

M. H. ELLIOTT.
WIRE FENCE CLAMP.
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1,051,204:

Patented Jan. 21, 1913.

Fig. 1.

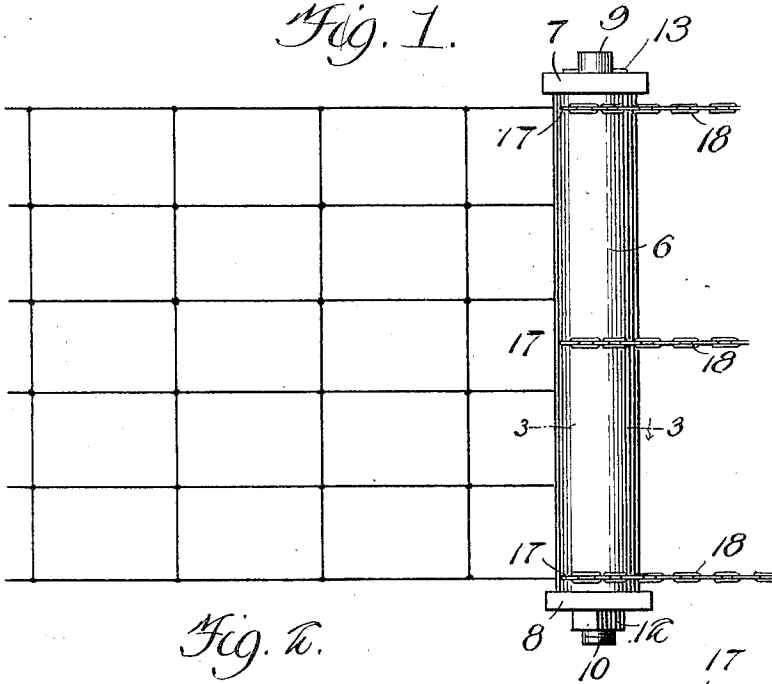


Fig. 2.

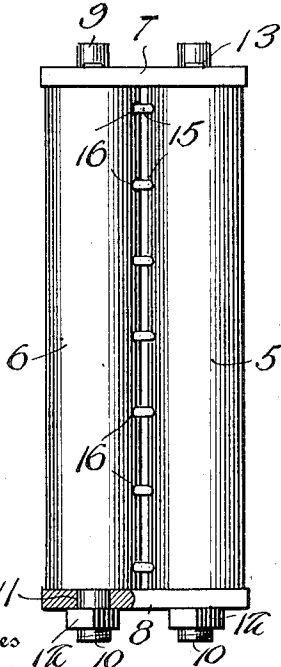


Fig. 3.

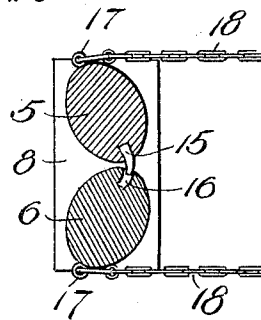
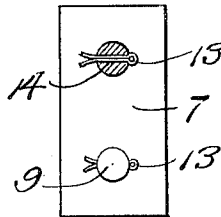


Fig. 4.



Witnesses

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WIRE-FENCE CLAMP.

1,051,204.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MATHEW H. ELLIOTT, a citizen of the United States, residing at Ramsey, in the county of Sumter and State of Alabama, have invented new and useful Improvements in Wire-Fence Clamps, of which the following is a specification.

The general object of this invention is the provision of a wire fence clamp particularly adapted for use when stretching the wire fence preparatory to securing the same to the fence posts and said clamp comprises, essentially, rotatable means adapted for gripping the wire throughout the width thereof whereby the portions of the fence may be quickly stretched.

In carrying out the objects of the invention generally stated above, it will be understood, of course, that the essential features thereof are susceptible to changes in details and structural arrangements, one preferred and practical embodiment being shown in the accompanying drawing, wherein:—

Figure 1 is a front elevation of the clamp constructed in accordance with the invention, showing a portion of the wire fence held therein. Fig. 2 is a side elevation thereof. Fig. 3 is a transverse section on the line 3—3 of Fig. 1. Fig. 4 is an end elevation of the clamp.

Referring more particularly to the accompanying drawing in which like reference characters designate similar parts, it will be seen that the invention comprises a pair of vertically arranged clamping members 5 and 6 which are elliptical in cross section as is clearly shown in Fig. 3 of the drawing. The members 5 and 6 are rotatably mounted and held in operative relation in the upper and lower plates 7 and 8 respectively, each of the clamping members being provided at each end thereof with stub shafts 9 and 10 which are adapted to engage the openings 11 formed in said plates. The stub shaft 10 of each of the clamping members is threaded and adapted to receive a nut 12 for retaining the lower plate 8 in engagement with the members. The upper plate 7 is detachably connected to the clamping members by means of a cotter pin 13 which is adapted to engage a transverse opening 14 formed in each of the stub shafts 9 of the clamping members. It will be seen that the plate 7 may be readily removed and a wire fence inserted between the clamping members 5 and

6 which are normally spaced a slight distance apart.

The clamping member 5 is provided longitudinally thereof with a plurality of alined laterally projecting arcuate pins 15 which are adapted to engage alined openings 16 formed longitudinally of the clamping member 6 when said members are rotated in a manner to be presently described. By reason of the elliptical formation of the clamping members 5 and 6 it will be seen that when the same are turned inwardly the adjacent ends thereof will meet and securely clamp a wire fence therebetween. At the same time the pins 15 will project through the fence and engage the openings 16 whereby the said fence will be further retained in a clamping position.

The clamping members 5 and 6 are provided at points diametrically opposite the pins 15 and openings 16 therein with a plurality of rings 17 which are arranged adjacent each end of the clamping members and also medially the ends thereof. These rings 17 are adapted to have fastened thereto the chains 18 which are adapted to manually or otherwise operate for rotating the clamping members whereby the latter will grip the wire fence. The free ends of the said chains may then be secured to a suitable stretching device (not shown) whereby the fence may be stretched and secured to the fence post in any ordinary well known manner.

From the foregoing description taken in connection with the accompanying drawing, it will be seen that the invention contemplates providing a wire fence clamp which is simple in construction thus reducing the cost of manufacture of the same to a minimum and which is durable and effective in carrying out the purpose for which it is designed.

What is claimed is:—

1. A clamp comprising a plurality of plates, clamping members having their ends rotatably mounted in said plates, said clamping members being elliptical in cross section whereby a wire fence may be clamped therebetween, one of said clamping members being provided with a plurality of alined openings, and pins carried by the other clamping member and adapted to engage said openings when said members are in a clamping position.

2. A clamp comprising a plurality of plates, clamping members having their ends

rotatably mounted in said plates, said clamping members being elliptical in cross section whereby a wire fence may be clamped therebetween, one of said clamping members being provided with a plurality of alined openings, pins carried by the other clamping member and adapted to engage said openings when said members are in a clamping position, and means arranged diametrically opposite the pins and openings in said clamping members for moving the latter to their clamping position.

3. A clamp comprising a plurality of

plates, clamping members having their ends rotatably mounted in said plates, one of said clamping members being provided with a plurality of alined openings, and pins carried by the other clamping member and adapted to engage said openings when said members are in a clamping position.

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

MATHEW HENRY ELLIOTT.

Witnesses:

ARTHUR G. RANDALL,
JOSEPH E. HERRING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."