

(No Model.)

S. H. GREGG.
FENCE POST.

No. 441,004.

Patented Nov. 18, 1890.

Fig. 1.

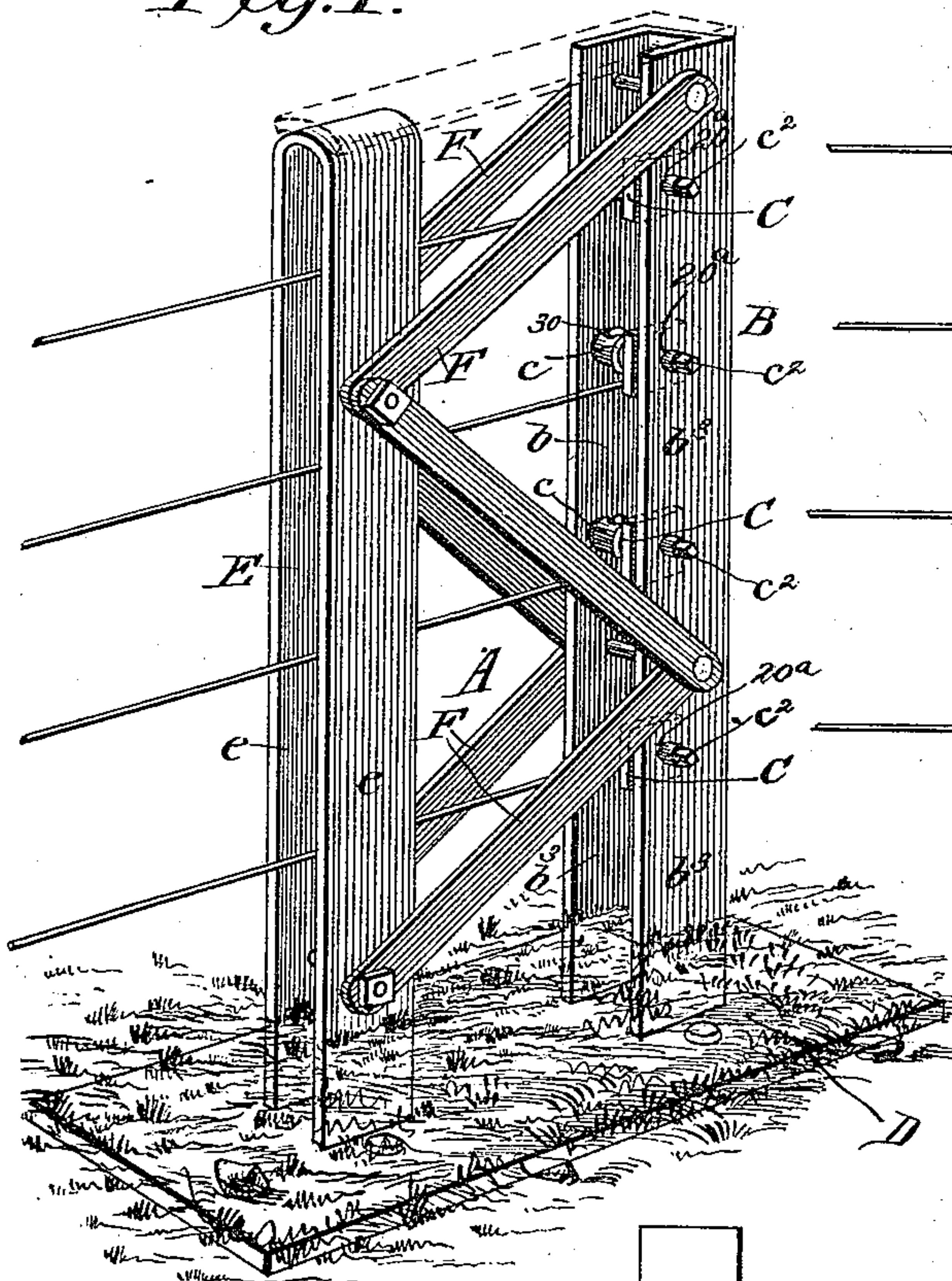


Fig. 2.

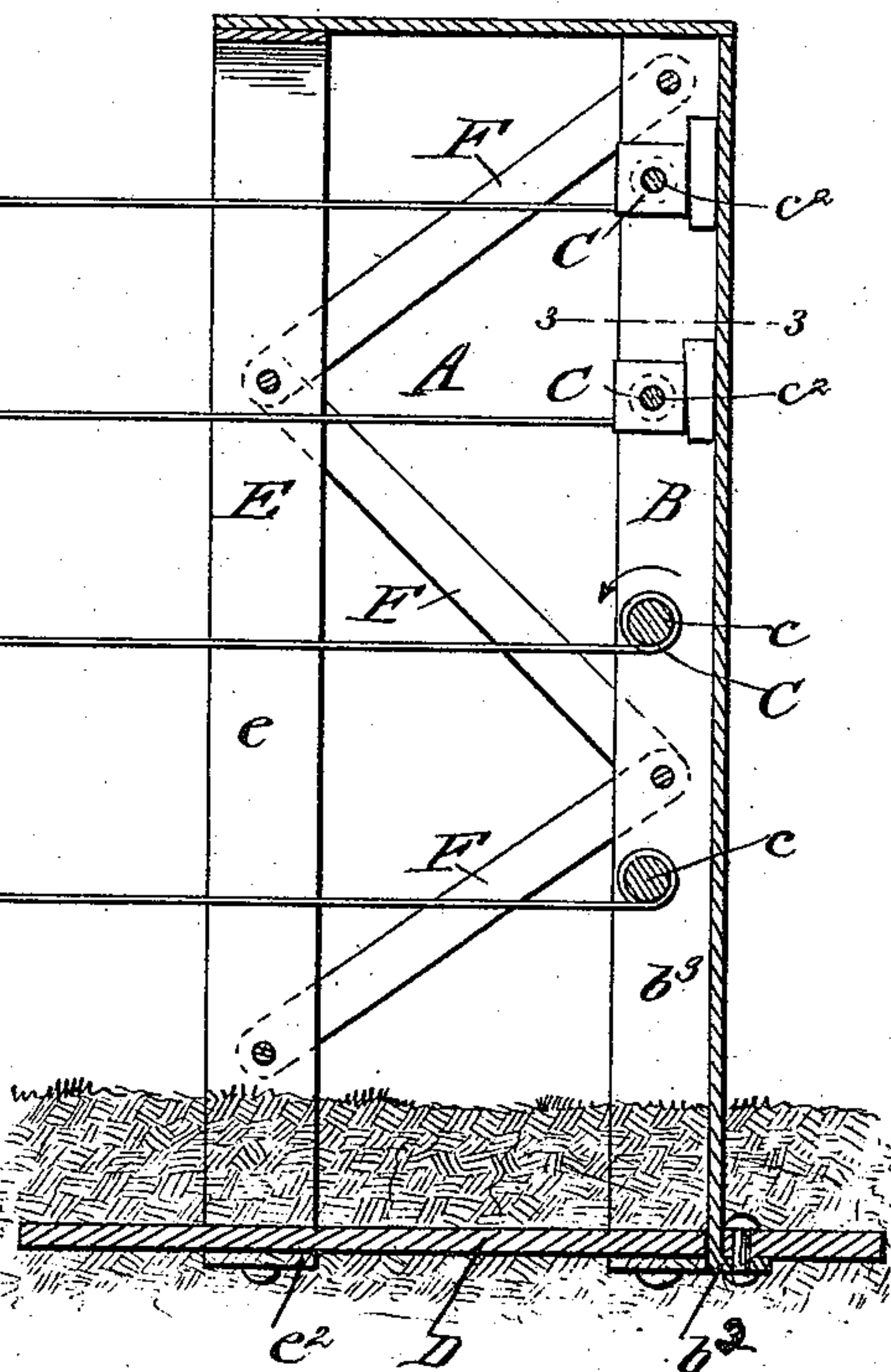


Fig. 4.

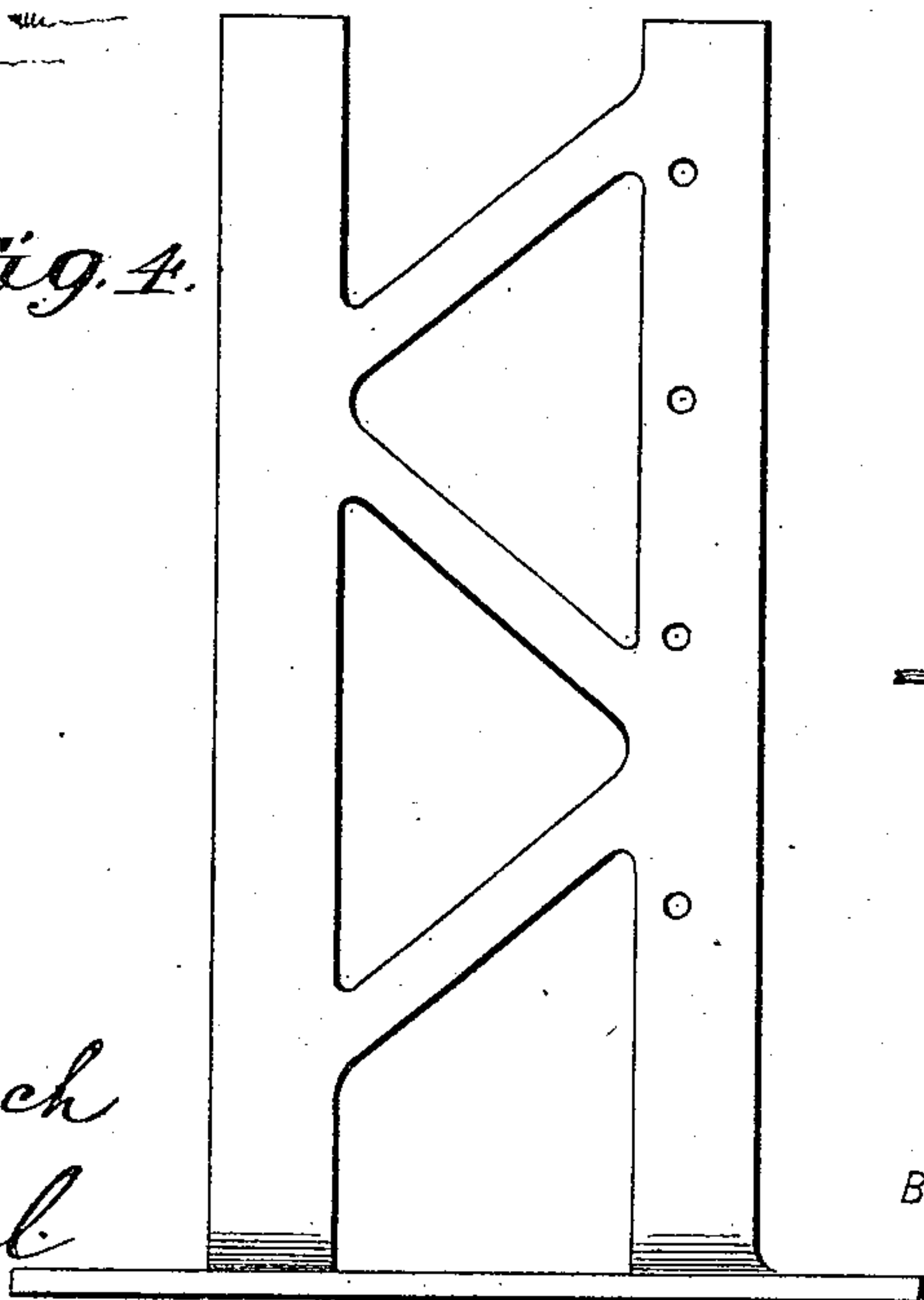
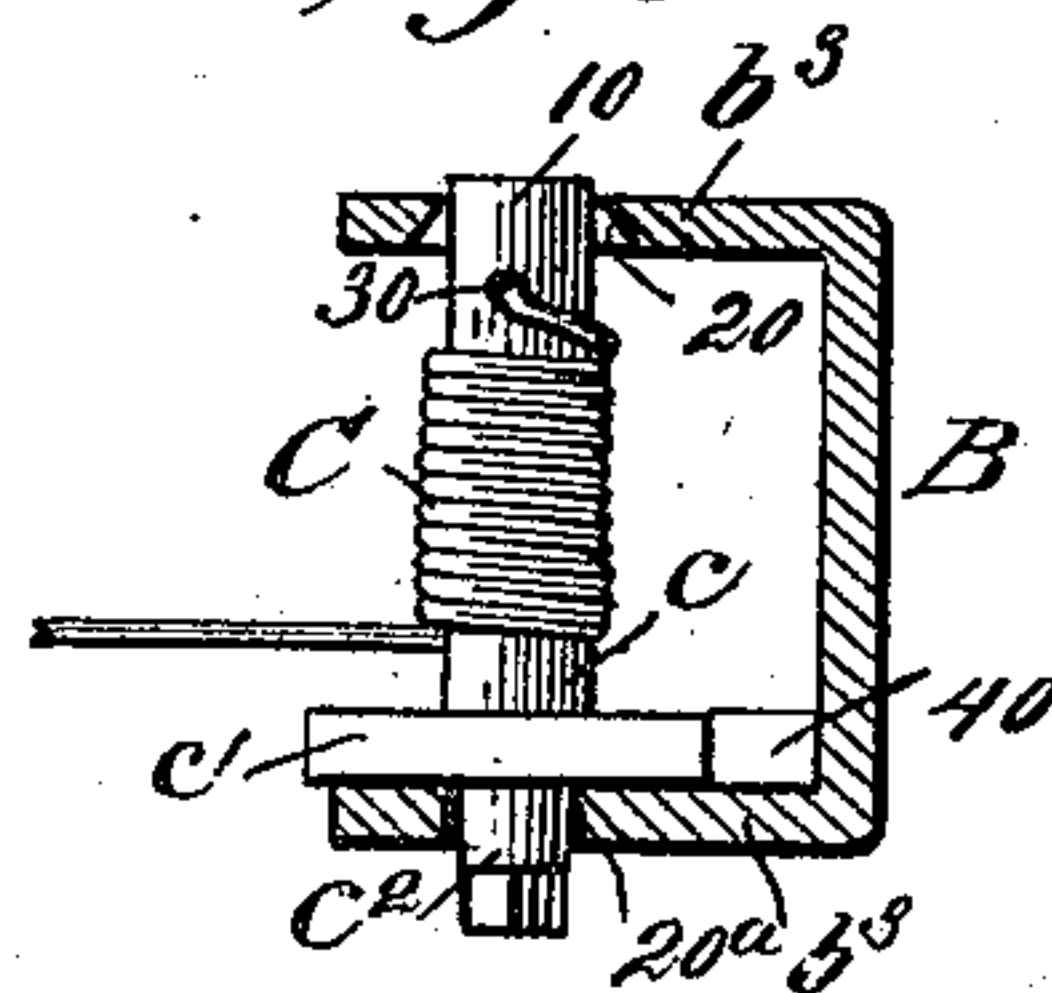


Fig. 3.



WITNESSES:
Fred G. Dieterich
M. D. Blondel

INVENTOR:
S. H. Gregg.
BY *M. D. Blondel*
ATTORNEYS

UNITED STATES PATENT OFFICE.

SAMUEL H. GREGG, OF CRAWFORDSVILLE, INDIANA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 441,004, dated November 18, 1890.

Application filed March 24, 1890. Serial No. 345,160. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL H. GREGG, residing at Crawfordsville, in the county of Montgomery and State of Indiana, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention has for its object to provide a suitably-constructed fence-post, more especially adapted for use as the terminal posts of wire fences, which can be manufactured at a small cost, which can be easily set in place, and which will combine the elements of strength, durability, and simplicity.

My invention consists in the peculiar arrangement and novel combination of parts, all of which will hereinafter be fully described in the annexed specification, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved fence-post. Fig. 2 is a longitudinal section thereof. Fig. 3 is a horizontal section of the same on the line 3 3, Fig. 2; and Fig. 4 is a side view of a modification hereinafter referred to.

In the drawings, A indicates the post, which consists of the outer member B, formed of sheet metal bent into \square shape in cross-section, whereby a vertical channel or chamber b is formed in one face thereof, which is adapted to receive the several wire-stretchers C C, in a manner hereinafter described.

The lower end of the member B is suitably secured to a metal anchor-plate D, preferably in the manner shown, which consists in splitting the lower corner edges of the member B, passing such ends through openings in said anchor-plates and turning such edges at right angles to form lips b^2 b^2 , which are riveted to the anchor-plate, as shown. E indicates a second member of the post A, arranged in advance of the part B, such member being formed of a single piece of sheet metal arched centrally and formed into parallel portions e e , which extend down on each side of the center line of the part B and in line with the side portions b^3 b^3 of such part B, the lower ends thereof extended through slots in the anchor-plate D, bent laterally to form lips e^2

e^2 , which are riveted to the anchor-plate, as shown.

F denotes a series of sheet-metal brace-bars, arranged substantially as shown, which serve to connect the members B and E to form the whole into a complete post A. By this construction it will be seen that the several parts of the post may be manufactured and shipped detached, and that the same can be readily riveted or bolted together when the posts are to be set up.

When it is desired to have the posts shipped in a complete state, I form the several members of the post integral, as shown in Fig. 4 of the drawings, by reference to which it will be seen that all the parts are so formed, being preferably of cast-iron or steel, whereby the posts are produced at somewhat less cost than when formed of sheet metal.


C C denote the several wire-stretchers, which are located in the chamber b of the part B of the post, each of which consists of a shaft c and a collar c' , formed non-circular in cross-section, said shaft projected beyond said collar at c^2 , and formed with a squared end adapted to receive a wrench. I arrange the relation of the length of the shaft c and the width between the sides b^3 b^3 of the part B so that when it is desired to place the tighteners in position the ends of the shafts are first passed from the inner face of one of the sides b^3 through apertures 20 20, which are of slightly-greater diameter than the shaft, arranged near the outer edges of the sides b^3 , as shown. The ends c^2 of the shafts are then pushed through a series of apertures 20^a 20^a, arranged in the opposite side walls b^3 , until the collar c' comes into contact therewith, the relation of such collar and the rear wall of the chamber b being such as to leave sufficient space therebetween to permit the shaft and collar being turned. The ends of the wires are then passed through apertures 30 in the shafts C, such shafts forming the spools upon which the wires are wound, such wires when connected to the shafts preventing the same from becoming disconnected from their bearing-apertures 20 20^a.

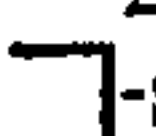
In operation the wires are tightened by turning the shafts in the direction indicated by the arrow, and when sufficiently tightened

wedges 40 are dropped into the spaces between the collar and the rear wall of the chamber, which will serve to hold the shafts in a locked position.

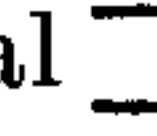
5 From the foregoing description, taken in connection with the drawings, it will be seen that I provide a simple and effective fence-post, the peculiar construction of which admits of the ready connection therewith of
10 simple wire-tightener means which can readily be put into position and detached from the post when broken or worn out.

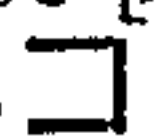
Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

15 1. A fence-post consisting of a metallic bar B, bent  shape in cross-section, an arched bar E, formed with vertical members *e e*, said members arranged in advance of and coincident with the side walls of the bar B, braces
20 connecting the sides of said bar B with the sides of the members *e*, and an anchor-plate connecting the lower ends of the bar E and the bar B, substantially as and for the purpose
25 described.

2. A metallic fence-post consisting of the -shaped member B, the member E, formed of the vertical portions *e e*, the anchor-section D, and the cross-brace portions connecting

the members B and E, said members B E and
braces F and the anchor D formed integral,
substantially as shown and described. 30

3. A fence-post consisting of the member B, formed of metal -shaped in cross-section, the arched member E, arranged in advance
35 of the part B and in line therewith, the anchor-plate D, formed with openings in line with the lower edges of the members B and E, such ends turned outward and pivoted to the lower wall of the anchor, as and for the
40 purpose described.

4. A fence-post consisting of a single metallic bar B,  shape in cross-section, whereby an interior chamber *b* is formed, an anchor-plate secured to said bar, means for bracing
45 said bar to the anchor-plate, circular apertures 20 20^a, formed in the vertical side walls *p^s* of said bar B, the wire-tightener D, consisting of shafts of slightly-greater lengths than the width of the chamber *b*, said shafts formed
50 with non-circular collars, and wedges adapted to fit between said collars and the rear wall of said chamber *b*, all arranged substantially as and for the purposes specified.

SAMUEL H. GREGG.

Witnesses:

FRED G. DIETERICH,
P. B. TURPIN.