

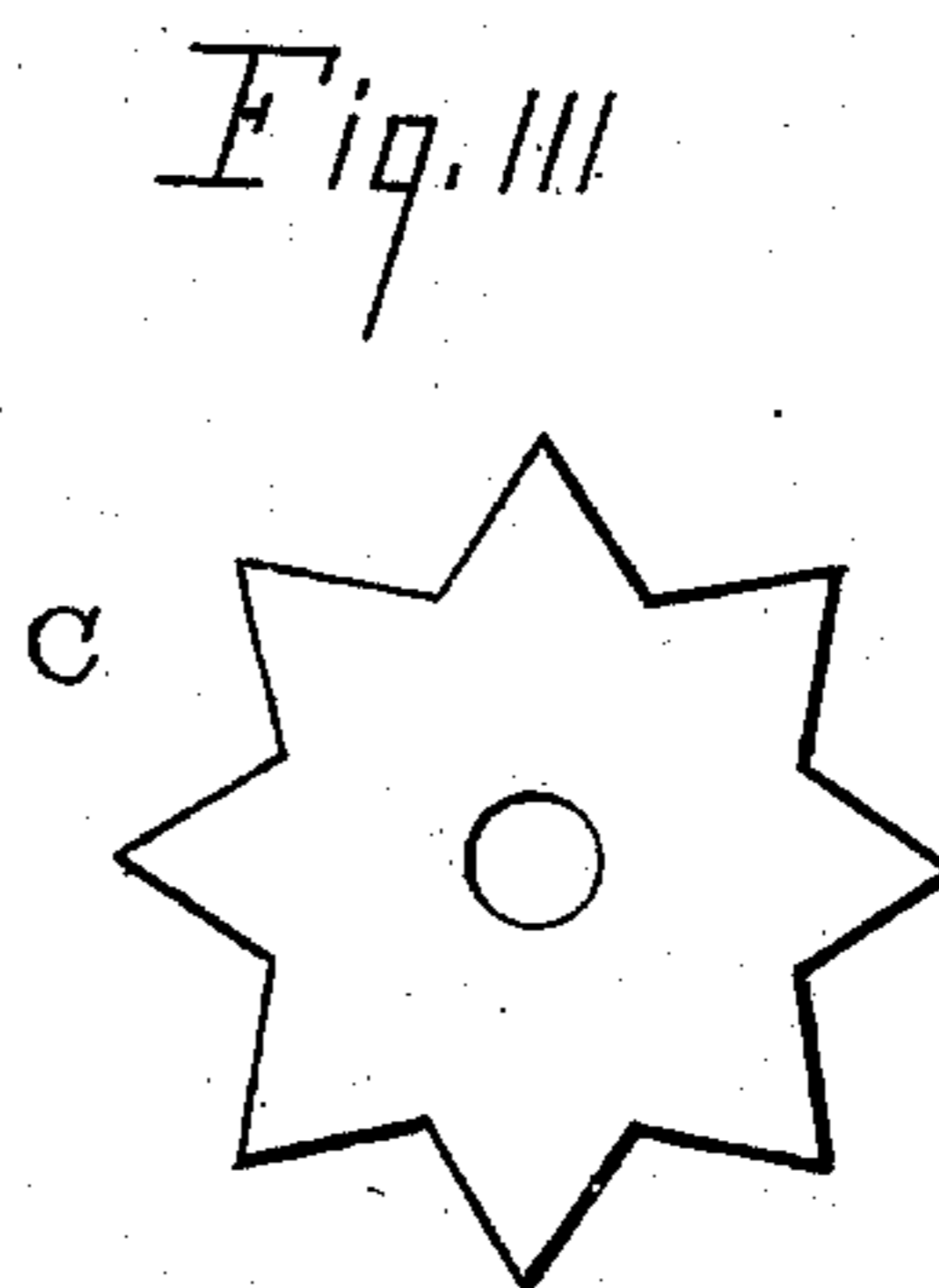
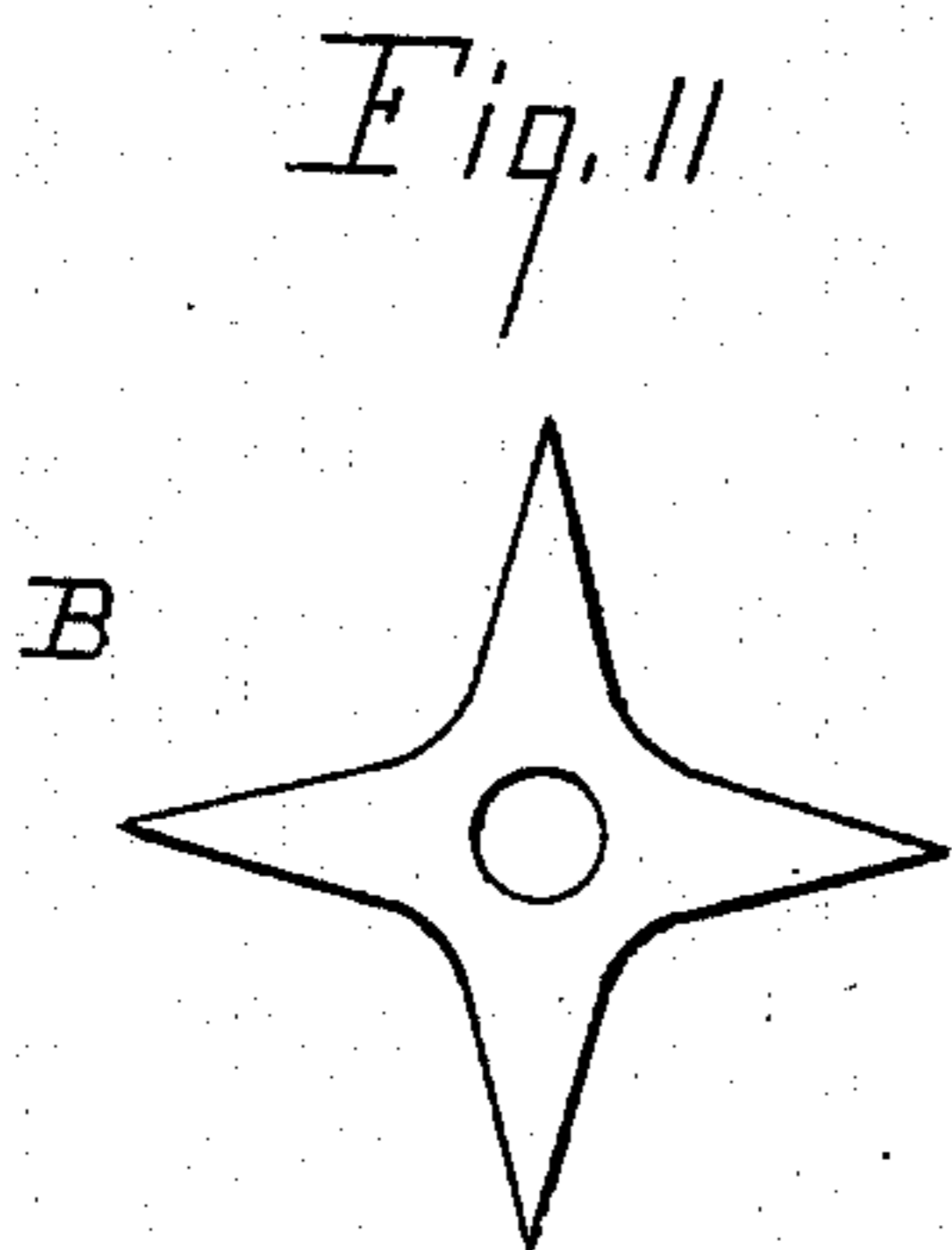
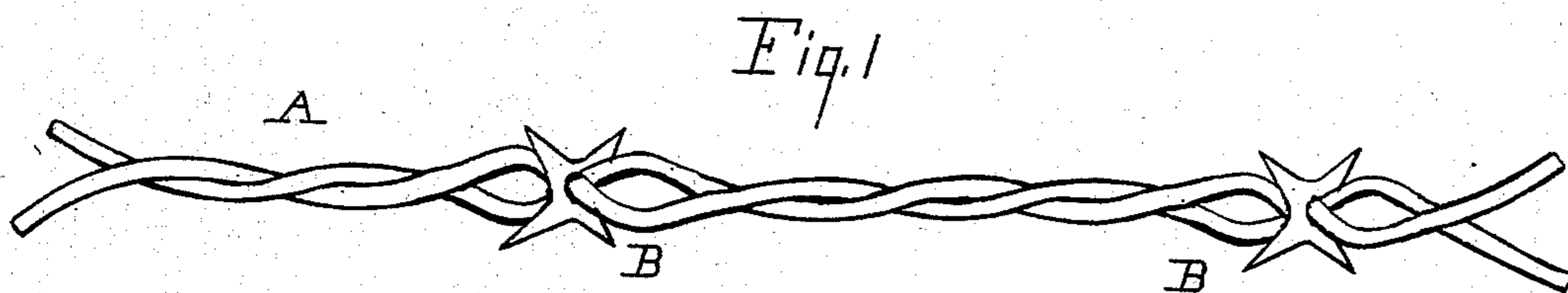
(Model.)

K. L. SHELLABERGER.

BARBED WIRE FENCING.

No. 272,091.

Patented Feb. 13, 1883.



WITNESSES:

Leopold Leibold
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INVENTOR

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KIRK L. SHELLABERGER, OF DAYTON, OHIO.

BARBED-WIRE FENCING.

SPECIFICATION forming part of Letters Patent No. 272,091, dated February 13, 1883.

Application filed January 8, 1883. (Model.)

To all whom it may concern:

Be it known that I, KIRK L. SHELLABERGER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Barbed Wire; 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, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to an improvement in barbed wire for fencing; and it consists in a serrated or pointed plate, with a circular central orifice strung upon two wires twisted together, said wires being bent outwardly to the sides of said barb to sustain the same at equal distances along said wires.

The mechanism is illustrated in the accompanying drawings, in which Figure I is a side view of the barbed wire. Fig. II is a side view of the four-pointed barb. Fig. III is a side view of the serrated barb.

At A, Fig. I, are represented two wires, twisted together, containing two four-pointed barbs.

B, Fig. II, is a barb with a central circular orifice, and has four points equidistant apart; and C is another form, having a serrated edge. I think the form B the best; but any additional number of points may be added, should it be desirable—as five or more.

In manufacturing the barbed cable, I put a sufficient number of barbs on two wires, and as I place a barb in position I force between the wires, near the sides of the same, a staple-like tool, or equivalent device, which expands the wires. Said wires are then twisted together. The preserved expansion by said tool during the twisting holds said barb from moving laterally, but permits a rotary and oscillative movement of the barb, the said barbs being arranged at equal distances along said cable. Barbs thus free to move will prick the impinging animal, but not wound so seriously as a fixed barb.

An elongated central orifice to embrace the wires may be substituted for the circular orifice of said barb. This form would prevent the rotative movement, and admit of only a vibratory movement of the barb.

Having fully described my invention, what I claim, and desire to secure by Letters Patent is—

In combination with the strands of a fence-wire, a star-shaped or serrated barb, with a central opening, strung upon said strands and secured in position by a spreading of the strands on both sides thereof, substantially as set forth.

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

KIRK L. SHELLABERGER.

Witnesses:

B. PICKERING,
SUMNER T. SMITH.