

No. 785,861.

PATENTED MAR. 28, 1905.

W. CLEMENT.  
WIRE FENCE.

APPLICATION FILED NOV. 23, 1903.

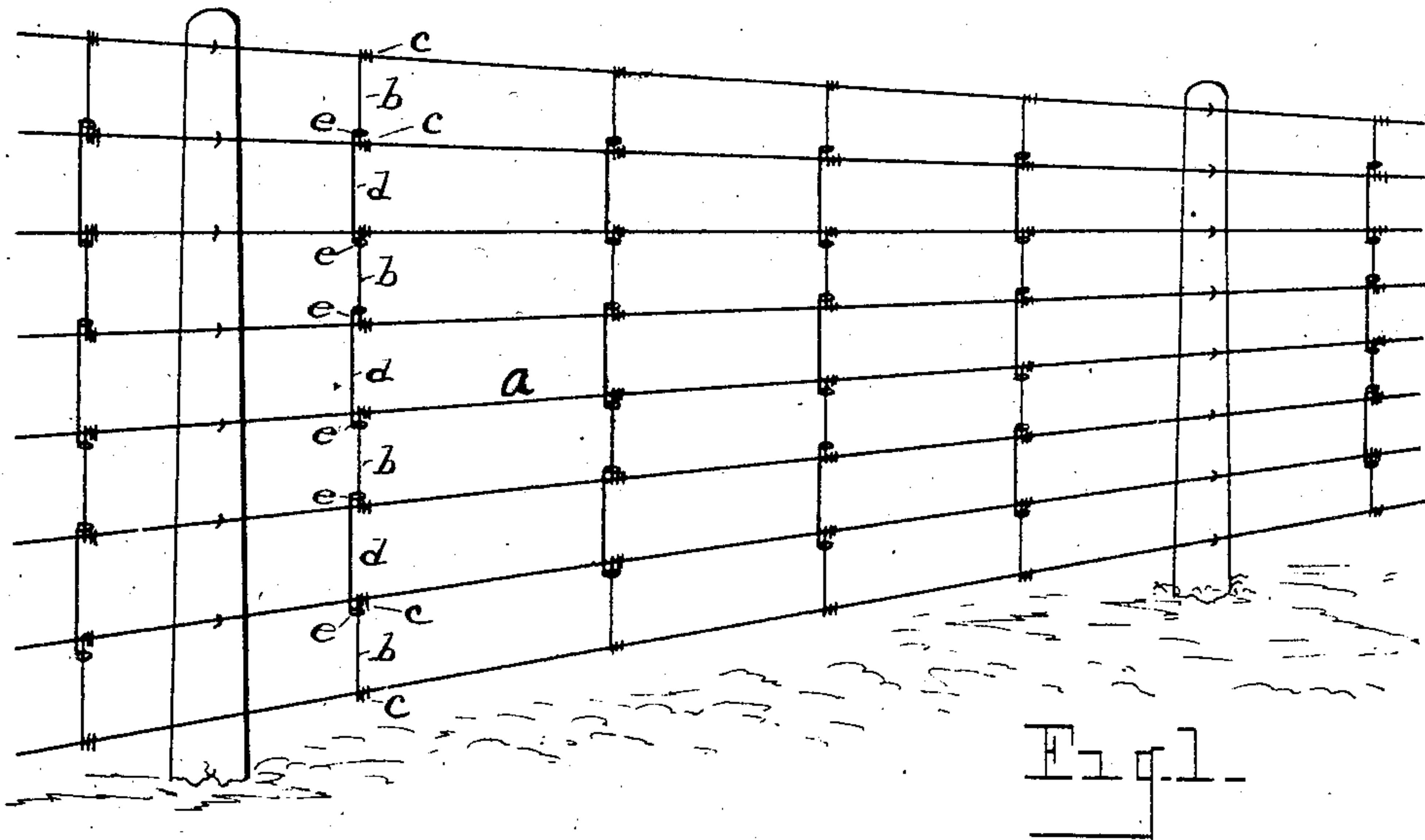


Fig. 2.

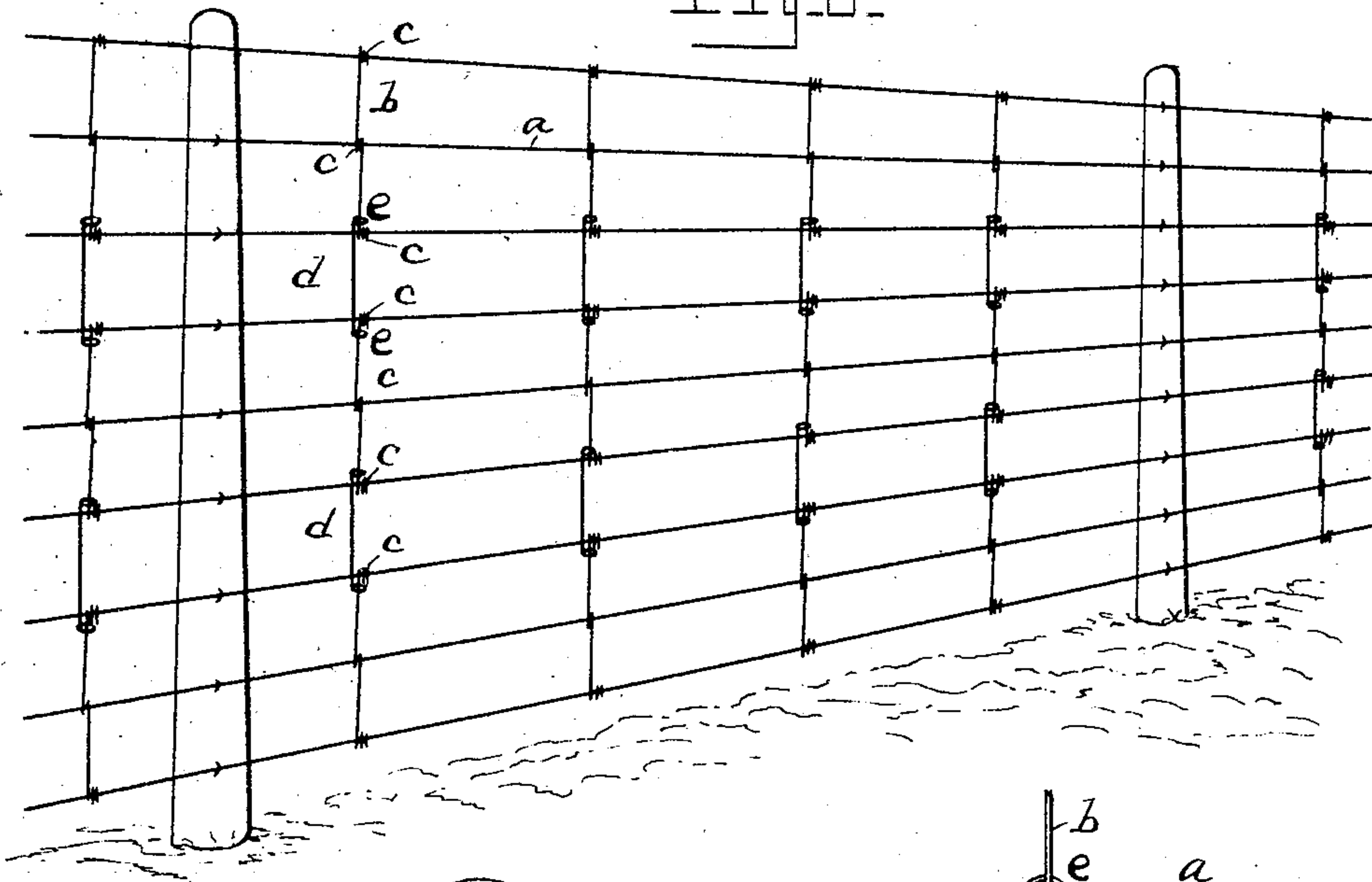
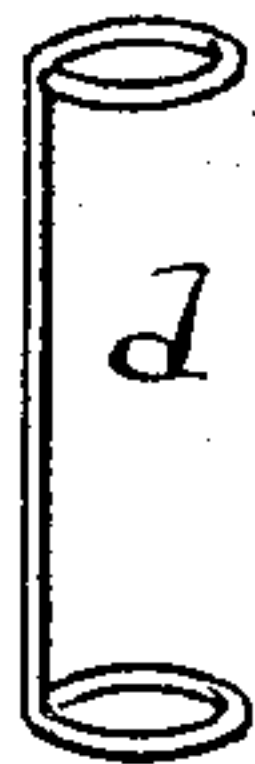
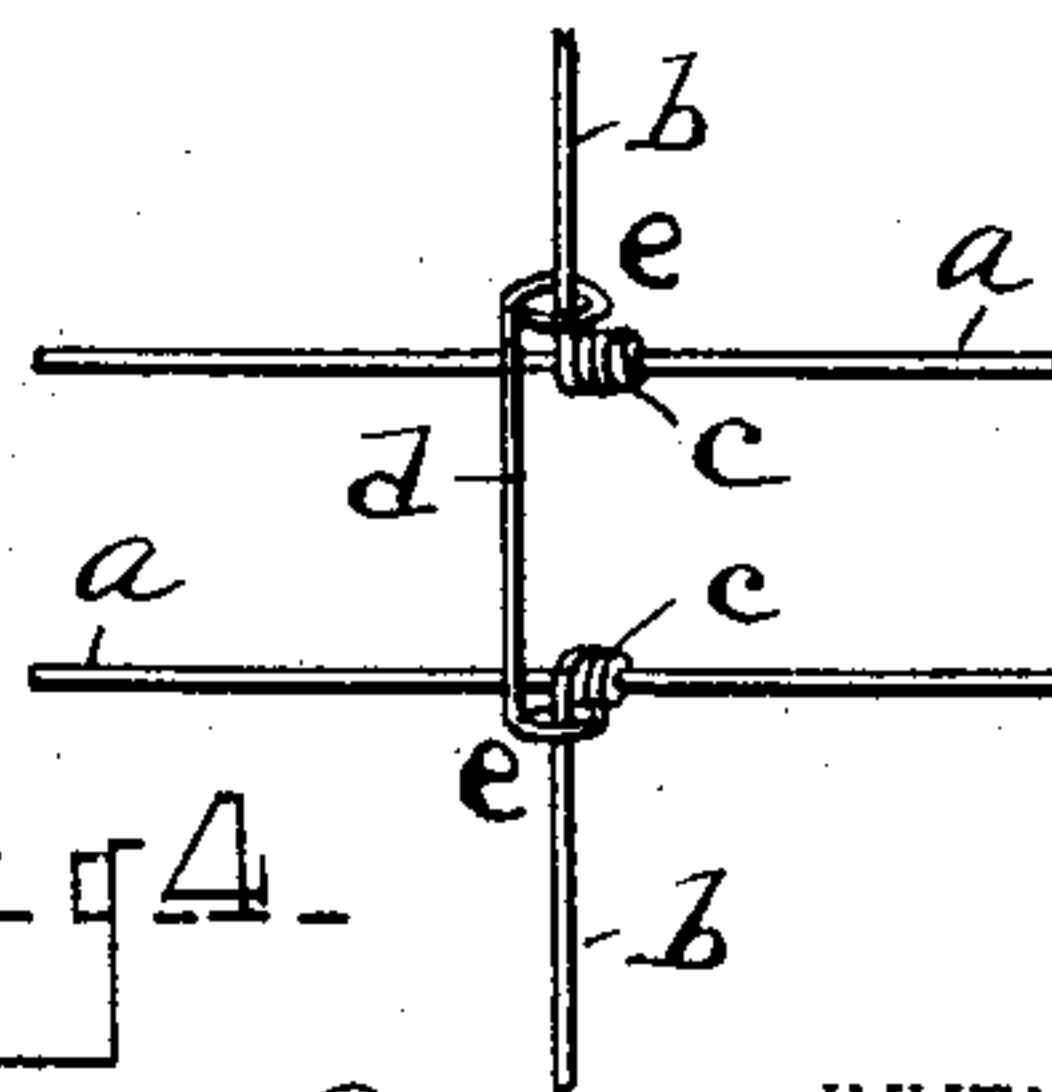


Fig. 3.



WITNESSES:  
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Fig. 4.



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# UNITED STATES PATENT OFFICE.

WALTER CLEMENT, OF ADRIAN, MICHIGAN.

## WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 785,861, dated March 28, 1905.

Application filed November 23, 1903. Serial No. 182,214.

*To all whom it may concern:*

Be it known that I, WALTER CLEMENT, a citizen of the United States, residing at Adrian, county of Lenawee, State of Michigan, have  
5 invented a certain new and useful Improvement in Wire Fences, of which the following is a specification, reference being had to the accompanying drawings, which form a part of this specification.

10 My invention has for its object an improved wire fence of superior construction and utility; and it consists of the structure hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

15 Figure 1 is a view in perspective illustrating my invention. Fig. 2 is a similar view, illustrating a modification embodying the invention. Fig. 3 is a detailed view of one of the looped stay-wires. Fig. 4 is a detail view on  
20 an enlarged scale.

My invention has for its object to construct a wire fence in which the horizontal wires are rigidly connected in pairs or in any desired  
25 plurality of wires, each pair or other corresponding plurality of wires being yieldingly connected with the next adjacent pair or corresponding plurality of wires by looped connecting-stays.

I carry out my invention as follows:

30 In the drawings, *a* represents the horizontal wires. In Fig. 1 each pair of wires is shown rigidly connected by means of rigid stay-wires *b*, said stay-wires having a rigid connection at their extremities with the corresponding  
35 line-wires in any suitable manner. Said stay-wires may, as shown, be firmly twisted at their extremities upon the corresponding line-wires, as indicated at *c*. Each pair of the rigidly-connected line-wires is yieldingly con-  
40 nected with the next adjacent pair by looped connecting-wires *d*, said looped connecting or stay wires formed with loops at their extremities, through which loops the correspondingly rigidly-connected stay-wires are passed, as  
45 shown at *e*. It will be seen that the looped stay-wires *d* have the loops at their extremities projecting laterally or to one side from the body portion of said stay-wires in order that the loops at the extremities thereof may  
50 receive the stay-wires *e*. The line-wires are

rigidly connected in pairs in this manner, as illustrated in Fig. 1, and each pair being yieldingly connected with the next adjacent pair by the looped stay-wires throughout the series of line-wires from the top to the bot- 55 tom of the fence.

It will be obvious that since the rigidly-connected stay-wires connecting the line-wires in pairs are passed through the loops of the corresponding looped stay-wires that the looped 60 connection thus afforded of the looped stay-wires with the rigid stay-wires immediately thereabove and therebelow permits each pair of wires throughout the series to have a yielding movement. The rigidly-connected stay- 65 wires and the looped stay-wires are the only upright connections employed. It will be seen that this connection permits each pair of line-wires to yield independently of the remaining pairs of line-wires. 70

Instead of rigidly connecting the line-wires in pairs throughout the series and yieldingly connecting adjacent pairs, as above described, it is evident that the same principle may be carried out by connecting more than a single 75 pair of wires, as a plurality of three or more wires, in series throughout the entire number of line-wires and yieldingly connecting the series of plural rigidly-connected wires. Thus, as shown in Fig. 2, the line-wires are 80 shown rigidly connected in a series of three line-wires in each series, thus forming an upper and a lower series or sections of plural rigidly-connected wires and intermediate series or sections of plural rigidly-connected 85 wires, said series or sections being yieldingly connected, as described.

What I claim as my invention is—

1. A wire fence comprising upper, lower and intermediate rigid sections each composed 90 of a plurality of horizontal line-wires and rigid stays having their ends respectively rigidly secured to the adjacent line-wires whereby the horizontal line-wires of the rigid sections will be held by each of said stays from 95 yielding vertically throughout their length, and looped stays formed with loops at their extremities respectively, yieldingly connecting each of said rigid sections with the adjacent section, the rigid stays having their ex- 100



5    tremities passed through the loops on the adjacent extremities of the looped stays, whereby each rigid section of line-wires may yield independently of the remaining sections of line-wires.

10    2. A wire fence comprising rigid sections each composed of a plurality of horizontal line-wires and vertical wire stays all rigidly connected at each extremity thereof with the adjacent line-wire, and looped stay-wires yield-  
15    ingly connecting said rigid sections with the next adjacent rigid section, said looped stay-wires constructed with loops at the extremities thereof, said loops both offset from the plane  
15    of the body of stay-wires, and the rigid stays having their extremities passed through the adjacent loops of the looped stays.

3. A wire fence comprising rigid sections each composed of a plurality of horizontal

line-wires and vertical rigid stays having their 20  
extremities both twisted upon the adjacent line-wires to form a rigid connection of said stays with said wires, and looped stay-wires 25  
yieldingly connecting adjacent rigid sections, said looped stay-wires constructed with loops at the opposite extremities thereof, the loops of the looped stays encircling the adjacent rigid stays whereby each rigid section of line-wires may yield independently of the remain- 30  
ing sections of line-wires.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WALTER CLEMENT.

Witnesses:

J. C. ROWLEY,  
GOLDIE S. ROGERS.