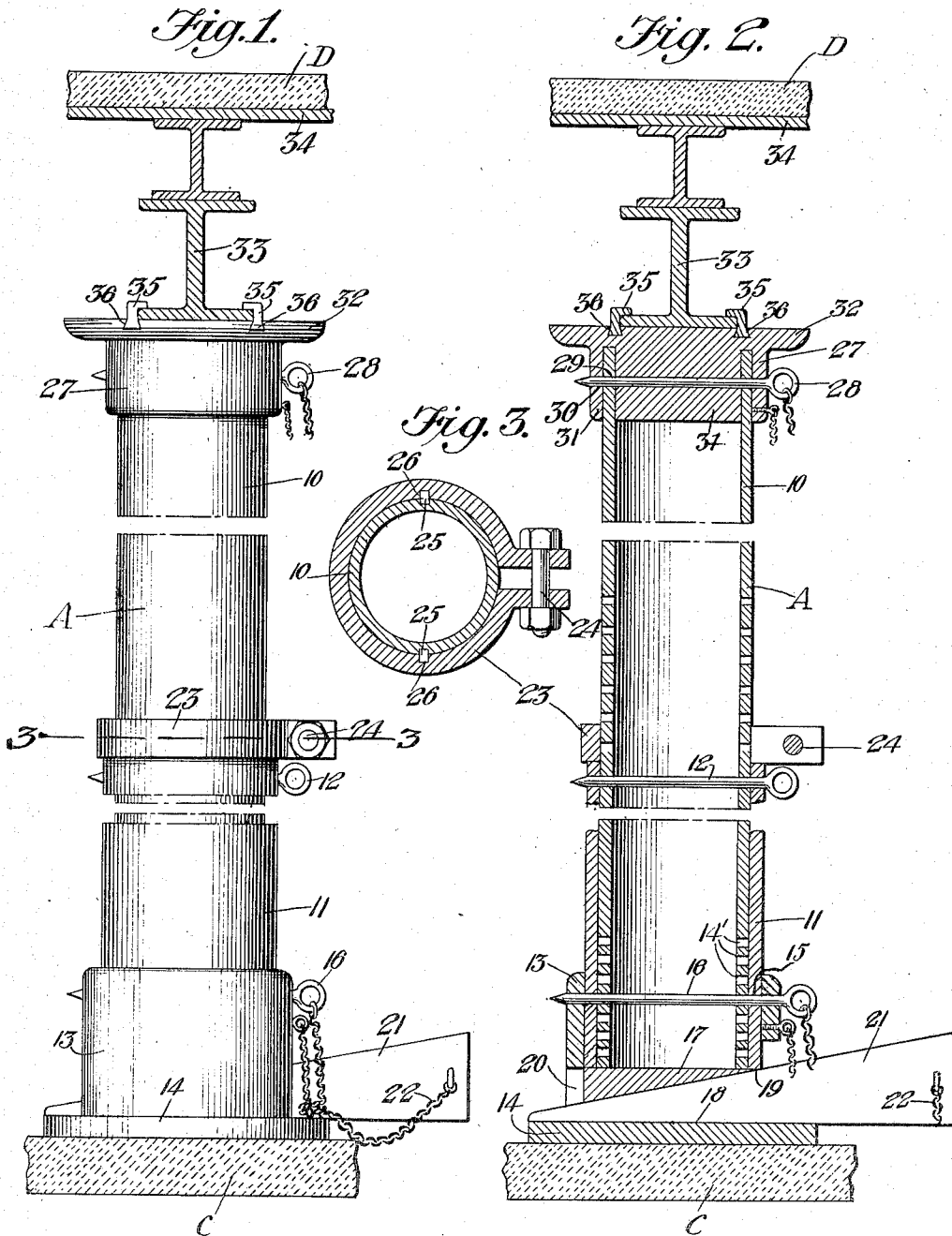


H. FOUSE.
SUPPORT FOR CONCRETE CONSTRUCTION.
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1,300,154.

Patented Apr. 8, 1919.



WITNESSES

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERMAN FOUSE, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented new and useful Improvements in Supports for Concrete Construction, of which the following is a specification.

This invention relates to false work for concrete construction and more particularly to the supports used for maintaining said false work in position during the period of construction.

The primary object of the invention is the provision of a support for false work used in connection with concrete construction, whereby, the forms or molds may be adjusted and held in position during the operation of filling the forms, and maintained in such position until the work is "set".

Another object of the invention is the provision of a support which is portable and is capable of being adjusted to accommodate itself to the particular work, and is provided with means for obtaining the particular and accurate adjustment after the support has been adjusted to the approximate height.

A further object of the invention is the provision of a support which is of novel construction, and which may be easily and quickly adjusted and one that may be repeatedly used, thereby reducing the cost of the work.

With the above and other objects in view the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings;

Figure 1 is a fragmentary side elevation of a beam support constructed in accordance with the invention and illustrated in use;

Fig. 2 is a vertical longitudinal sectional view of the same;

Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

Similar characters of reference denote corresponding parts throughout the several views of the drawings.

Referring to the drawings in detail A designates generally the support, C the build-

ing foundation and D the second floor of the building.

The support A includes the telescopic sections 10 and 11, which are adjustably held together by means of a locking pin 12 which is passed through apertures in the sections 10 and 11. The section 10 is provided with a plurality of these apertures in order that the support may be lengthened and shortened as desired. The section 11 is received within a socket 13 formed upon a base 14 which rests upon the foundation C. In order to provide a further adjustment between the members 10 and 11 spaced apertures 14' are formed in the lower end of the member 10 and are adapted to register with apertures 15, for the purpose of receiving a key 16 similar to the key 12, and by means of which the sections are locked within the socket 13. The socket 13 is provided with a false bottom 17 and this bottom is formed with a transverse slot 18 provided with an inclined inner face 19. The slot 18 is adapted to register with the oppositely arranged slots 20 formed in the lower end of the socket 13, and a wedge 21 is adapted to enter these slots for the purpose of providing an accurate adjustment for the support. If desired this wedge may be secured to the socket by means of a chain 22. Surrounding the section 10 is a split collar 23 which carries an adjusting bolt 24, the collar being provided at diametrically opposite points with retaining lugs 25, which engage depressions 26 in the section 10 for the purpose of preventing the slipping of the collar when clamped thereon. At its upper end the section 10 is provided with a removable cap 27, which is secured thereto by means of a key 28 which passes through apertures 29 formed in the section 10, and similar apertures 30 formed in the flange 31 are provided upon the cap. An annular flange 32 is formed on the cap for the purpose of providing a broad operating surface thereon. Upon the cap are positioned superimposed I beams 33 which serve to support the sub-flooring for the formation of the concrete floor D hereinbefore mentioned. In order to hold the I beams 33 in position upon the cap there is provided clamps 35 which are adapted to engage the flanges of the I beam as shown, the said clamps being secured in dove-tailed

slots 36. If desired various other means may be superimposed upon the cap 27 for the purpose of supporting the sub-flooring 34, it not being deemed necessary however, to
5 illustrate these various methods.

Changes in the form, proportion and minor details of construction may be made without departing from the spirit or sacrificing any of the advantages of the inven-
10 tion.

Having described the invention, what is claimed is;

A support for concrete construction, comprising inner and outer telescopic sections
15 and socket base receiving said sections, means

for adjustably locking the inner telescopic section within the outer section and within the socket base, a false bottom positioned in the socket of the base, said false bottom having a transverse slot formed with an in- 20
clined upper wall, and a wedge adapted to be positioned within said slot and within the oppositely arranged slots formed in the walls of the base and registered with the slot in the false bottom to provide an addi- 25
tional adjustment between the inner and outer telescopic sections.

In testimony whereof I affix my signature.

HERMAN FOUSE.