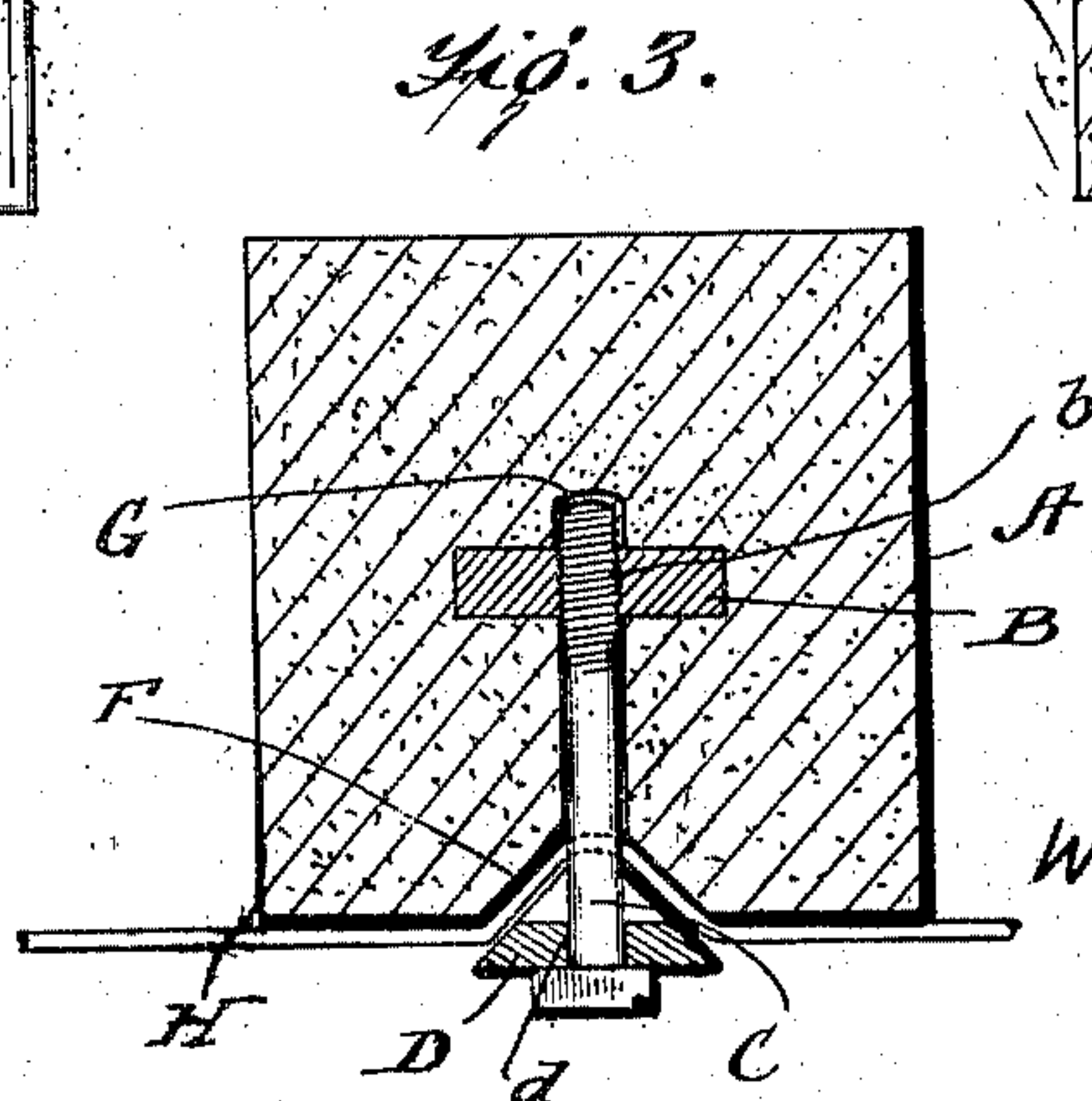
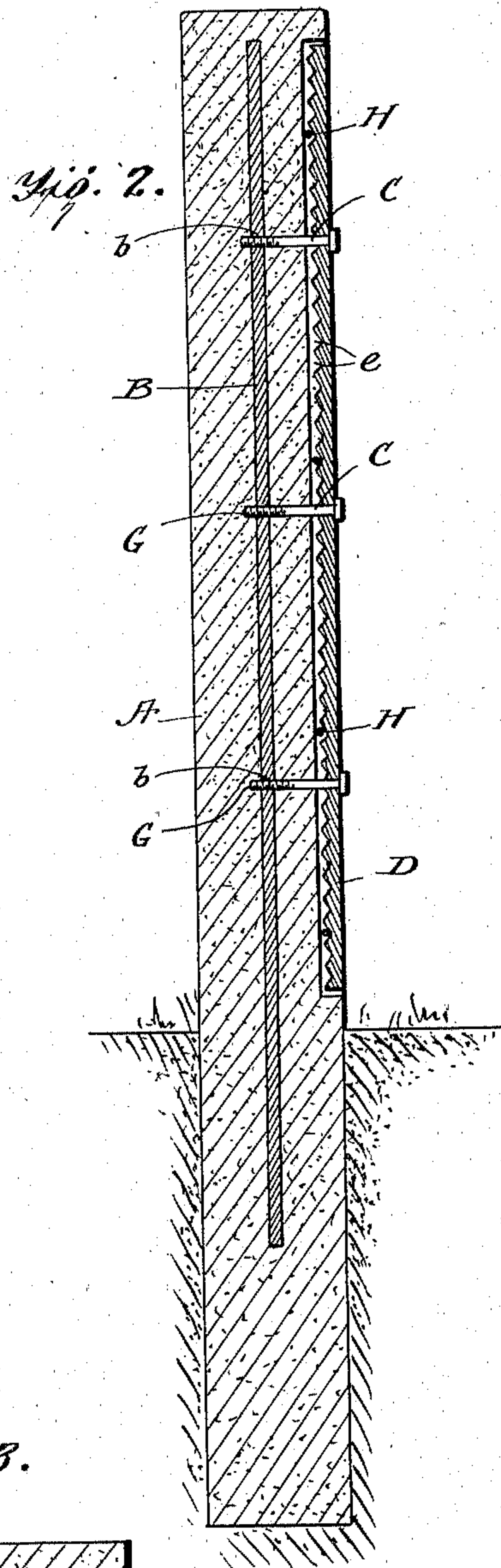
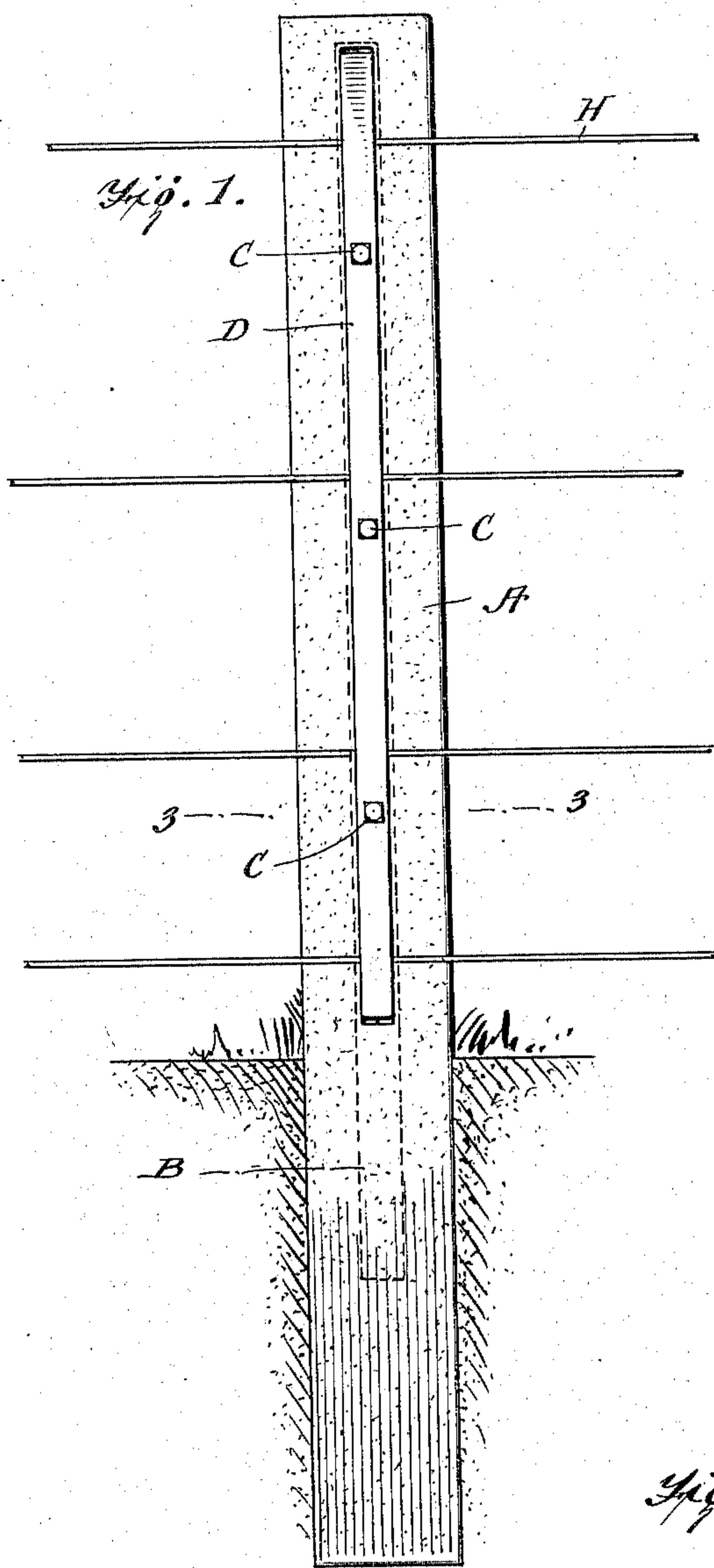


W. W. WALTHER.  
CONCRETE POST.  
APPLICATION FILED APR. 21, 1910.

967,691.

Patented Aug. 16, 1910.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM WEBER WALTHER, OF BOONEVILLE, MISSOURI.

## CONCRETE POST.

967,691.

Specification of Letters Patent.

Patented Aug. 16, 1910.

Application filed April 21, 1910. Serial No. 556,763.

*To all whom it may concern:*

Be it known that I, WILLIAM W. WALTHER, a citizen of the United States, and a resident of Booneville, in the county of Cooper and State of Missouri, have made certain new and useful Improvements in Concrete Posts, of which the following is a specification.

My invention relates to improvements in concrete posts, and it consists in the combinations and constructions and arrangements herein described and claimed.

An object of my invention is to provide a post having a reinforcing member and an attachment adapted to be secured thereto, for fastening wires.

A further object of my invention is to provide a fastening device by means of which the wires carried by the posts may be secured without the use of nails or staples.

Further objects and advantages will appear in the following specification, and the novel features of the device will be particularly pointed out in the appended claim.

My invention is illustrated in the accompanying drawings forming part of this application, in which similar reference characters indicate like parts in the several views, and in which,—

Figure 1 is a front view of a post constructed according to my invention; Fig. 2 is a vertical section through the post at right angles to Fig. 1; and Fig. 3 is a section, in detail, along the line 3—3 of Fig. 1.

Referring now to the drawings, I have shown therein a post A having a body portion made of concrete and having embedded therein a bar B. This bar, as will be seen from the drawings, is situated centrally of the post and extends approximately a foot beneath the ground. The bar B is provided with a series of threaded openings *b* arranged to receive the threaded ends of bolts C. These bolts pass through registering openings *d* in a fastening member D which is attached to one side of the post by means of the bolts. The shape of this fastening member D is best seen in Fig. 3. From this figure it will be observed that the fastening member is of a triangular shape in section

and it is provided on its inner side with a series of corrugations *e*.

In constructing the posts the rod B and the fastening member D are secured together by means of the bolts C. These members are then put into the mold and the concrete is then packed around them. After the concrete has set the fastening member D and the bolts C may be withdrawn. This leaves a V-shaped groove F of the same shape as the inside portion of the fastening member, and recesses G in the concrete structure for the reception of the bolts.

From the foregoing description of the improved post, the operation thereof may be readily understood. In setting up the fence, the fastening members of any number of posts may be loosened, and laid aside and the wires may be stretched, and, while under tension, the fastening members may be screwed down to clamp wires securely in their stretched condition. The corrugations E prevent the slipping of the wires in a vertical direction, thereby tending to maintain the wires in position.

The above described structure provides a simple and yet durable fence post, with means for readily attaching or detaching the wires therefrom. In ordinary forms of cement posts, the latter, if broken at all, are apt to be broken at the ground-line, but with the reinforcements extending fully a foot below the ground-line, it will be seen that the tendency to break at the ground will be greatly decreased, if not entirely prevented. Moreover, the threaded portions of the bolts, as well as the threaded portions of the reinforcing members are incased in the concrete and therefore are not subject to the action of the elements.

I claim:

A concrete fence post comprising a main body portion having a longitudinal groove on one side thereof and recesses extending inwardly from said groove, a centrally disposed reinforcing rod parallel with said groove and having threaded openings registering with said inwardly extending recesses, a triangular-shaped fastening mem-

ber disposed within said groove and having openings adapted to register with said recesses and being provided with corrugations on its inner face, and a series of bolts  
5 extending through the openings in said fastening member and through said recesses and having their ends secured in the respec-

tive threaded openings in said reinforcing member.

WILLIAM WEBER WALTHER.

Witnesses:

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J. S. UNDERWOOD, Jr.