

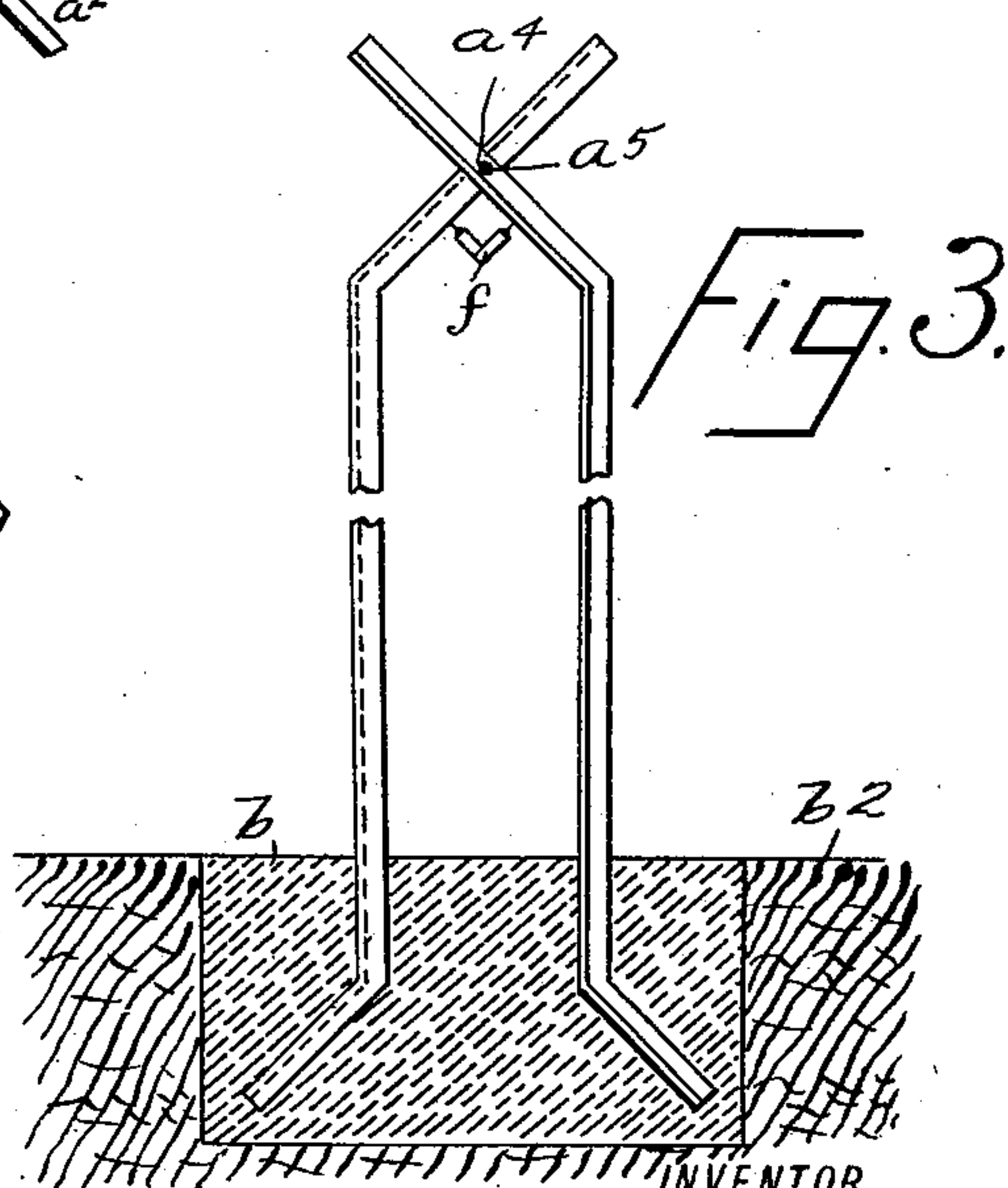
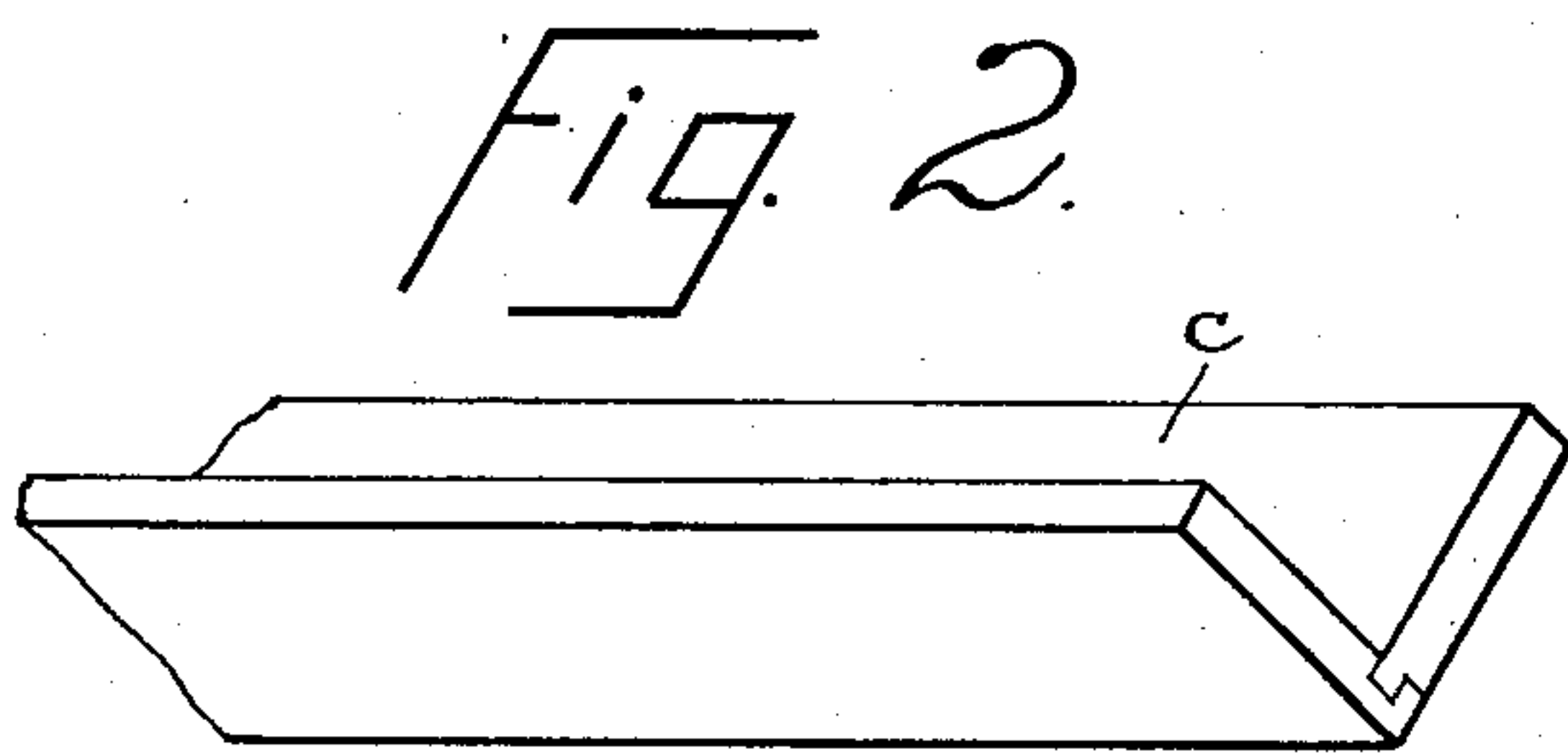
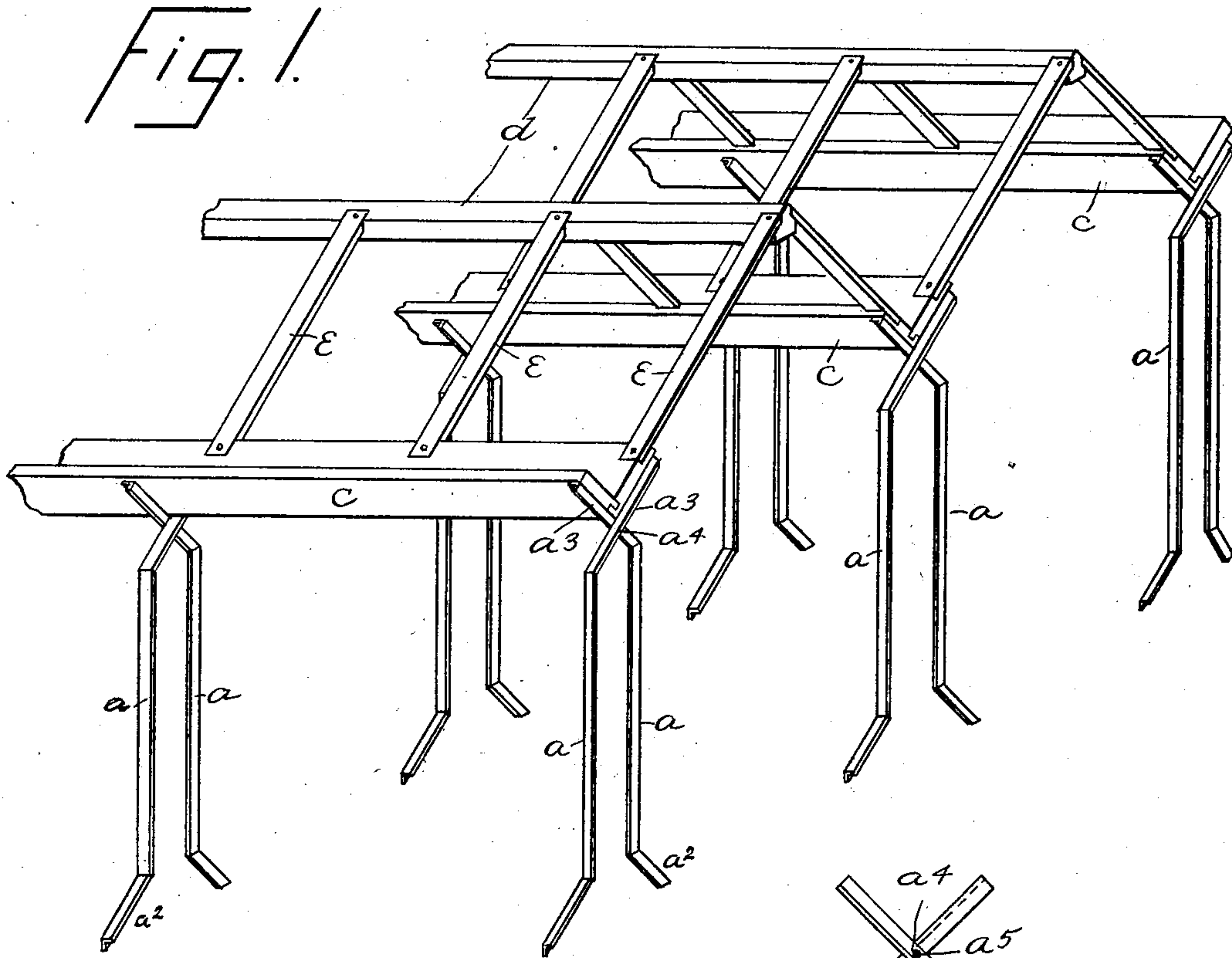
No. 701,610.

Patented June 3, 1902.

H. PLADECK.  
HOTHOUSE CONSTRUCTION.

(Application filed Mar. 27, 1902.)

(No Model.)



WITNESSES

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# UNITED STATES PATENT OFFICE.

HUGO PLADECK, OF MIDDLE VILLAGE, NEW YORK.

## HOTHOUSE CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 701,610, dated June 3, 1902.

Application filed March 27, 1902. Serial No. 100,213. (No model.)

*To all whom it may concern:*

Be it known that I, HUGO PLADECK, a citizen of the United States, residing at Middle Village, Long Island, in the county of Queens and State of New York, have invented certain new and useful Improvements in Hothouse Construction, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to the structure of hothouses; and the object thereof is to provide an improvement in structures of this class whereby such structures are made strong and durable and are properly drained, these results being accomplished without additional expense.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same reference characters in each of the views, and in which—

Figure 1 is a perspective view of the framework of a hothouse made according to my invention; Fig. 2, a corresponding view of a detail thereof, and Fig. 3 an end view of one of the side-wall frames which I employ.

This invention relates particularly to the framework or supports of a hothouse, and for this reason only such framework or supports are shown, the roof and side and end walls being omitted from the drawings forming part of this specification.

In the practice of my invention and in the construction of the side walls of a hothouse and also in the construction of central or interior longitudinal walls or supports, if the latter be necessary, I employ posts *a*, consisting of ordinary angle-irons, the lower ends of which are preferably bent outwardly, as shown at *a*<sup>2</sup>, and the said lower end of these posts are sunk in a cement bed *b*, as shown in Fig. 3, the earth being indicated at *b*<sup>2</sup> in said figure. The upper ends of the posts *a* are bent at an angle of about forty-five degrees, as shown at *a*<sup>3</sup>, and these angular portions of said posts are crossed at *a*<sup>4</sup> and secured together where crossed by a bolt or other device *a*<sup>5</sup>, and the crossing of the parts *a*<sup>3</sup> forms a fork in which the trough *c* is placed.

In Fig. 1 of the drawings I have shown a structure involving two similar parallel parts, three rows of posts being employed, together with two ridged poles *d* and three of the troughs *c*, thus making a double structure, and the rafters *e* are connected at their upper ends with the ridged poles and at their lower ends with one side of the trough or troughs *c*, and this connection may be made in any desired manner. It will be understood that the roofs are placed upon the ridged poles and rafters in the usual manner and are not shown for the reason that the same form no part of this invention, and in practice the side and end walls are connected with the post compound of the angle-irons *a* in the usual manner, said side and end walls being also not shown in this case. It will be apparent that the hothouse made in this manner may be of any desired length and in any desired width, and in practice I also prefer to place beneath the trough or troughs *c* small trough *f*, which may be connected with the angular portions *a*<sup>3</sup> of the post members *a* in any desired manner, and the object of which is to catch any leakage that may pass through the corresponding trough or through the bottom thereof. By means of this construction I am enabled to form a strong hothouse-frame at a comparatively slight cost, and my invention is not limited to the exact form of the posts composed of the angle-irons *a*, herein described, nor to the method of setting the same in the ground, and other changes in and modifications of the construction herein shown and described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. In a hothouse structure, side and end wall posts, each of which is composed of two bars of angle-iron, the upper ends of which are bent and crossed and secured together to form a trough-support, and the lower ends of which are set into the ground, substantially as shown and described.

2. A hothouse structure, the supports of which consist of posts composed of angle-irons, the lower ends of which are set into

the ground and the upper ends of which are  
bent and crossed at an angle and secured to-  
gether where crossed, so as to form a trough-  
support and a trough placed therein and form-  
5 ing a support for the rafters of the roof, sub-  
stantially as shown and described.

In testimony that I claim the foregoing as

my invention I have signed my name, in pres-  
ence of the subscribing witnesses, this 26th  
day of March, 1902.

HUGO PLADECK.

Witnesses:

F. A. STEWART,  
F. F. TELLER.