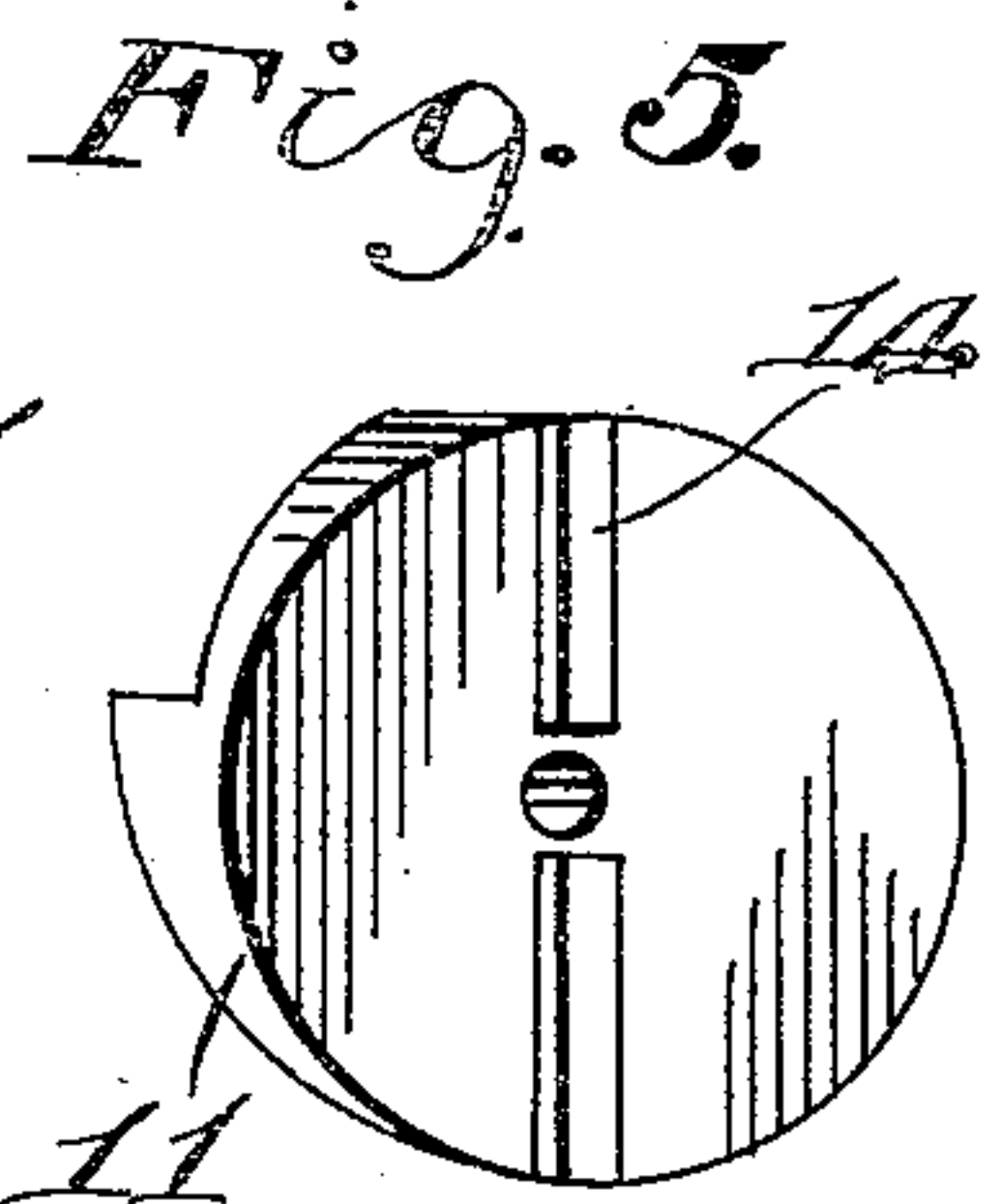
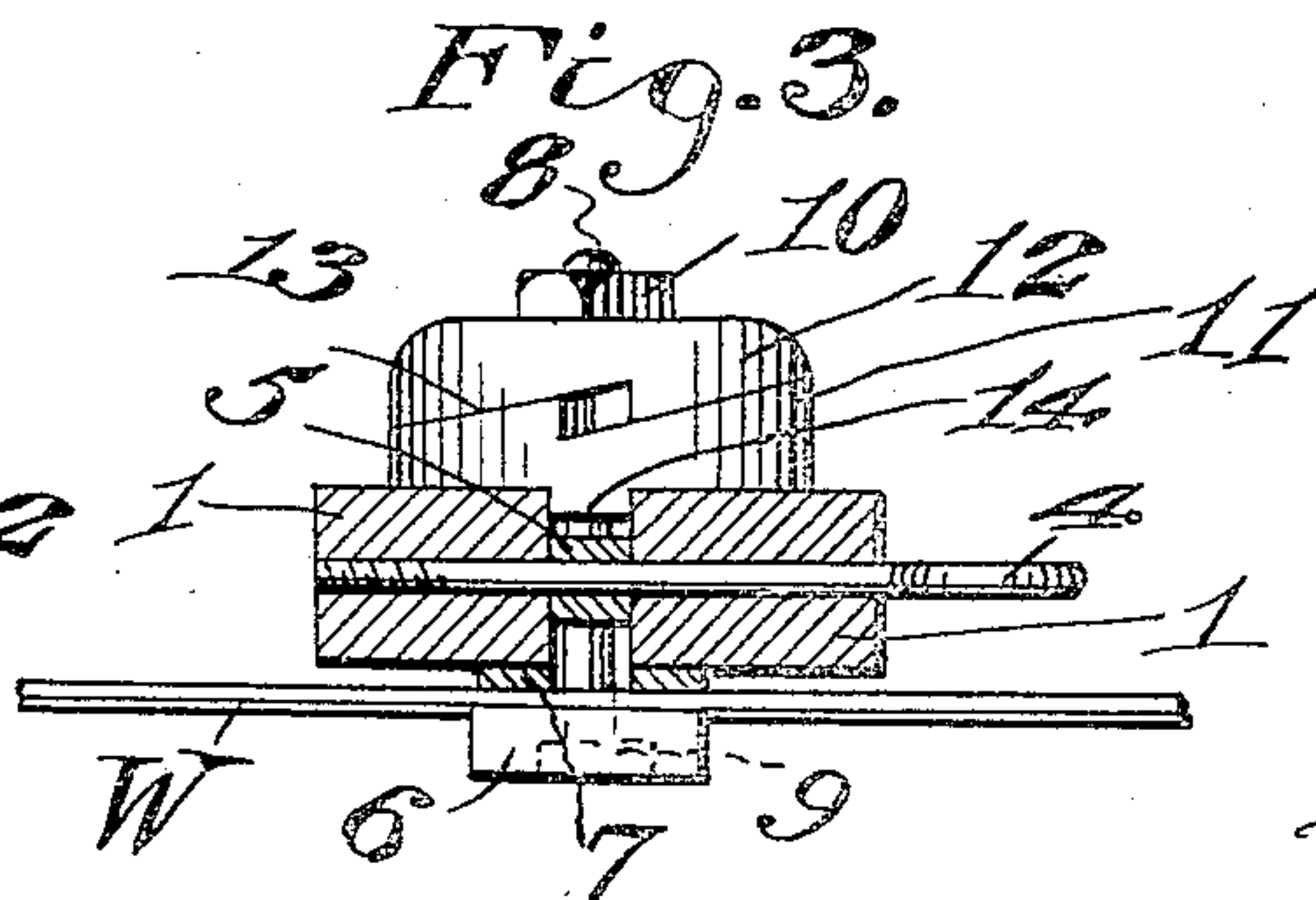
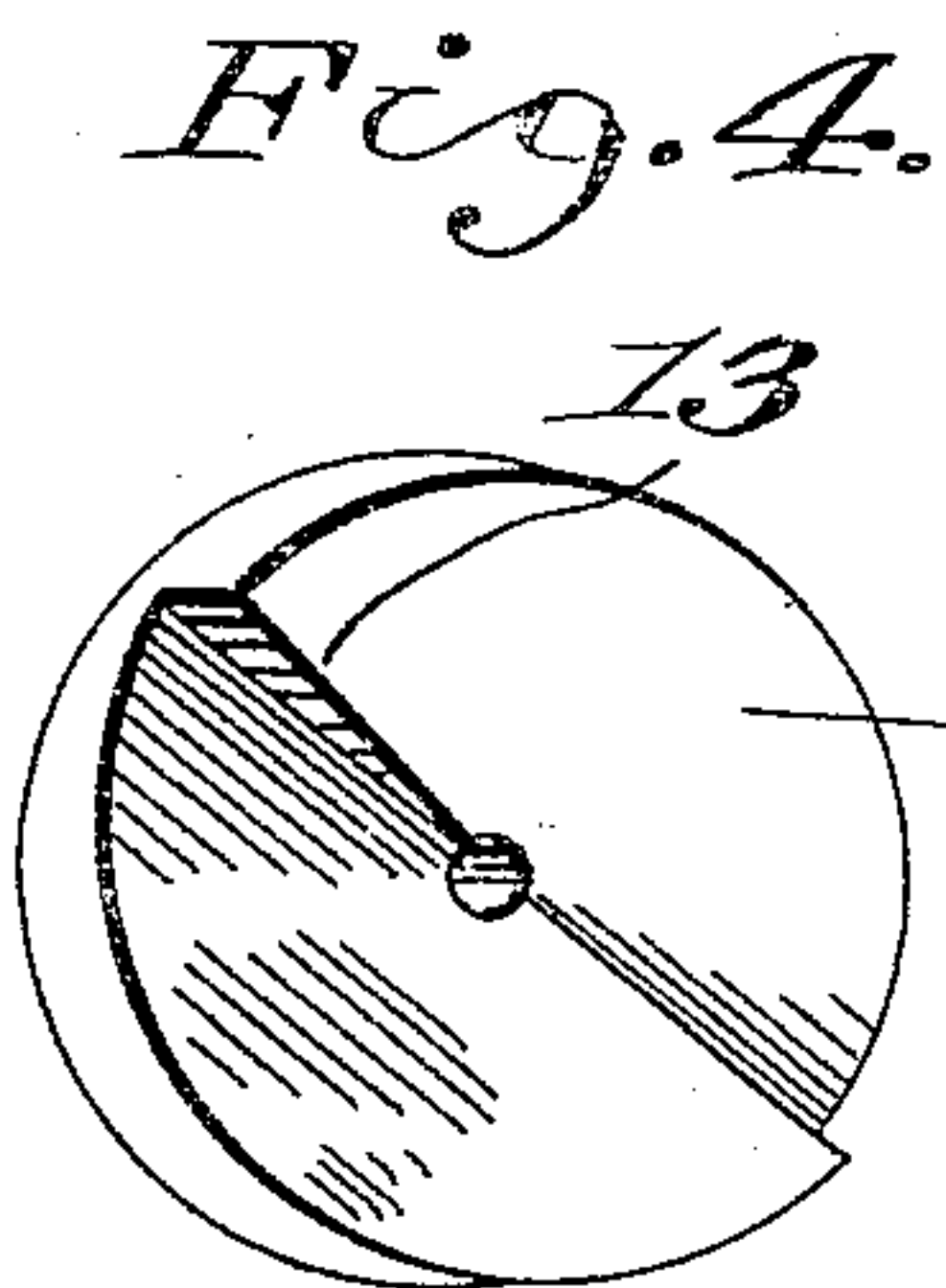
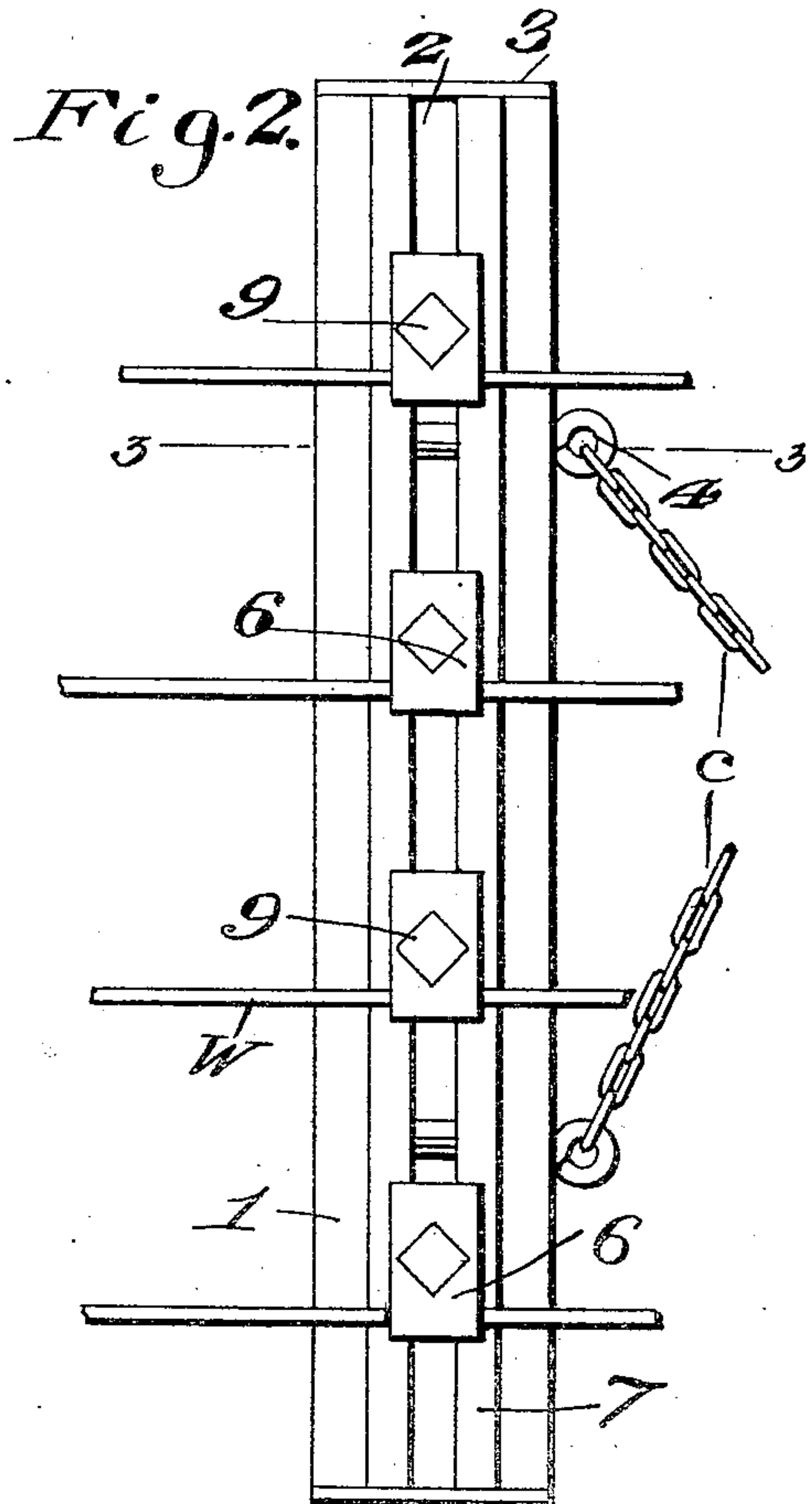
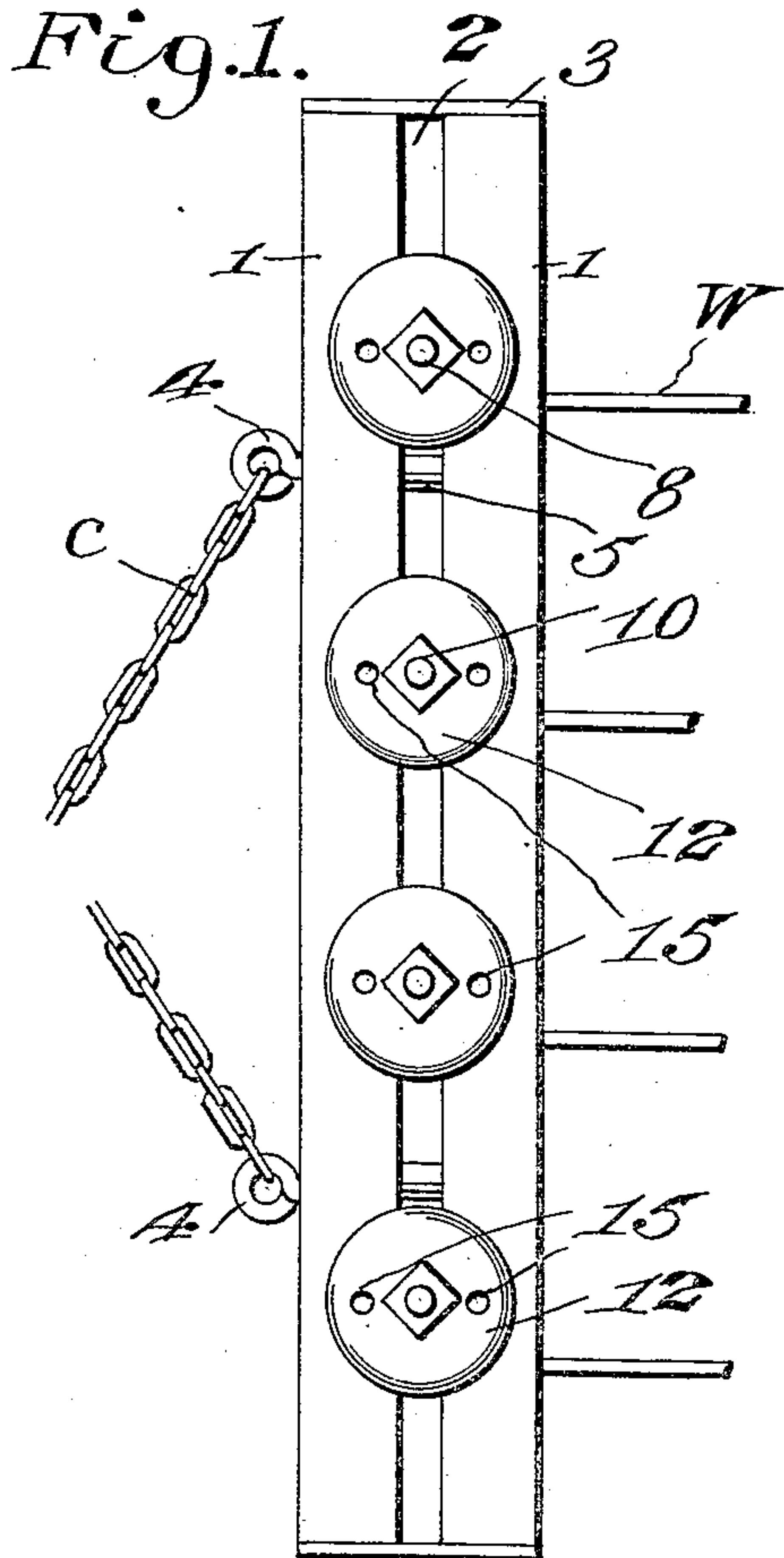


E. J. McCAIN.
FENCE WIRE CLAMP.
APPLICATION FILED JULY 27, 1909.

948,426.

Patented Feb. 8, 1910.



Witnesses:—
Joe. P. Waller,
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UNITED STATES PATENT OFFICE.

EDWARD J. McCAIN, OF SANFORD, NORTH CAROLINA, ASSIGNOR OF ONE-HALF TO
WILLIAM S. WEATHERSPOON AND JAMES PARDO, OF SANFORD, NORTH CAROLINA.

FENCE-WIRE CLAMP.

948,426.

Specification of Letters Patent.

Patented Feb. 8, 1910.

Application filed July 27, 1909. Serial No. 509,766.

To all whom it may concern:

Be it known that I, EDWARD J. McCAIN, a citizen of the United States, residing at Sanford, in the county of Lee and State of North Carolina, have invented certain new and useful Improvements in Fence-Wire Clamps, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in clamps for fence wires, wire fencing and the like.

15 The object of the invention is to provide a simple, inexpensive and practical device of this character which may be conveniently and effectively used in connection with a fence wire stretcher.

20 With the above and other objects in view, the invention consists of the novel construction, combination and arrangements of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings in which—

25 Figure 1 is a front elevation of the improved clamp. Fig. 2 is a rear elevation of the same. Fig. 3 is a detail horizontal section taken on the plane indicated by the line 3—3 in Fig. 2, and Figs. 4 and 5 are detail views of the two cam members of the clamp.

30 The improved clamp comprises a body consisting of upright bars 1, spaced apart to provide an opening or slot 2, said bars, which are preferably made of wood, are united and spaced apart by upper and lower end plates 3, suitably secured to the ends of said bars, and the intermediate portions of said bars are united by eye bolts 4. These eye bolts pass through one of the bars 1 and have a threaded engagement with the other, as shown in Fig. 3. Sleeves 5 are arranged on the eye bolts between the bars 1 to space them apart. To the eyes of the bolts 4 may be connected chains or similar connections C which unite the clamp to a wire stretcher, or to a suitable anchorage.

45 The fence wires W are connected to the body of the clamp by means of clamp plates 6 which press the wires against metal strips 7, secured to the bars 1 adjacent the opening

or slot between them. Each of the plates 6 is adjustably secured to the body of the clamp by means of a bolt 8 arranged for vertical movement in the slot or opening 2 and having its head set in one of the plates 6, as indicated by the dotted lines at 9 in Fig. 3, whereby the bolt will be prevented from rotating. On the threaded end of each of the bolts 8 is provided a clamp nut 10, and between this nut and the bars 1 are coacting cam members 11, 12. The latter are in the form of disks provided on their opposing faces with co-acting cams 13 which ride upon each other when the outer member or disk 12 is rotated, for the purpose of drawing the bolt 8 through the body and thereby causing the clamp plate 6 to tightly bind the wire W. The inner member or disk 11 is held from rotation by forming upon its inner face a transverse rib or ribs 14, which latter enter the opening or slot 2 between the bars 1 of the body, as shown more clearly in Fig. 3. To permit the outer member or disk 12 to be readily rotated its outer face is formed with sockets 15 for the reception of the prongs of a spanner wrench.

In operation, the nuts 10 and cam disks 12 are loosened so that the fence wires W, or the wires of the fence fabric may be placed beneath the clamp plates 6. When this has been done a spanner wrench is employed to rotate the members or disks 12 and thereby cause the bolts 8 to be drawn through the body to cause the clamp plates 6 to tightly bind the wires W against the wear strips 7. It will be seen that by arranging the bolts 8 in the opening or slot 2 the clamp devices may be adjusted vertically or longitudinally of the body.

Having thus described the invention, what I claim is:

The herein described clamp comprising spaced body bars, end plates uniting said bars, transverse bolts extending through the space between the body bars, wire clamping plates apertured and recessed to receive said bolts and the heads of the latter, said clamp plates being adapted to receive wires between

them and the body bars, nuts upon the threaded ends of said bolts, and a pair of co-acting cam disks on each of said bolts between the nuts and the body bars, said cam
5 disks having their opposing faces formed with inclined cam portions, and the inner disk of each pair being formed with projecting ribs to enter the space between the body

bars and hold said inner disk against rotation.

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

EDWARD J. McCAIN.

Witnesses:

F. S. KISSELL,
B. C. PEARCE.