

No. 611,783.

Patented Oct. 4, 1898.

H. H. HEMANN.  
FASTENING DEVICE FOR WIRE FENCES.

(Application filed May 25, 1897.)

(No Model.)

FIG. 1.

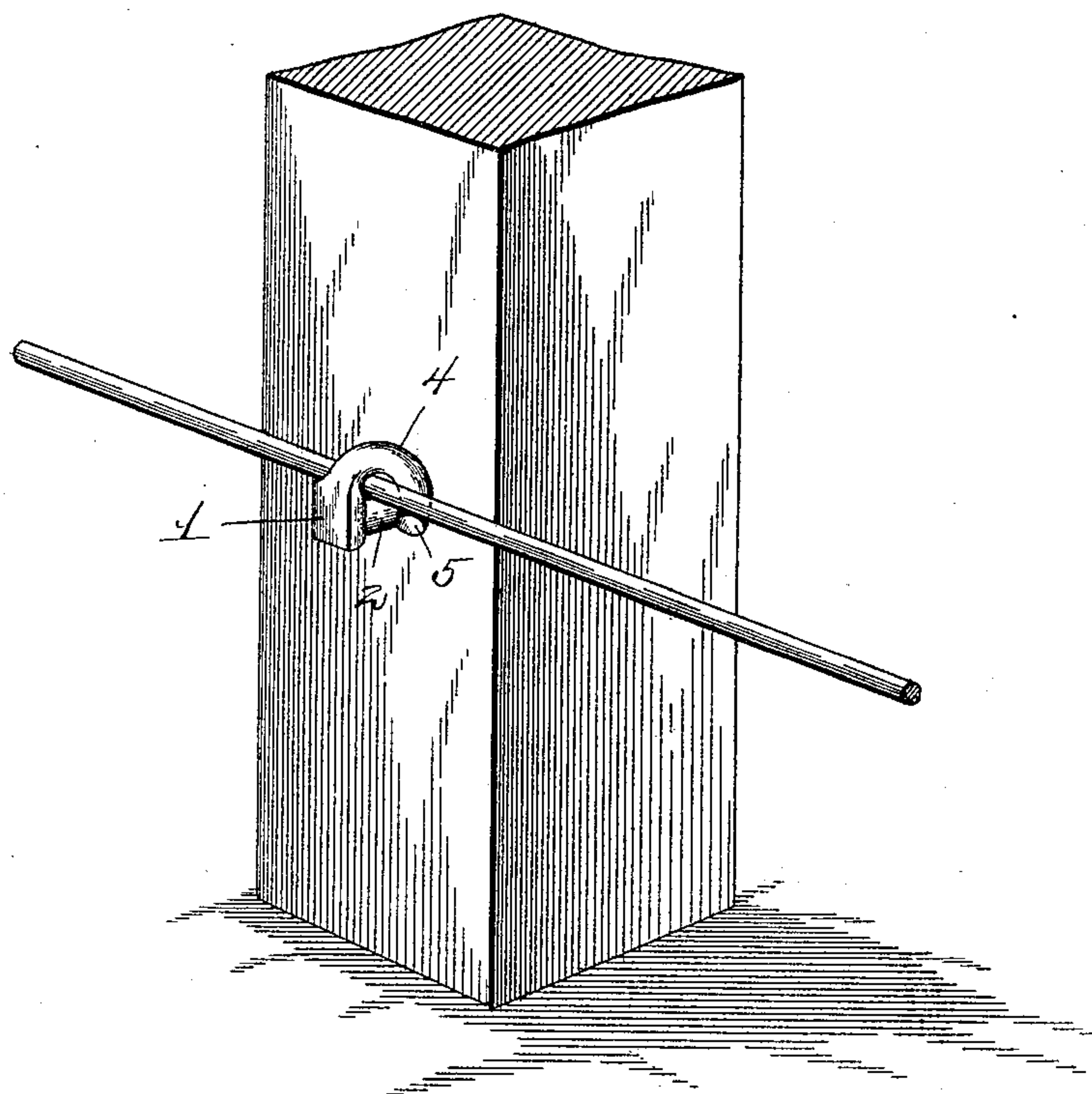


FIG. 2.

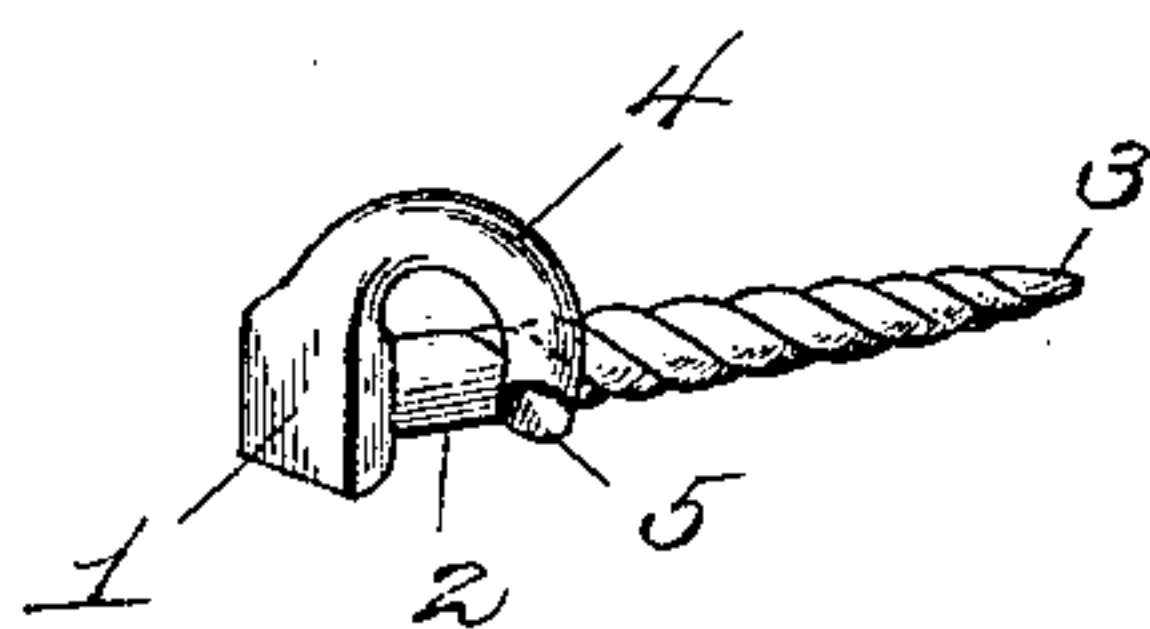
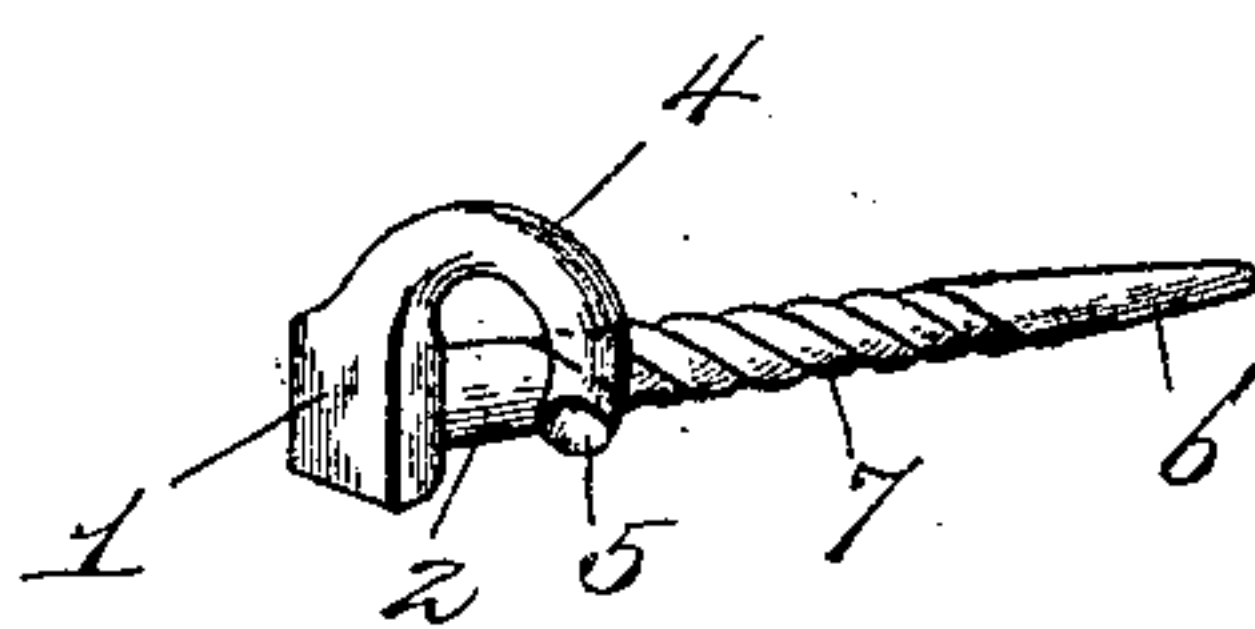


FIG. 3.



Witnesses  
Harry L. Ames.  
Victor J. Evans

Inventor  
Herman Henry Hermann  
By John Wedderburn.  
Attorney

# UNITED STATES PATENT OFFICE.

HERMAN HENRY HEMANN, OF GERMANTOWN, ILLINOIS.

## FASTENING DEVICE FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 611,783, dated October 4, 1898.

Application filed May 25, 1897. Serial No. 638,091. (No model.)

*To all whom it may concern:*

Be it known that I, HERMAN HENRY HEMANN, of Germantown, in the county of Clinton and State of Illinois, have invented certain  
5 new and useful Improvements in Fastening Devices for Wire Fences; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it  
10 appertains to make and use the same.

This invention relates to a fastening device for wire fences; and it consists, essentially, of a screw-shank with an outer driving-head having a curved looped laterally-extending  
15 arm adapted to clamp the wire in connection with a post and hold it at a proper tension.

The invention further consists of the details of construction and arrangement of the several parts, which will be more fully here-  
20 inafter described and claimed.

The object of the invention is to provide means for securing a wire runner positively in connection with a post and prevent the same from slackening.

25 In the accompanying drawings, Figure 1 is a perspective view of a portion of a post and wire runner, showing the improved fastening device applied thereto. Fig. 2 is a detail perspective view of the fastening device removed.  
30 Fig. 3 is a perspective view of a slightly-modified form of the fastening device.

Referring to the drawings, wherein similar numerals of reference are employed to indicate corresponding parts in the several views, the numeral 1, Figs. 1 and 2, designates a  
35 head, which simulates the head of an ordinary nail, and therefrom extends a screw-shank 2 with a tapered unscrew-threaded entrance-point 3, as clearly shown in Fig. 2. Rising  
40 from the upper portion of the said head is a half-loop 4, preferably constructed of round material and laterally bent to throw the free end thereof to one side of the axial line of the screw, as at 5, and thereby position the open  
45 portion of the said loop above the upper plane of the screw. By this means it will be seen that the wire runner is engaged by the half-loop in a spiral plane and a thorough bite on the said wire runner is instituted when the  
50 fastening device is driven into the post. Of

course a number of these devices are adapted to be used in connection with each post, and they are first started by striking the head 1 and entering the point 3 until the screw-stem 2 is reached, when the device can then be  
55 screwed home; but before completely inserting the said screw-stem the wire runner is slipped under the half-loop and held supported thereby and the tension sustained without closing the free end of the said loop in  
60 view of the spiral bite or grip of the said loop on the said wire runner.

In Fig. 3 a modified form of the device is shown, to be used in connection with posts of a very hard nature, and in this form of the  
65 device the entrance-point is materially extended, as at 6, to give the device a firm hold and prevent loosening and resistance to the entrance of the intermediate screw-shank 7. These devices can be used any number of  
70 times by being withdrawn from the post, as they are not in the least destroyed or disarranged when mounted in operative position, and the material of which they are formed will be of that character which is best adapted  
75 for the purpose.

The dimensions of the device may be varied at will, and it is obviously apparent that many minor changes in the details of construction and arrangement of the several parts might  
80 be made and substituted for those shown and described without in the least departing from the nature or spirit of the invention.

Having thus described the invention, what  
85 is claimed as new is—

A fastening device for wire fences, consisting of a head having a screw-shank extending therefrom, and a half-loop which is extended laterally in a spiral line to one side of the axis of the said screw-shank and forming an open-  
90 ing for the entrance of a wire runner above the plane of said screw-shank, substantially as and for the purposes specified.

In testimony whereof I have signed this specification in the presence of two subscrib-  
95 ing witnesses.

H. HENRY HEMANN.

Witnesses:

FERDINAND HEMANN,  
H. F. HEMANN.