

(No Model.)

S. F. MOUCK.
BARBED WIRE.

No. 507,088.

Patented Oct. 17, 1893.

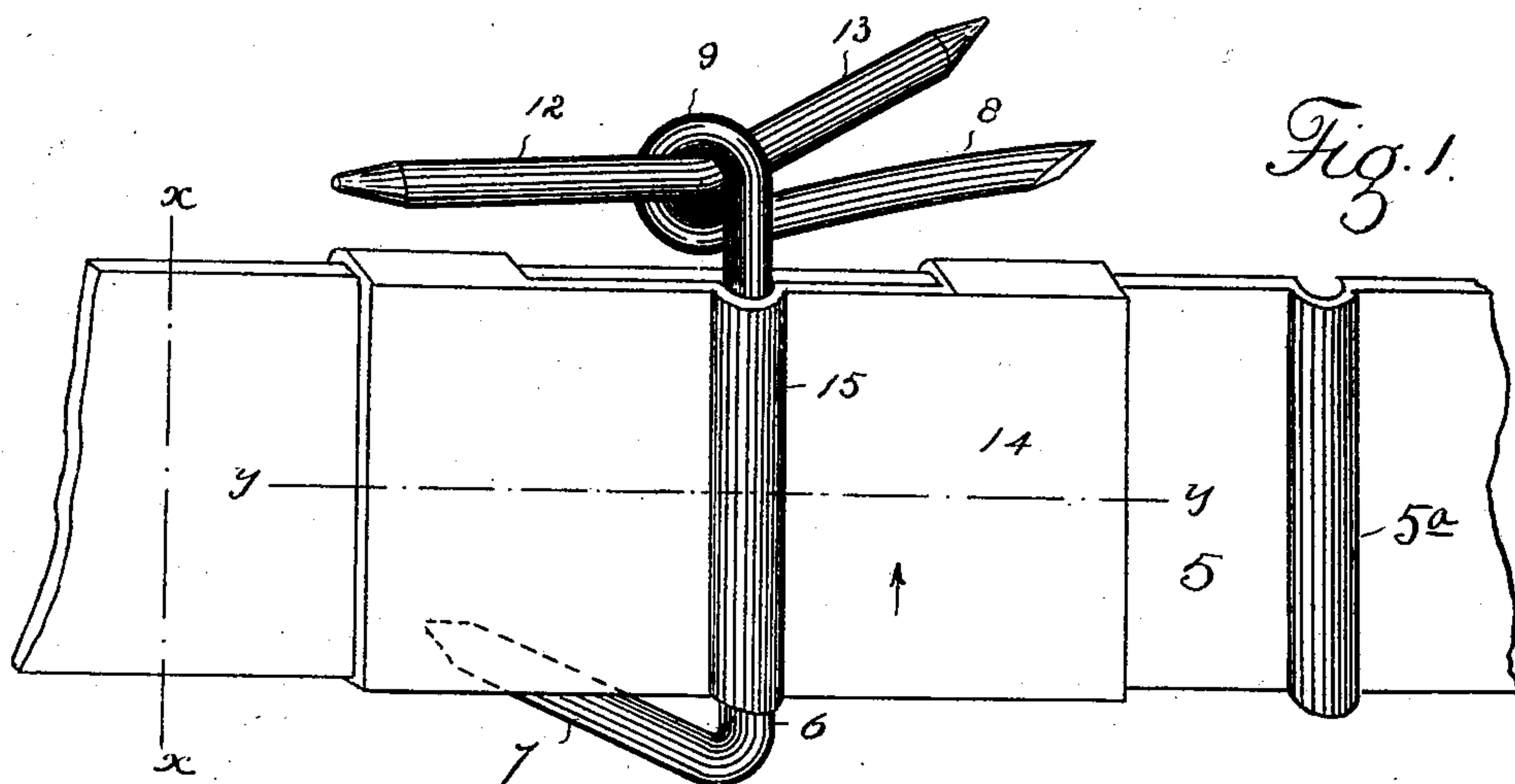


Fig. 1.

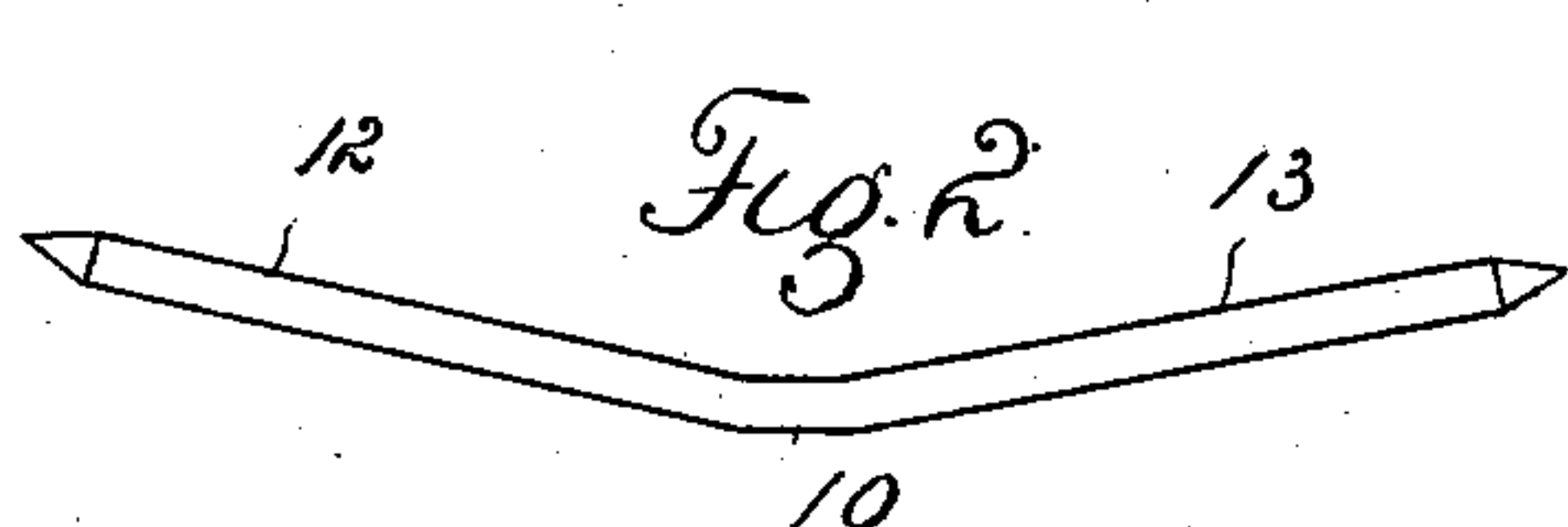


Fig. 2.

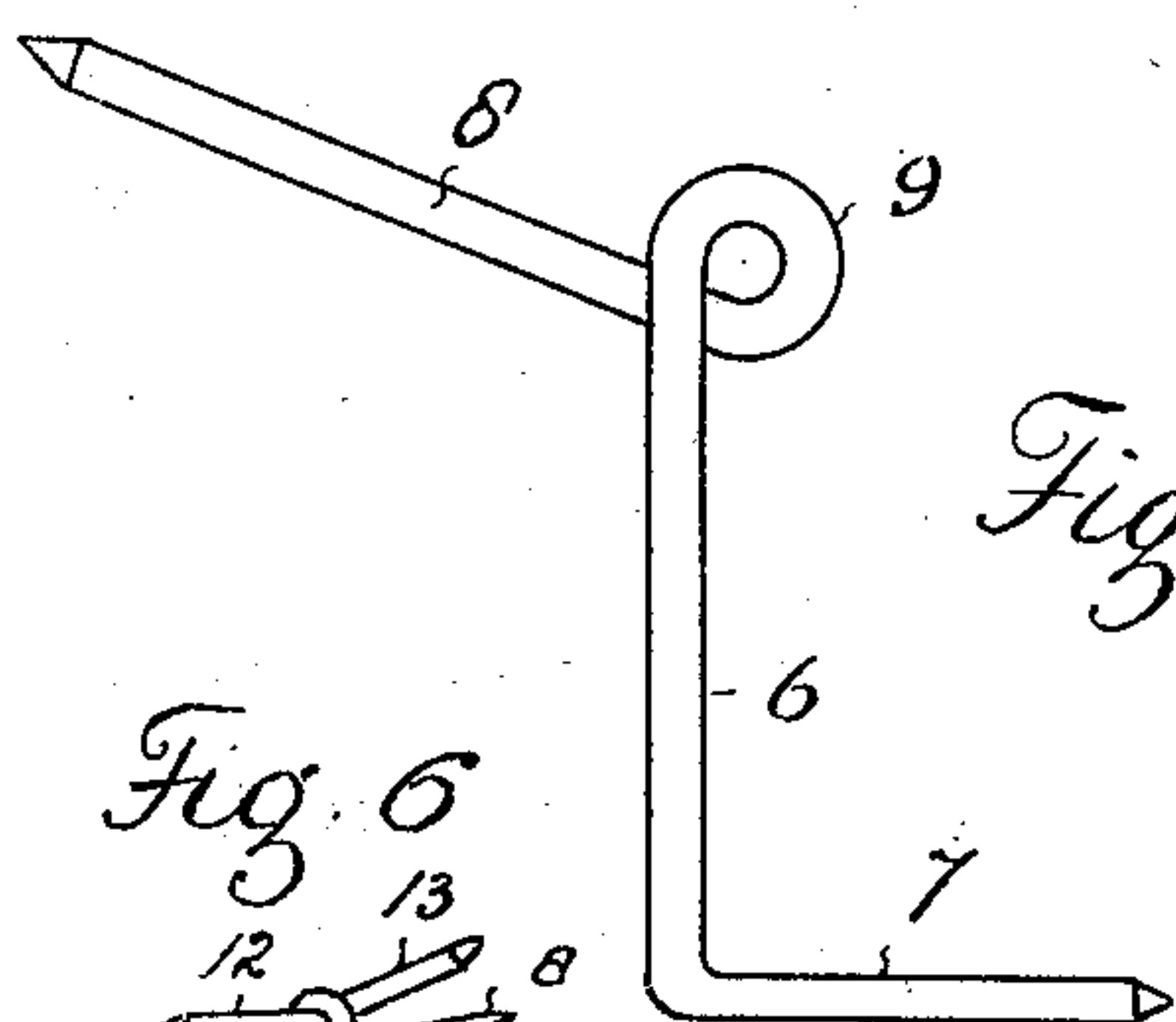


Fig. 3.

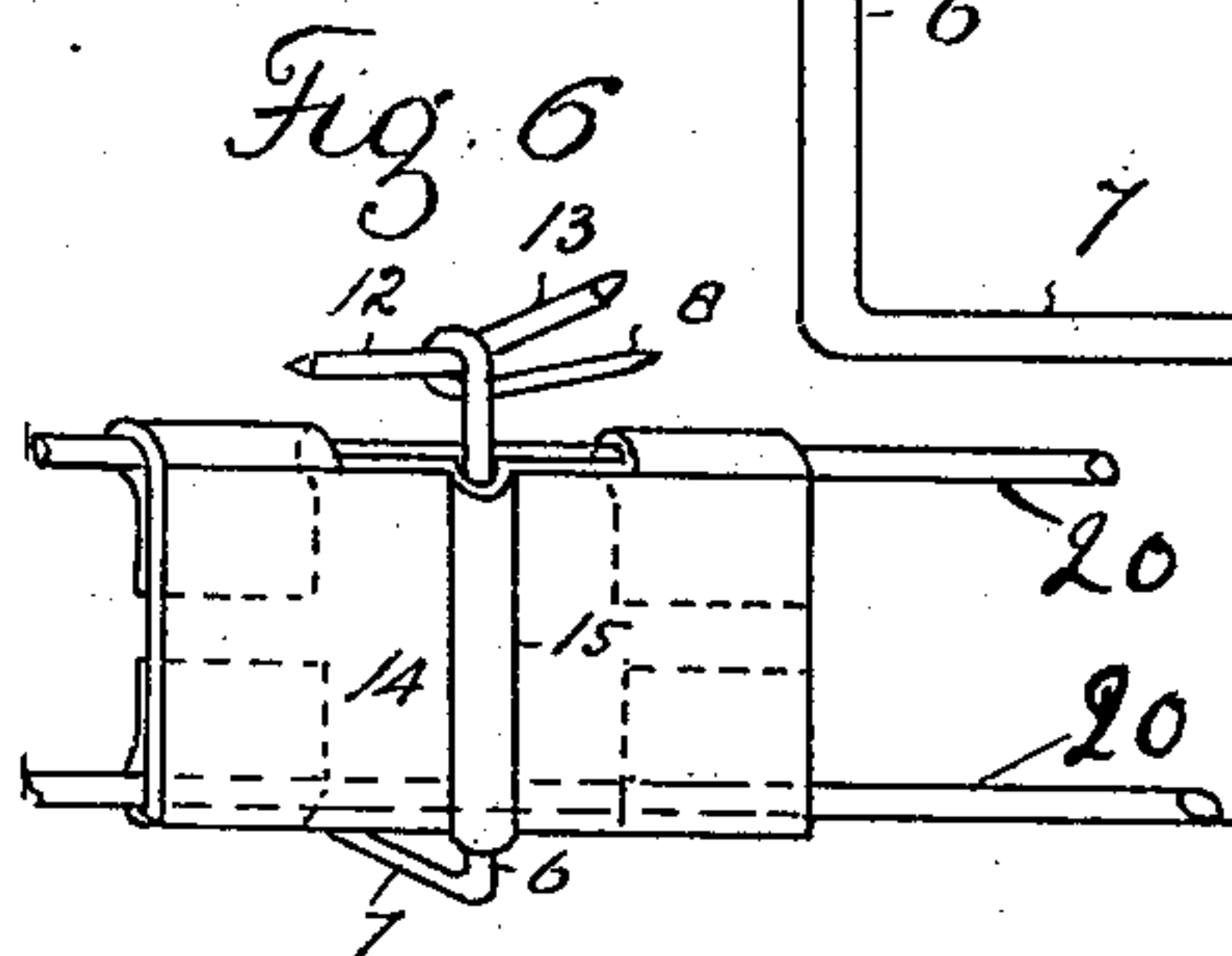


Fig. 6.

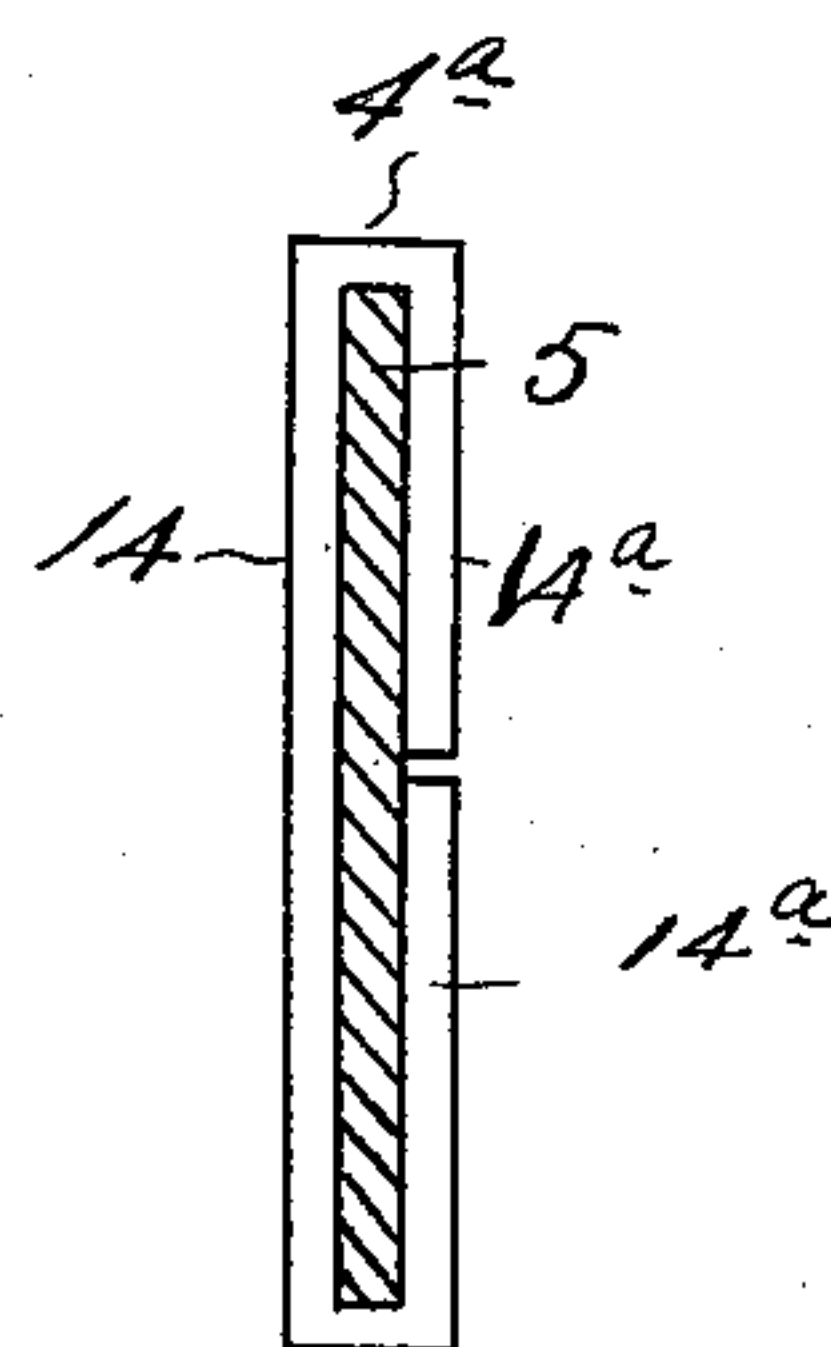


Fig. 4.

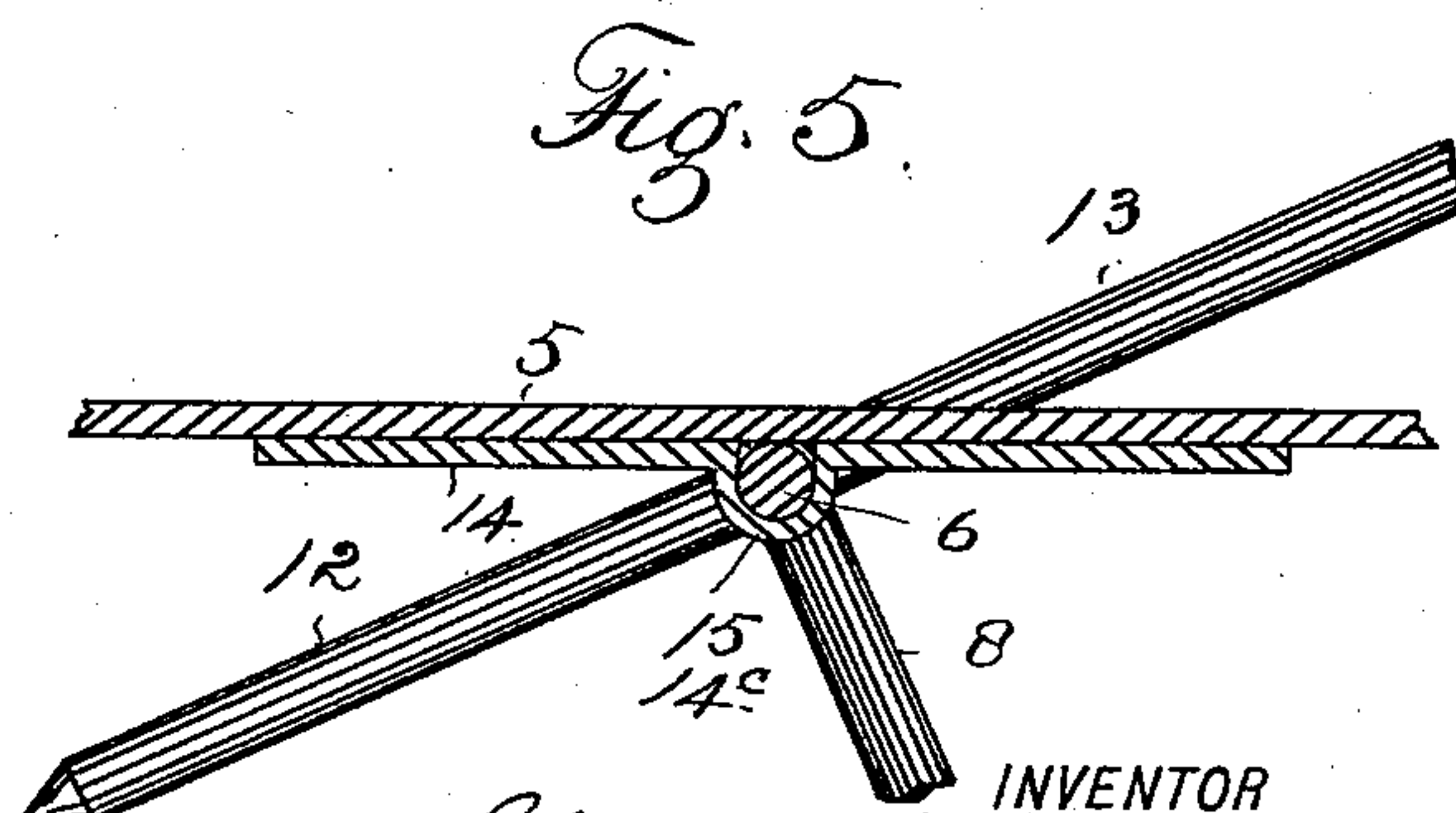


Fig. 5.

WITNESSES:

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BARBED WIRE.

SPECIFICATION forming part of Letters Patent No. 507,088, dated October 17, 1893.

Application filed January 3, 1893. Serial No. 457,004. (No model.)

To all whom it may concern:

Be it known that I, SOLOMON F. MOUCK, a citizen of the United States of America, residing at Denver, in the county of Arapahoe and State of Colorado, have invented certain new and useful Improvements in Barbed Wire; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in barbed wire for fence use and the object of the improvement is to provide an article of manufacture of this class which shall be of simple and economical construction and reliable, durable and efficient in use.

To this end the invention consists in the features hereinafter described and claimed, all of which will be fully understood by reference to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a perspective view of my improvement. Figs. 2 and 3 show the two parts of the barb in detail. Fig. 4 is a section taken through the wire on the line $x-x$, Fig. 1, the barb-holding clasp being shown in elevation. Fig. 5 is a section taken on the line $y-y$, Fig. 1, the barbs on one end of the axle being shown in elevation. Fig. 6 illustrates a modified form of construction.

Similar reference characters indicating corresponding parts or elements of the mechanism in the several views let the numeral 5 designate the wire which is shown flat and more properly speaking consists of a ribbon of steel, though in this application I do not limit myself to this construction of wire or ribbon, neither do I claim the same broadly. To this ribbon is movably clasped or otherwise suitably secured the axle of the barb. This bar b consists of two parts; one of these parts is composed of the spindle or axle 6, terminating at one extremity in the projection 7, bent to form a suitable angle with the axle; the axle terminates at its opposite extremity in a similar projection 8, which, how-

ever, is formed into an eye 9 to receive another piece of wire 10 which it grasps tightly; wire 10 is composed of two projections 12 and 13 extending from its bearing in the eye. The projections 12 and 13, as shown in the drawings, lie approximately in the same vertical plane and approximately at right angles to the projections 7 and 8 which extend in opposite directions. The barb is adapted to rotate freely with the axle and is retained in place by a clasp 14 which is bent outwardly to form a journal or bearing 15 therefor. The extremities of the clasp on either side of the bearing are provided with retaining clips 14^a which are bent down upon the surface of the ribbon opposite from the bearing 15. I do not, however, wish to limit myself to this particular barb-holder, as any other suitable means may be employed for retaining the barb rotatably in place upon its supporting wire or ribbon.

The ribbon 5 may be provided with a bend 5^a to make provision for contraction and expansion of the metal without subjecting the ribbon to breakage or strain.

In Fig. 6 a modified form of construction is shown in which the clasp 14 is attached to two wires 20 which perform the function of the ribbon 5 in the other views.

Having thus described my invention, what I claim is—

1. The combination with the supporting wire of the two-part rotating barb, one part consisting of the axle terminating in projections bent at suitable angles thereto and having a bearing formed therein to receive the other part which is composed of two projections extending from said bearing, substantially as described.

2. The combination of the supporting wire or ribbon, of the two part barb rotatably attached thereto, one part consisting of the axle or spindle terminating in bent projections and having an eye formed to receive and grasp tightly the other part which consists of two arms extending from the eye, substantially as described.

3. The combination with the supporting wire or ribbon, of the two part rotating barb, one part consisting of the axle terminating

in bent projections extending in different directions and carrying a bearing adapted to receive and retain the other part which consists of two projections extending from the
5 bearing in opposite directions and approximately at right angles to the projections of the other part, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SOLOMON F. MOUCK.

Witnesses:

WM. MCCONNELL,
H. KNIGHT.