

(No Model.)

A. J. UPHAM.
BARBED WIRE.

No. 286,507.

Patented Oct. 9, 1883.

Fig. 1.

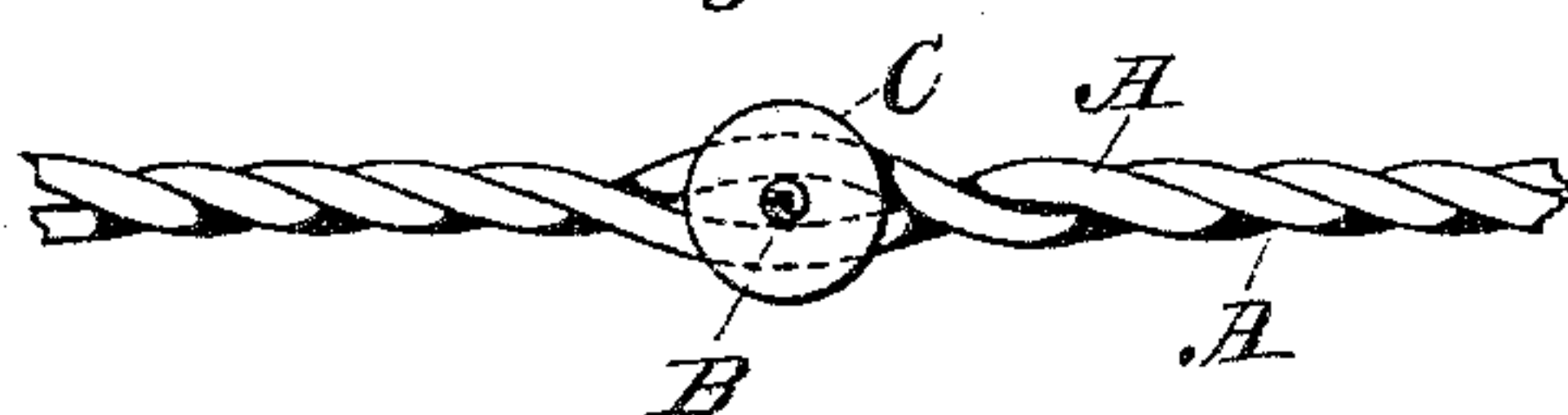


Fig. 2.

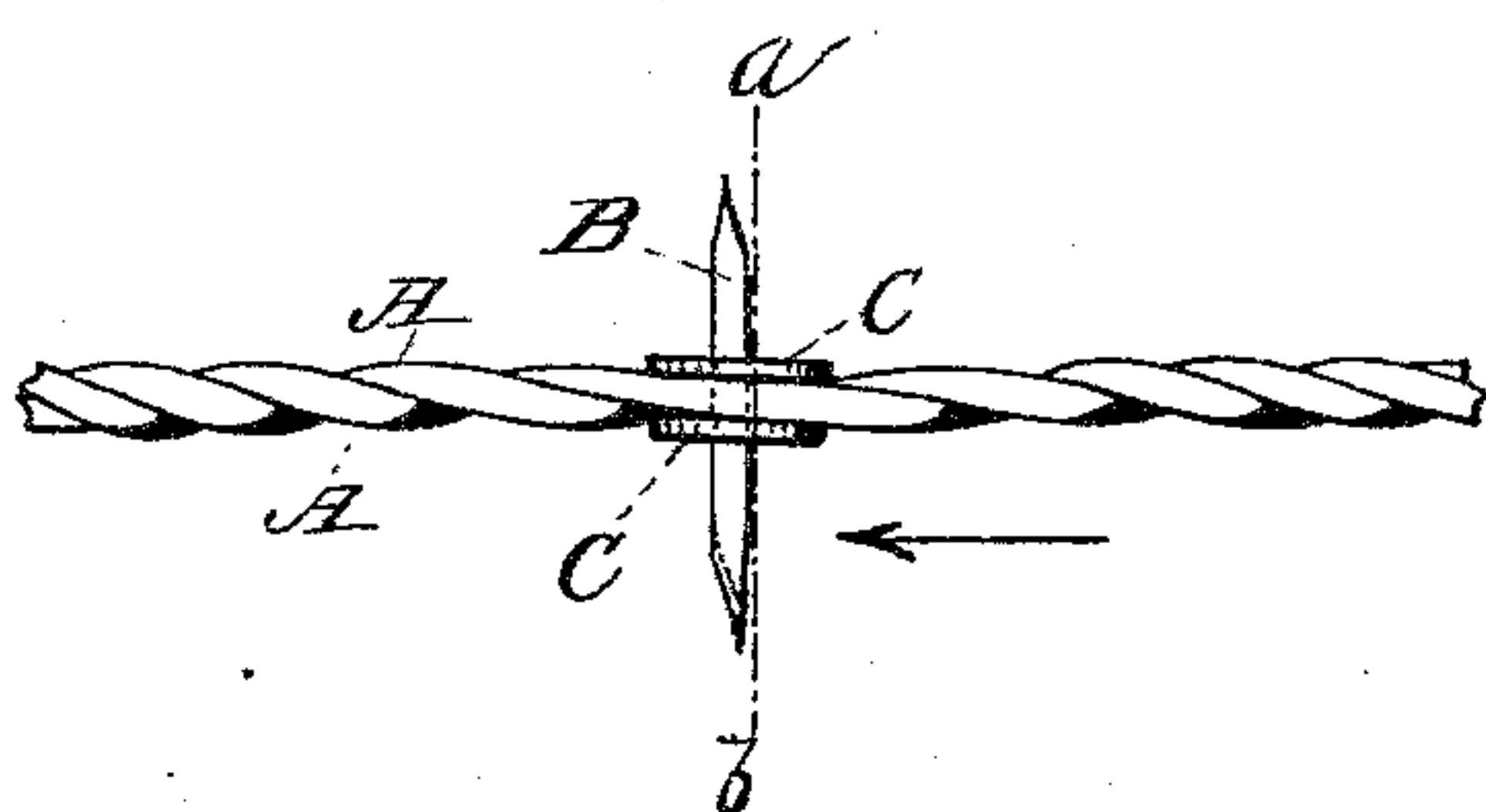
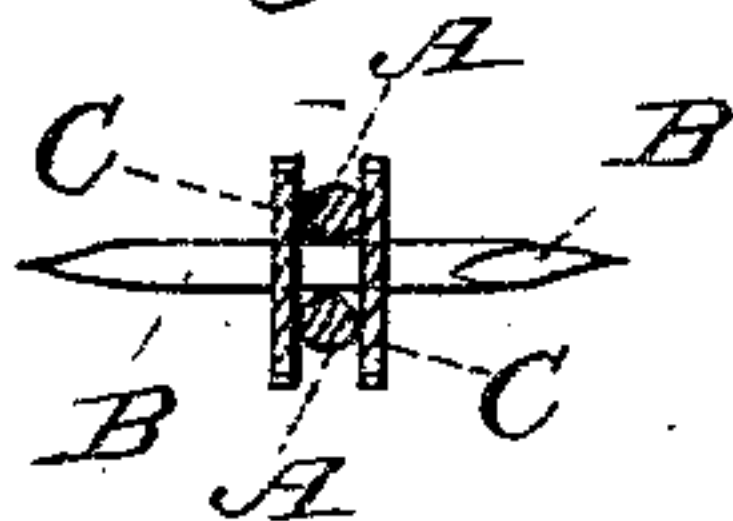


Fig. 3.



Witnesses,
John B. Thaler
Wm. Graham

Inventor;
Andrew J. Upham

UNITED STATES PATENT OFFICE.

ANDREW J. UPHAM, OF STERLING, ILLINOIS, ASSIGNOR TO THE WASHBURN & MOEN MANUFACTURING COMPANY, OF WORCESTER, MASSACHUSETTS, AND ISAAC L. ELLWOOD, OF DE KALB, ILLINOIS.

BARBED WIRE.

SPECIFICATION forming part of Letters Patent No. 286,507, dated October 9, 1883.

Application filed July 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. UPHAM, of Sterling, county of Whiteside, and State of Illinois, have invented certain new and useful
5 Improvements in Barbed Wire; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in
10 which—

Figure 1 represents a side view of a section of barbed wire containing my said improvements. Fig. 2 represents a top view of the parts shown in Fig. 1; and Fig. 3 represents
15 a section on line *a b*, Fig. 2, looking in the direction of the arrow, same figure.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.
20

The nature of my invention consists in the combination, with two main fence-wires, of a barb and a holding ring or rings, plate or plates, as will be hereinafter more fully described.
25

In the drawings, the parts marked *A A* are the main wires, cabled or twisted together; *B*, the barb, and *C C* the holding plates or rings. In this instance the barb is straight, and after
30 being run through between the main wires has a ring, plate, or washer forced over each end and pressed up against the sides of the

main wires, as indicated in the drawings. The holes in the rings or washers *C* are made somewhat smaller than the body of the barb. 35 Consequently when they are forced over the points of the barb they hug the barb and hold it securely in position, preventing all longitudinal or lateral movement thereof. I prefer the construction shown; but if, desired, one 40 end of the barb *B* might be bent up and the other down, and, if they were so bent, a very good fence could be made with the ring or washer on only one end of the barb, which would serve to steady it and keep it from moving laterally, the bend in the barb-wire preventing it from slipping out. 45

In the manufacture of the wire I prefer to apply the barbs between the wires and have the rings or washers inserted and forced thereon, as the wires are drawn through some device to keep them from twisting, to prevent the insertion of the barb *B*. 50

What I claim as my invention, and desire to secure by Letters Patent, is— 55

As an improved article of manufacture, cabled barbed wire consisting of the twisted strands *A A*, barb *B*, and holding rings, plates, or washers *C C*, substantially as and for the purposes set forth.

ANDREW J. UPHAM.

Witnesses:

JOHN B. WHALEN,
WM. GRAHAM.