

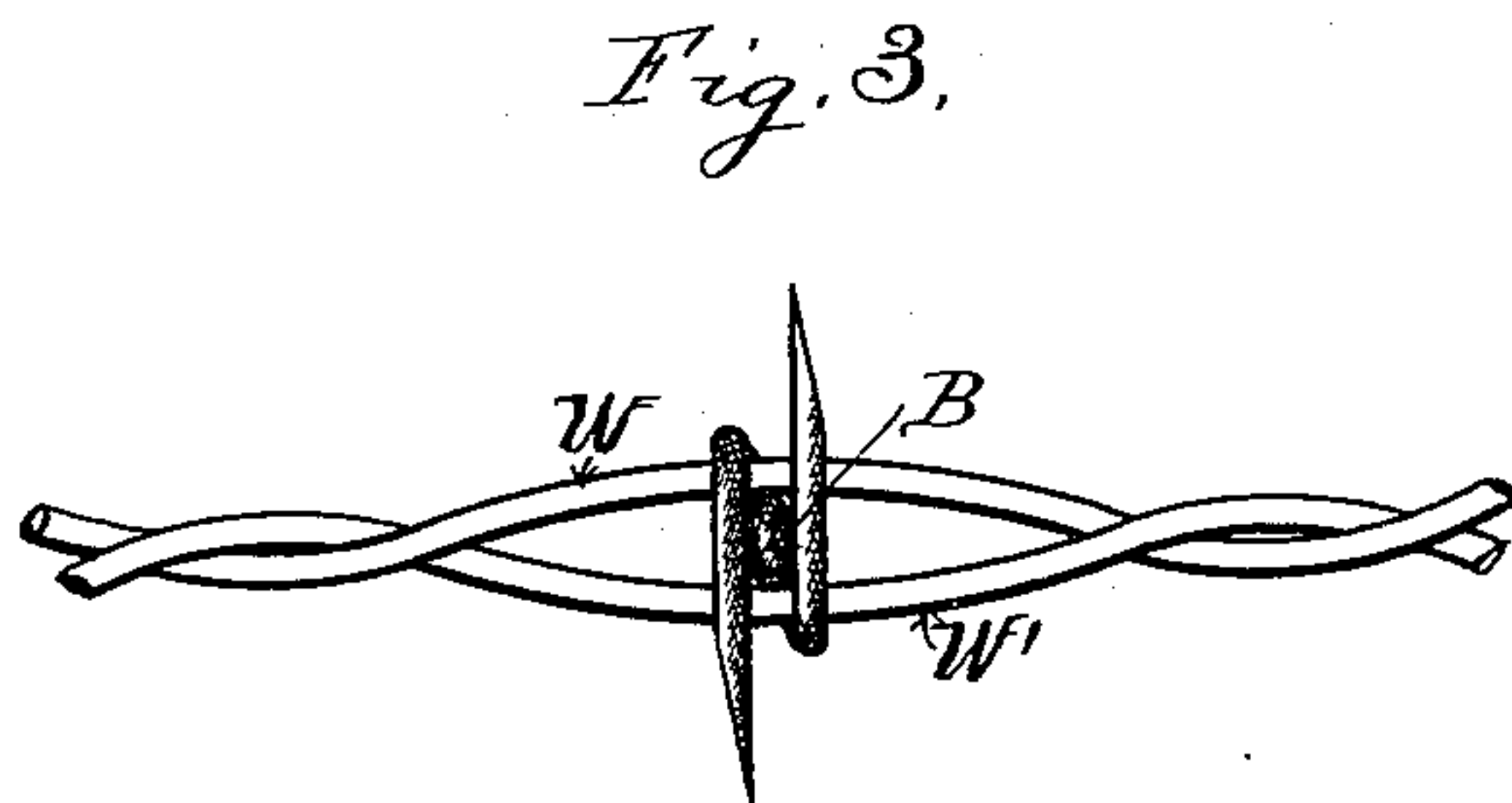
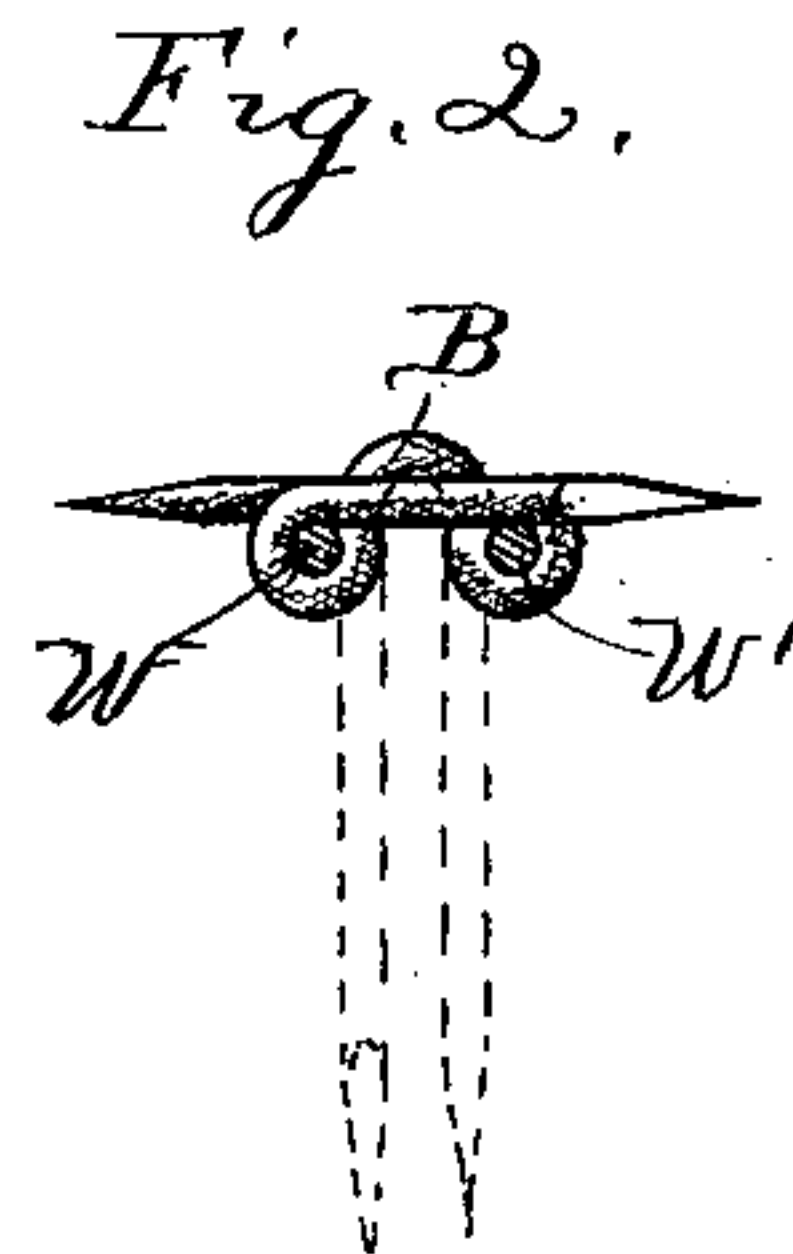
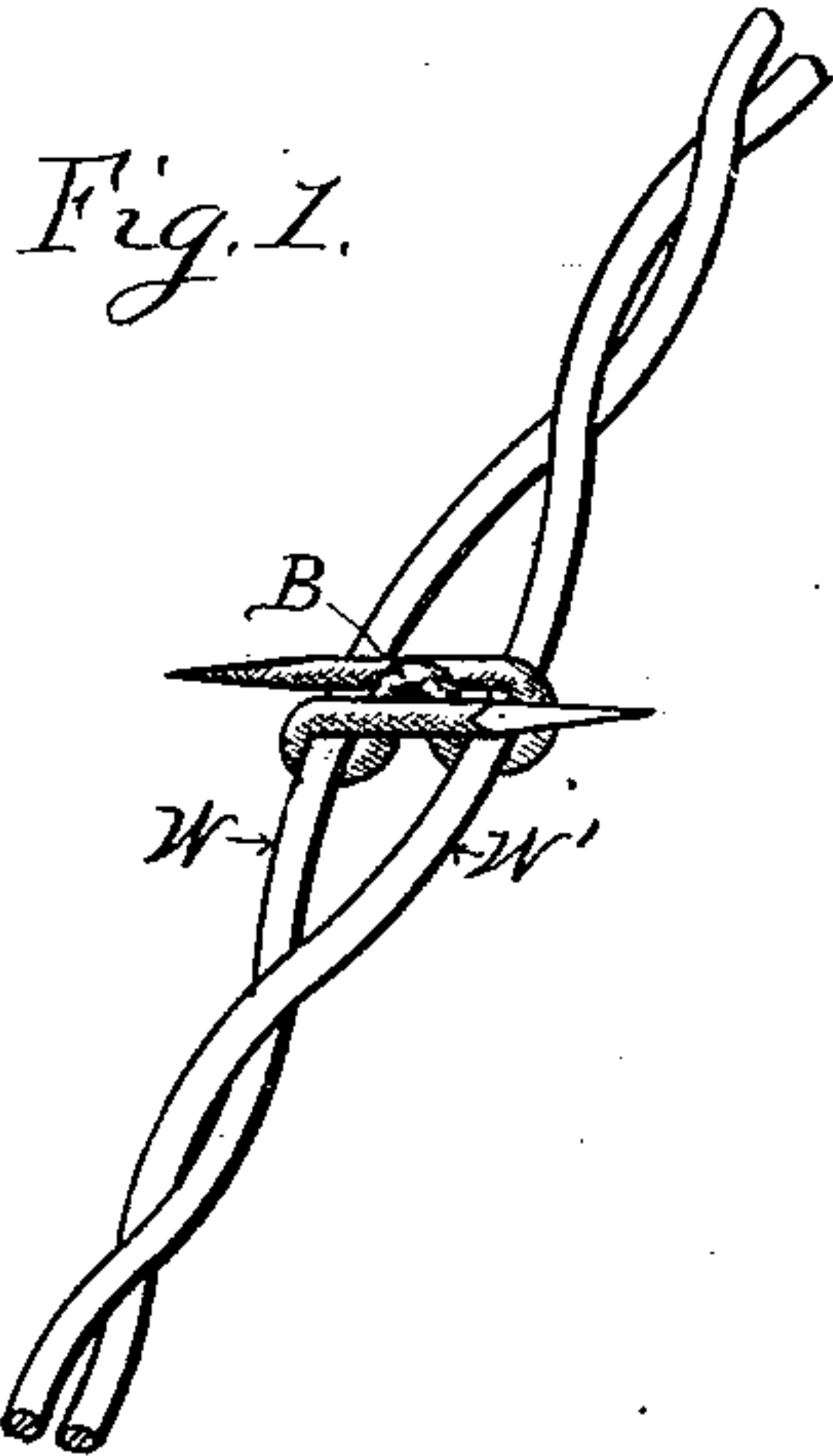
(No Model.)

H. B. SCUTT.

BARBED WIRE.

No. 332,755.

Patented Dec. 22, 1885.



Witnesses,

John H. Hutchins,  
W. J. Hutchins.

Inventor.

William B. Scutt.

# UNITED STATES PATENT OFFICE.

HIRAM B. SCUTT, OF JOLIET, ILLINOIS.

## BARBED WIRE.

SPECIFICATION forming part of Letters Patent No. 332,755, dated December 22, 1885.

Application filed September 14, 1885. Serial No. 177,009. (No model.)

*To all whom it may concern:*

Be it known that I, HIRAM B. SCUTT, a citizen of the United States of America, residing at Joliet, in the county of Will and State of Illinois, have invented certain new and useful Improvements in Barbed Wire for Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

Figure 1 is a perspective view of a section of the two-strand wires showing the barb formed from a short piece of pointed wire applied thereto. Fig. 2 is a side view of the barb and a cross-sectional view of the two-strand wires on a line adjacent to the barb, and Fig. 3 is a plan view showing the barb applied to the strand-wires.

This invention relates to certain improvements in barbed wire for fences in that class wherein the barbs are formed from short pieces of pointed wire applied to a pair of cabled strand-wires, and the particular improvement I have made is fully set forth in the following specification and claim.

Referring to the said drawings, W W' represent a pair of ordinary fence-wires designed to be cabled together, as shown particularly in Fig. 1. The barb is formed from a short piece of pointed wire, and when it is first applied to the strand-wires is centrally bent in the form of a staple, as is shown by the dotted lines in Fig. 2, the body B of which is presented between the strand-wires, as shown in Figs. 1 and 3, so it will be transverse to the strand-wires, and its plane be at right angles with them, so it will yieldingly hold apart the strand-wires at the place where the barb is applied by means of said central bend, which forms a U-shaped spring between them for the purpose of giving the cabled strand-wires greater elasticity than they ordinarily have where the barb is coiled directly on them, or

where they are cabled directly on the rigid body of the barb of any kind.

It is found by actual experience that strand-wires in order to become serviceable after having been in use for a time and become rusted, must be given more elasticity than is given simply by cabling them together, in order to lengthen their period of durability.

The elasticity developed by means of the spring in the number of barbs that could naturally be used in a length of forty to one hundred rods will be sufficient to give the strand-wires of that length considerable elasticity and of a kind that is not lost by a strain or tension on the strand-wires, thereby preventing them from being easily broken, and very materially lengthening the term of their durability.

I am aware of the prior use of barbs for this purpose having a central bend placed flatwise between the strand-wires, but not transversely, as shown, and not forming a yielding support for the strand-wires. Such construction I do not claim.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows, to wit:

In combination with the strand-wires W W', a barb formed from a short piece of pointed wire having its body part bent U-shaped and placed transversely between said strand-wires to form a spring to yieldingly support and hold said wires apart, and having its prods bent back upon and about said strand-wires in opposite directions, one on either side of said U-shaped spring-body part, and arranged to present two oppositely-projecting prods, as and for the purpose set forth.

HIRAM B. SCUTT.

Witnesses:

THOS. H. HUTCHINS,  
WM. J. HUTCHINS.