

No. 615,260.

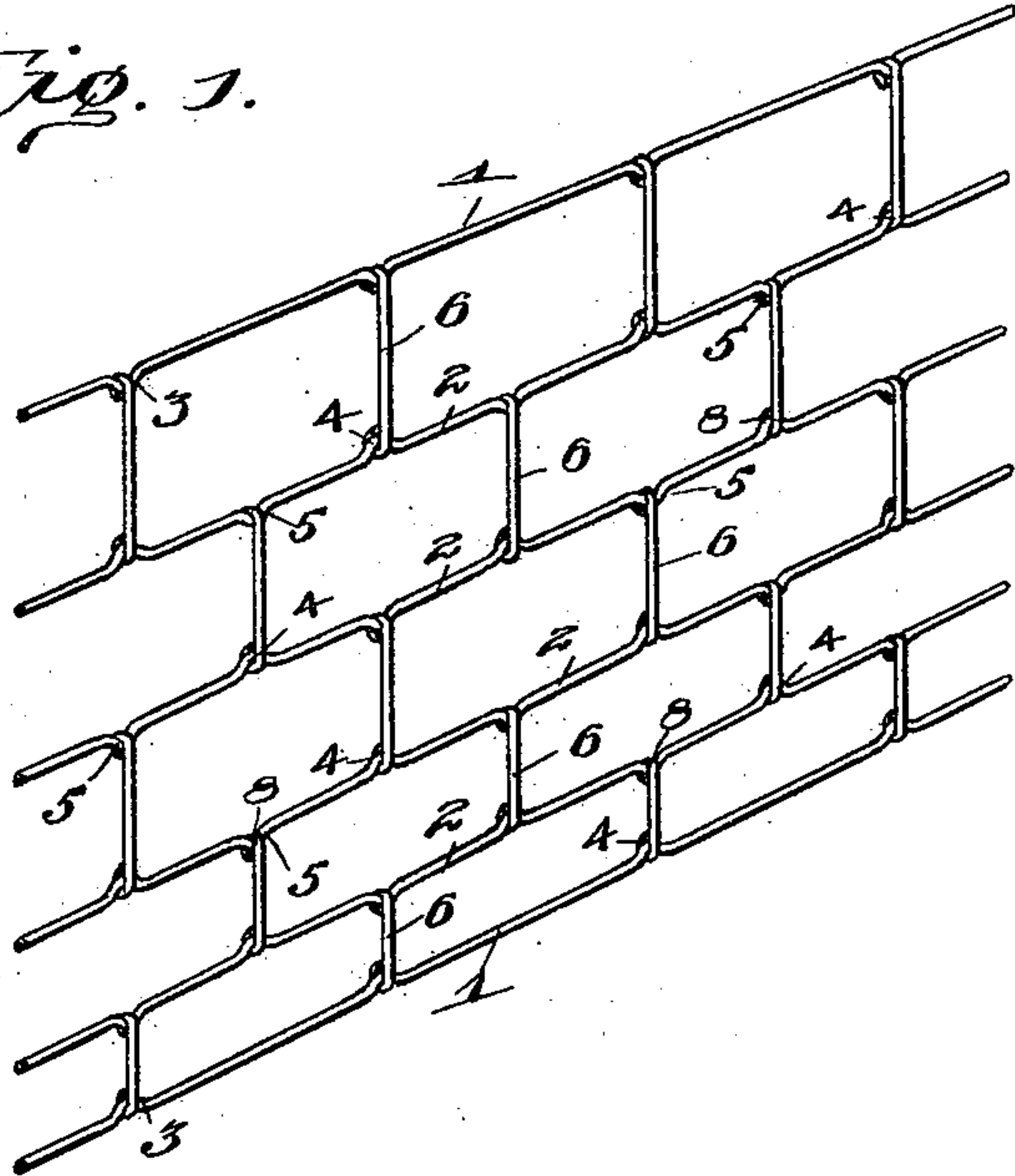
Patented Dec. 6, 1898.

F. A. CURTIS.  
WIRE FENCE.

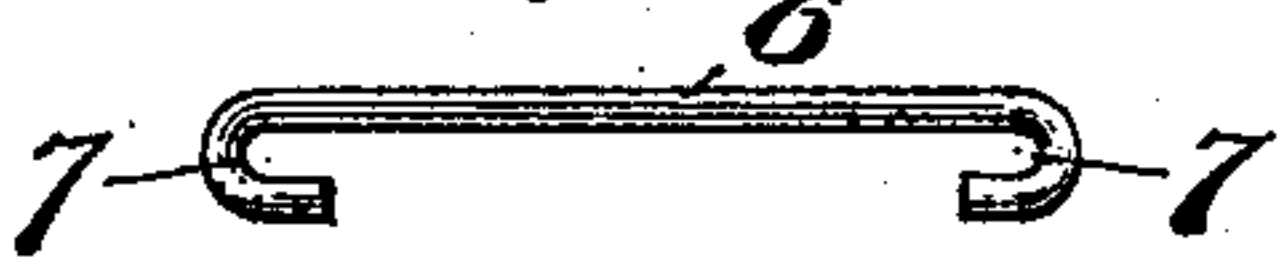
(Application filed July 29, 1898.)

(No Model.)

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Inventor

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Witnesses

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# UNITED STATES PATENT OFFICE.

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FOURTHS TO BENJAMIN B. CAMPBELL, ALBERT A. CAMPBELL, AND  
THOMAS B. CAMPBELL, OF SAME PLACE.

## WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 615,260, dated December 6, 1898.

Application filed July 29, 1898. Serial No. 687,179. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERIC A. CURTIS, a  
citizen of the United States, residing at An-  
derson, in the county of Madison and State of  
5 Indiana, have invented certain new and use-  
ful Improvements in Smooth-Wire Fences;  
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  
10 to which it appertains to make and use the  
same.

My invention relates to improvements in  
the construction of smooth or barbless wire  
fences; and the object is to provide a simple,  
15 inexpensive, and durable fence of this char-  
acter.

To this end the invention consists in the con-  
struction and combination and arrangement  
of parts, as will be hereinafter fully described  
20 and claimed.

The accompanying drawings show my in-  
vention in the best form now known to me;  
but many changes in the details might be  
made within the skill of a good mechanic with-  
25 out departing from the spirit of my invention  
as set forth in the claim at the end of this  
specification.

The same reference characters indicate the  
same parts of the invention.

30 In the drawings, Figure 1 is a perspective  
view of a section of my improved wire fence.  
Fig. 2 is a plan view of one of the vertical  
wire stays before it is secured to the fence-  
wires. Fig. 3 is a similar view of the same  
35 after it is fixed in place on the fence-wires.

1 and 2 denote the horizontal parallel fence-  
wires, which are supported at intervals upon  
suitable fixed posts. (Not shown.) The top  
and bottom wires 1 1 are each formed with a  
40 series of semiloops or offsets 3 3, arranged at  
regular intervals in the same plane and ex-  
tending in the same lateral direction. The  
intermediate parallel wires are also formed

with a corresponding series of semiloops 4 4,  
formed on the same side and opposite to those 45  
on the wires 1 1, and with an intermediate  
series of loops 5 5, extending laterally in the  
same plane and in the opposite direction to  
the loops 4 4.

6 6 denote the stay-wires, one of which is 50  
shown in Fig. 2, and each end is turned back  
upon the body portion to form an open eye 7,  
which engages the oppositely-arranged loops  
3 and 4 on the fence-wires 1 and 2 and the cor-  
respondingly-alined loops on the intermediate 55  
fence-wires 2 2.

After these stay-wires have been placed in  
position on the fence-wires, as above indi-  
cated, the open ends are then closed around  
the fence-wires to form the closed eyes 8 8, 60  
which completely encompass the fence-wires,  
as shown in Fig. 3. This construction forms  
a very simple, strong, and durable fence, neat  
and ornamental in appearance and of suffi-  
cient strength to stand any strain to which a 65  
fence of this character may be subjected.

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

In combination, the fence-wires 1 1, formed 70  
with the lateral offsets 3 3, arranged on the  
same side of the wires, the intermediate fence-  
wires 2 2 formed with the oppositely-disposed  
offsets 4 5 alternately arranged on opposite  
sides of said fence-wires, and the stay-wires 75  
6 6 formed with the eyes 8 8 connecting the  
vertically-alined offsets on the adjacent fence-  
wires, substantially as specified.

In testimony whereof I have hereunto set  
my hand in presence of two subscribing wit- 80  
nesses.

FREDERIC A. CURTIS.

Witnesses:

F. M. PUTTLITZ,  
CHRISTIAN BECKLER.