

G. H. COCK.
FENCE TIE.
APPLICATION FILED MAR. 25, 1910.

986,545.

Patented Mar. 14, 1911.

Fig. 1.

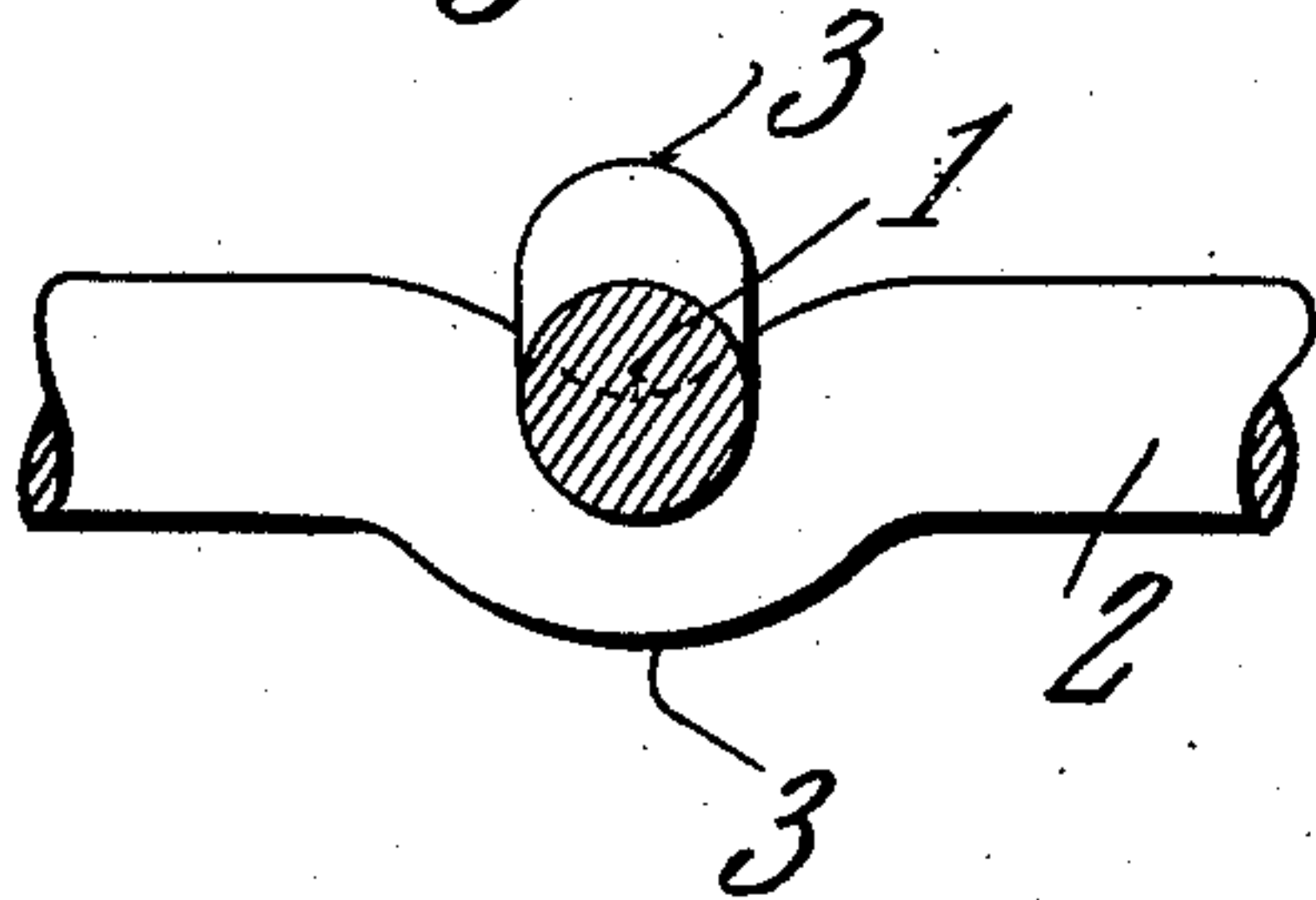


Fig. 2.

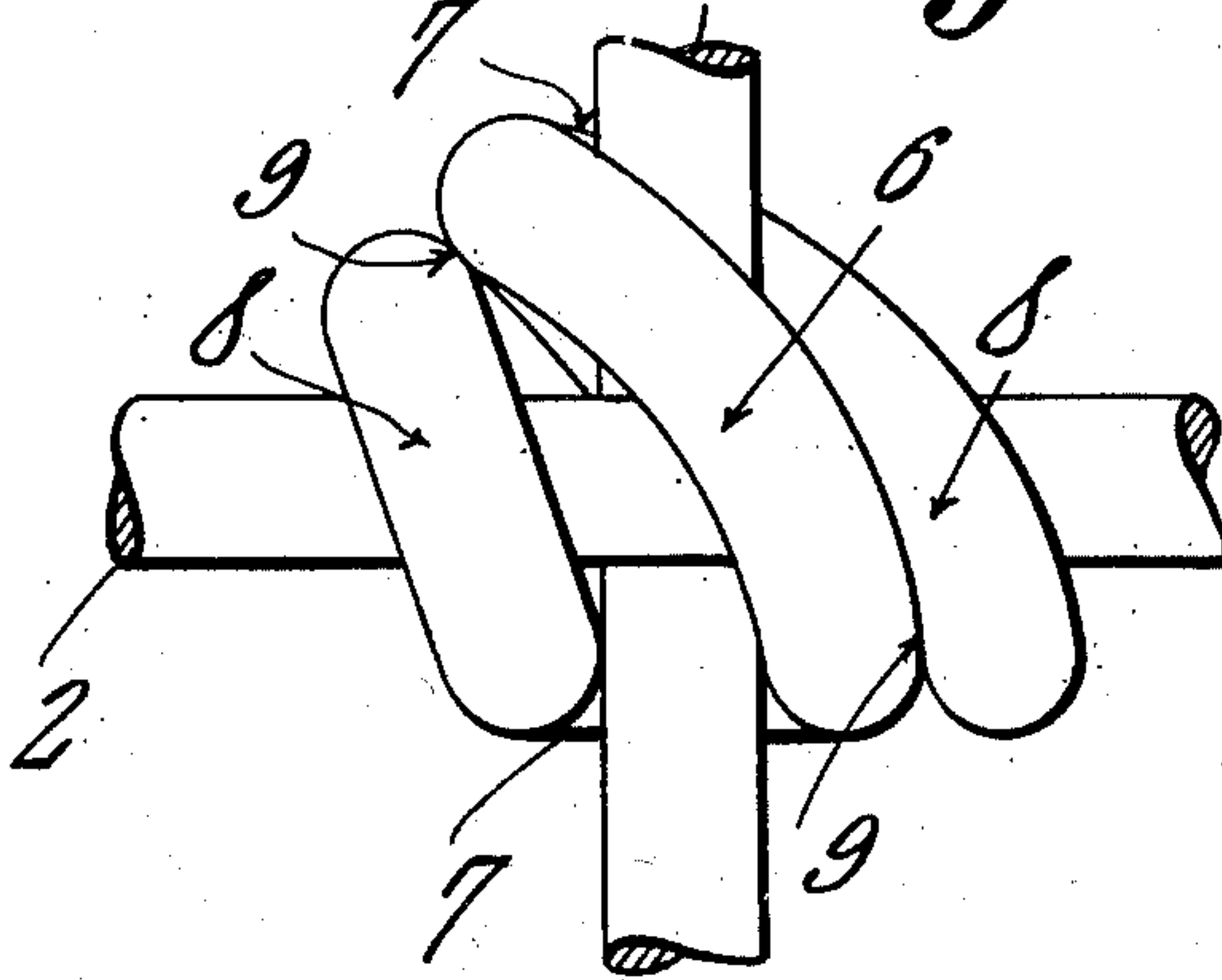


Fig. 3.

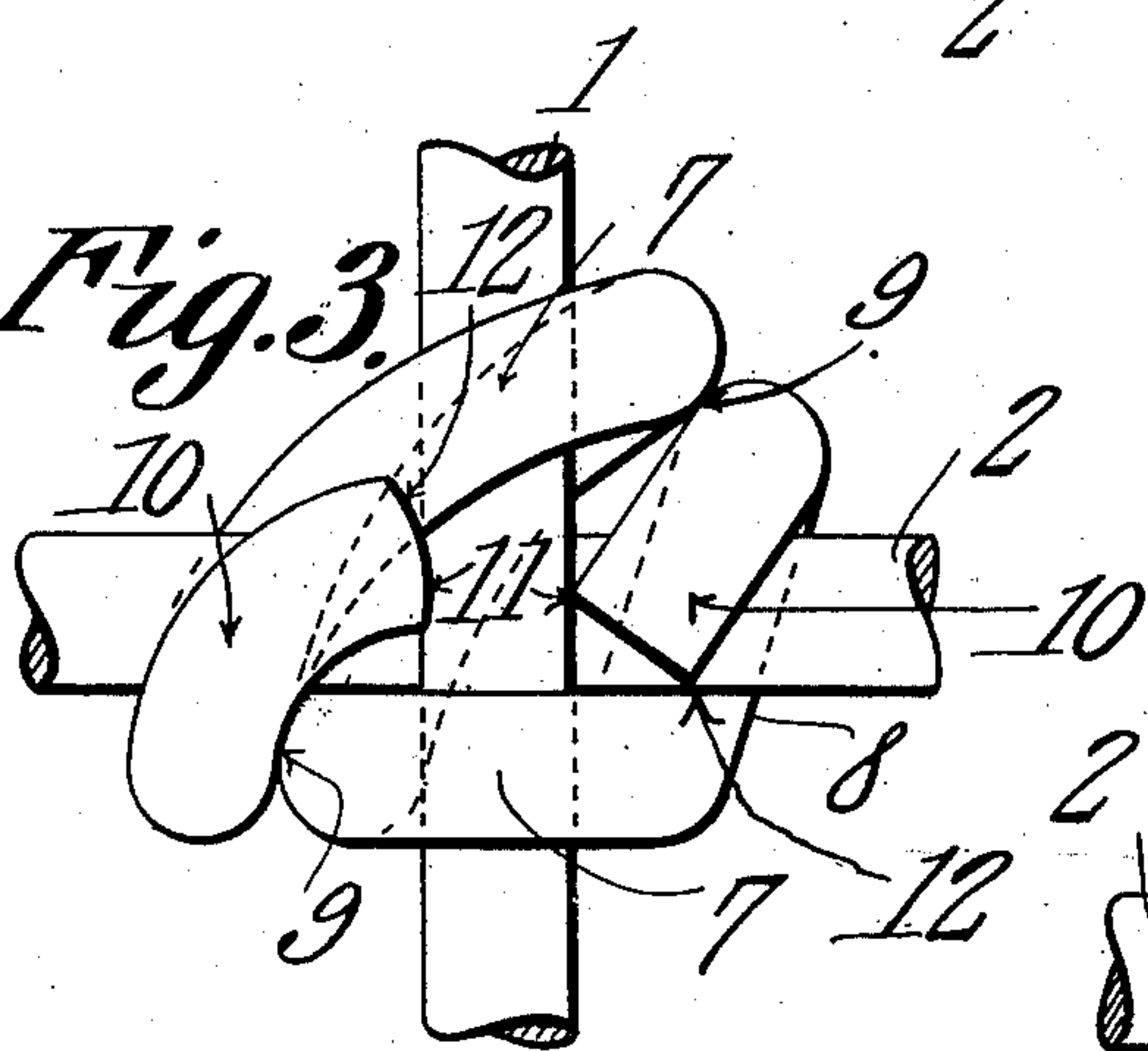


Fig. 5.

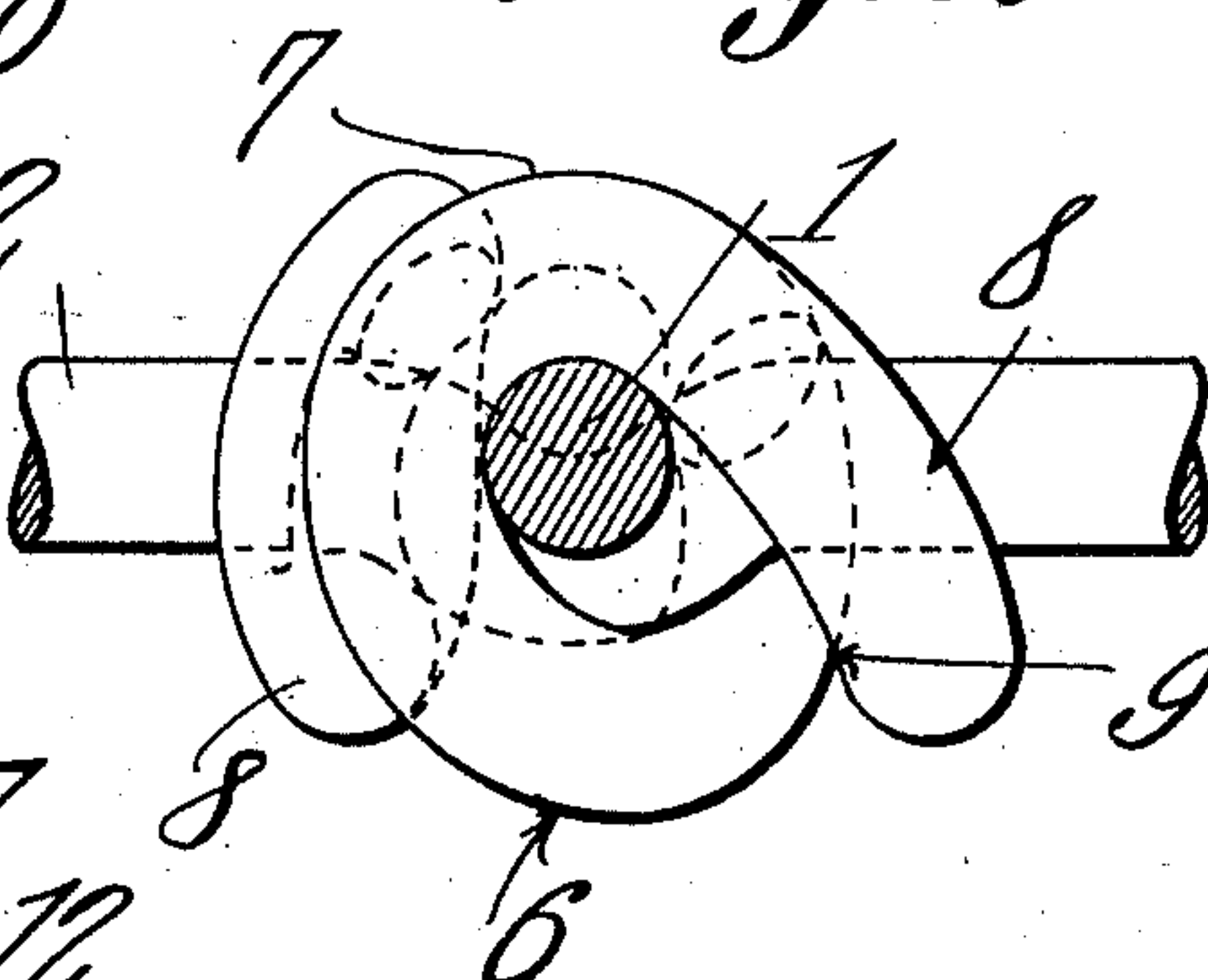
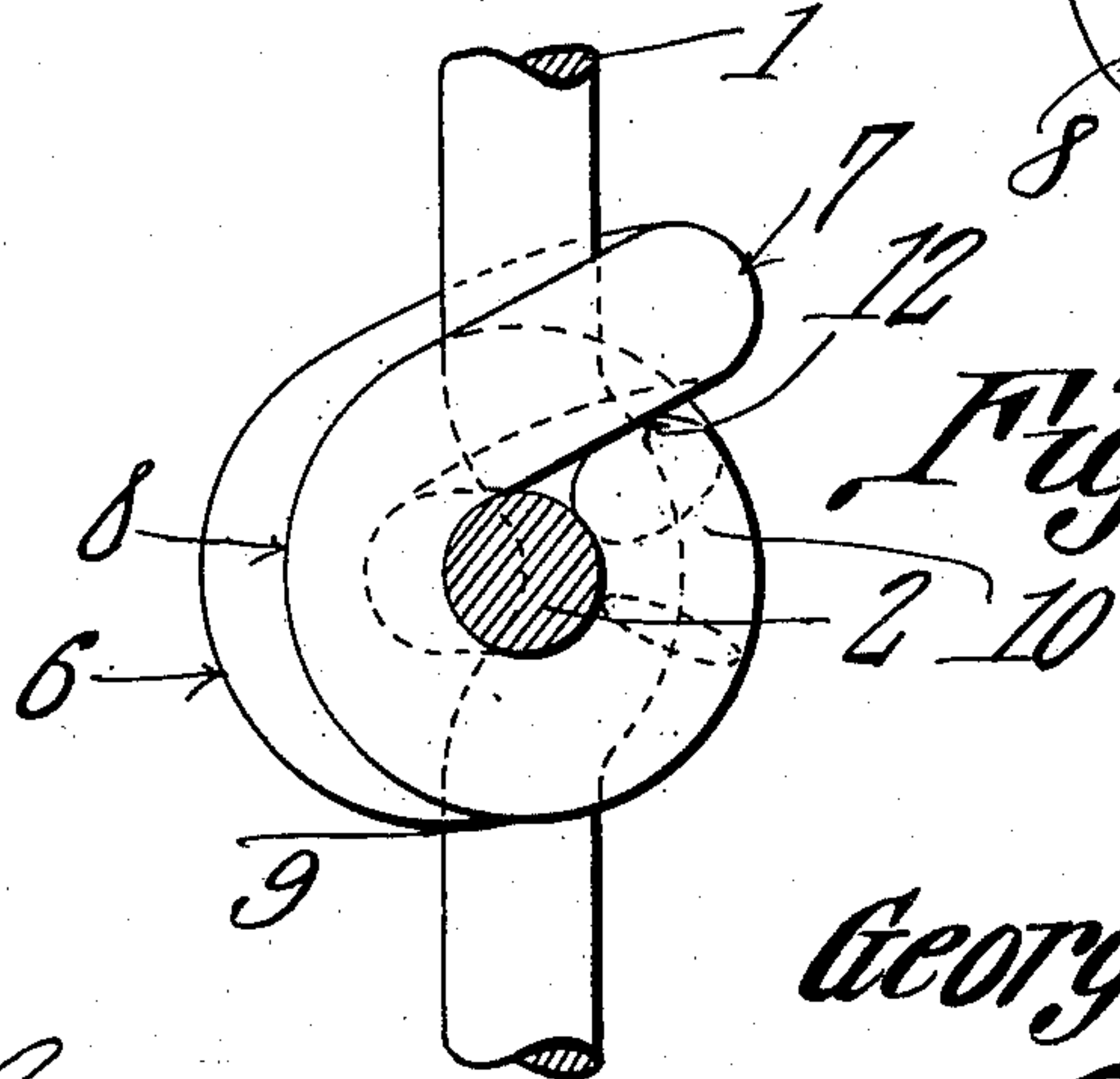


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE HOLMES COCK, OF BRAZIL, INDIANA.

FENCE-TIE.

986,545.

Specification of Letters Patent.

Patented Mar. 14, 1911.

Application filed March 25, 1910. Serial No. 551,527.

To all whom it may concern:

Be it known that I, GEORGE H. COCK, a citizen of the United States, residing at Brazil, in the county of Clay and State of Indiana, have invented a new and useful Fence-Tie, of which the following is a specification.

It is the object of this invention to provide a fence tie of novel and improved form, in which the ends thereof shall be housed securely so as to conceal the said ends.

Another object of the invention is to strengthen the construction of a fence tie of the sigmoidal type.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

Figure 1 of the drawings is an elevation, showing the crossed wires, the tie wire being removed; Fig. 2 is a front elevation showing the crossed wires bound by the tie wire; Fig. 3 is a rear elevation; Fig. 4 is a side elevation; and Fig. 5 is a top plan.

In the drawings, a pair of crossed wires are shown, one of which wires, denoted by the numeral 1, will, for convenience in definition, be denominated the primary wire, the other, secondary wire, being denoted by the numeral 2. At their point of crossing, the wires 1 and 2 are oppositely bent, as denoted by the numeral 3, in the usual manner, to interlock with each other.

A pair of crossed wires preferably, although not necessarily disposed as shown in Fig. 1, are connected by a sigmoidal tie wire, the outline of which is seen most clearly in Fig. 2. The central portion 6 of this tie wire is disposed diagonally of the crossed wires 1 and 2, across their intersection. The bends 7 of the tie wire are extended across the primary wire 1, upon the same side of the primary wire, but in opposite directions and thence across the secondary wire 2, in opposite directions, upon the same side of the secondary wire, as shown at 8. These portions 8 which are carried about the secondary wire 2 contact at 9 with the bends 7 of the tie wire. The extremities 10 of the tie wire are bent closely about the secondary wire 2, and are brought into contact at 11 with the primary

wire 1, and likewise to contact at 12 with the bends 7 of the tie wire.

From the foregoing construction it will be seen that the extremities 10 of the tie wire are disposed closely about the secondary wire 2 and housed within the contour of the tie wire, in such a way that an unusually strong union is effected, the portions 10 of the tie wire, moreover, being ineffective to injure stock which may rub against the fence tie. Moreover, the contacts at 9, 11 and 12, serve greatly to strengthen the structure.

Having thus described the invention, what is claimed is:—

1. The combination with crossed primary and secondary wires, of a sigmoidal tie wire having its central portion disposed diagonally of the crossed wires across their intersection and having its bends extended across the primary wire upon the same side thereof and in opposite directions, the ends of the tie wire being bent about the secondary wire in contact with the bends of the tie wire, the extremities of the ends being disposed in contact with the bends of the tie wire.

2. The combination with crossed primary and secondary wires, of a sigmoidal tie wire having the central portion 6 disposed diagonally of the crossed wires across their intersection, the bends 7 of the tie wire being extended across the primary wire, upon the same side thereof, but in opposite directions, and thence across the secondary wire, in opposite directions, upon the same side of the secondary wire, as shown at 8, the portions 8 being in contact as at 9, with the bends 7 of the tie wire, the extremities of the tie wire being bent closely about the secondary wire and brought into contact as at 11 with the primary wire, and likewise into contact as at 12 with the bends 7 of the tie wire.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GEORGE HOLMES COCK.

Witnesses:

LLOYD ROBERTSON,
E. W. BAKER.