Fig. 2.

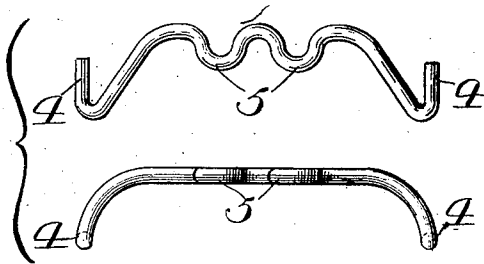
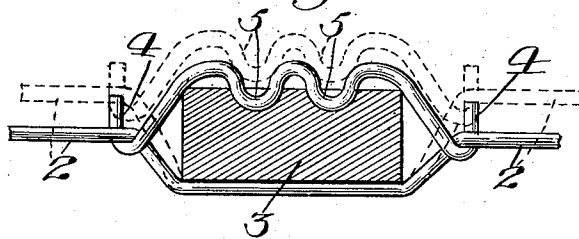


Fig. 3.



Witnesses:
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by

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UNITED STATES PATENT OFFICE.

GEORGE P. RIDER, OF CHICAGO, ILLINOIS.

WIRE FENCING.

No. 925,229.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed December 14, 1908. Serial No. 467,365.

To all whom it may concern:

Be it known that I, GEORGE P. RIDER, a citizen of the United States, residing at the city of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Wire Fencing, of which the following is a specification.

My invention relates to wire fencing in which the longitudinal wires are provided between the posts with transverse spacing stays.

More specifically it relates to that class of fencing in which the stays consist of wooden strips which are applied after the longitudinal wires are attached to the posts. Such fencing is usually constructed with longitudinal wires or strands which are elastic in character, either of the "coiled" or "deflected" type. In either case a spring tension is provided by which the fence adapts itself to changes of temperature and which provides a latitude of movement during the process of applying the stays, as hereinafter described. The expansion and contraction arising from the changes of temperature and from mechanical manipulation are absorbed by the spring of such longitudinal wires. The fastenings which have heretofore been used to secure the wooden stay strips or pickets to the main wires have been either insecure or inflexible and non-elastic.

It is the object of my invention to provide a fastening means which is secure and cheap, which is adapted to conform itself to irregular and varying shapes of stay slats or pickets, which will have longitudinal elasticity in relation to the main wires, and which is so constructed that it, or parts of it, may engage within the material of the pickets and give a secure hold thereon.

The principles of my invention are illustrated in the drawings, in which—

Figure 1 is a front elevation of a fence of the character described; Fig. 2 shows one embodiment of my invention. Fig. 3 represents the same in place and the method of applying it.

Further describing my invention: 1—1

are posts on which are stretched and stapled the main wires 2—2. The stay slats 3 are applied thereto one by one by placing them in position on one side of the main wires. One of the latter is then seized by a tool provided with devices which span the slat and draw the wire to the position indicated by the dotted lines shown in Fig. 3. The hooked ends 4 of my improved clamp are then placed over the said wire on either side of the picket, as also indicated in Fig. 3. The wire is then released and the tension thereof draws the clamp into close contact with the picket and sinks the projections 5, which face the picket, more or less deeply into the material thereof. The same operation, which is very quickly performed, is then repeated with the remaining wires until the picket is securely attached to all of them. The next picket is then applied and secured in the same manner, and this is continued until the fence is complete. The clip shown in Fig. 2 is capable of considerable extension, in addition to its elastic qualities, to accommodate different sizes of stay strips, and other forms of construction will readily suggest themselves which will still be within the scope and spirit of this invention.

I claim:

In a wire fence having horizontal wires and vertical stay slats or pickets of yielding material; the combination therewith of a stay loop having ends adapted to engage a horizontal wire, the body portion thereof being deformed to provide an integral inwardly facing projection advanced from the body portion of the loop and adapted to be embedded in a picket before the adjacent parts of the body portion engage therewith.

In witness whereof, I have hereunto set my hand, this 12th day of December A. D. 1908, in the presence of two subscribing witnesses.

GEORGE P. RIDER.

Witnesses:

C. K. CHAMBELAIN,
A. S. PHILLIPS.