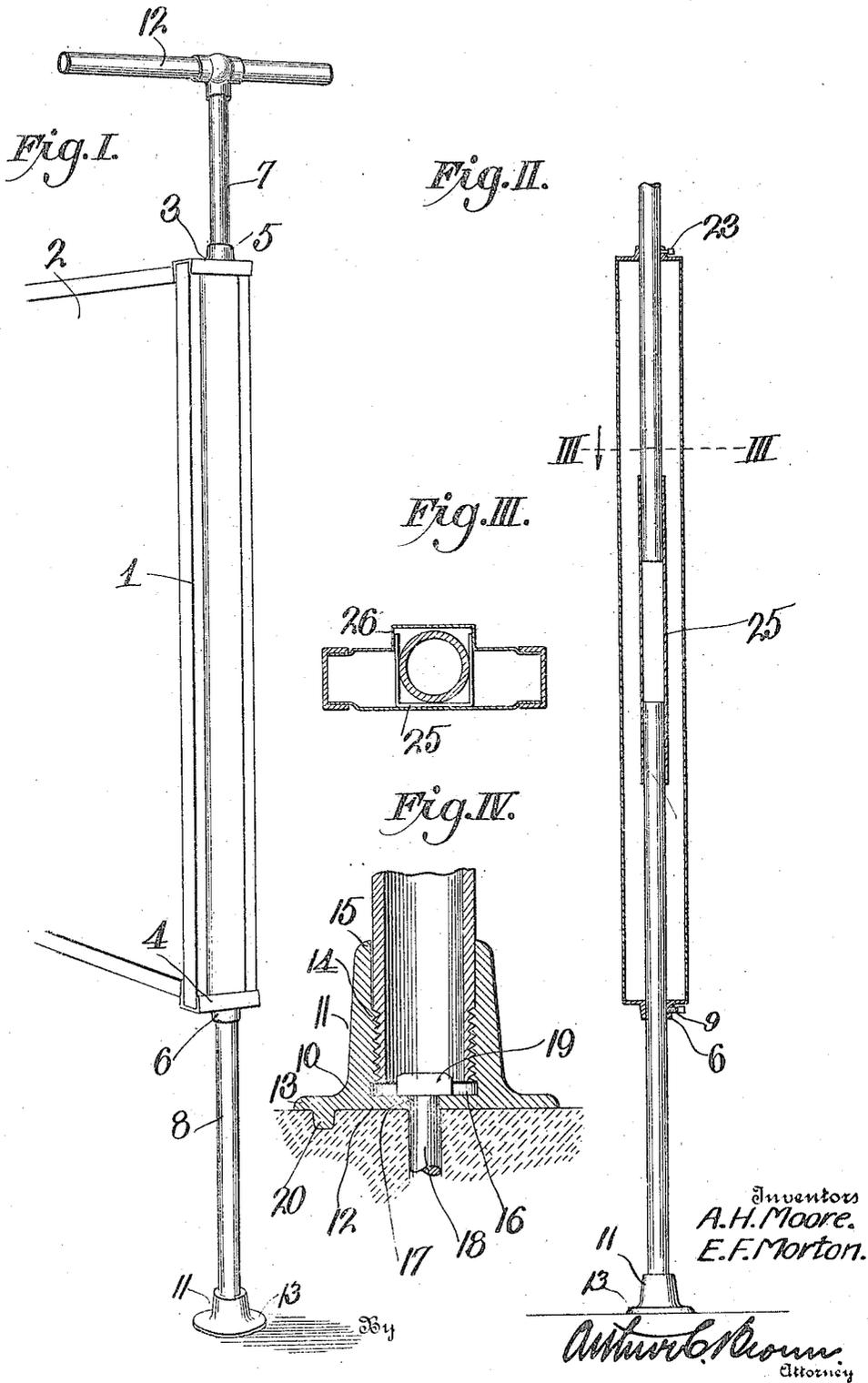


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PARTITION SUPPORT.
APPLICATION FILED AUG. 23, 1915.

1,221,205.

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UNITED STATES PATENT OFFICE.

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PARTITION-SUPPORT.

1,221,205.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, ADELBERT H. MOORE and EDWARD F. MORTON, citizens of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Partition-Supports; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Our invention relates to supports for partitions or the like and has for its principal object to provide a structure which may be securely fixed to a concrete or other floor, which may be adjusted vertically to provide proper alinement of a number of partitions supported on an inclined floor and which is sanitary and sightly in appearance.

In accomplishing these objects we have provided improved details of structure, the preferred forms of which are illustrated in the accompanying drawings, wherein:—

Figure I is a perspective view of a support constructed according to our invention, illustrating its combination with an ordinary closet partition.

Fig. II is a central vertical section of the support.

Fig. III is an enlarged cross section of the line III—III Fig. II.

Fig. IV is an enlarged vertical section of the floor shoe, illustrating its mounting on a concrete base and the connection of a tubular standard with the shoe.

Referring more in detail to the drawings:

1 designates a housing of any suitable construction or type, and which is combined with the partition body 2 in any suitable manner, the upper and lower ends of the housing being provided with caps 3—4, having collars 5—6 through which the tubular standard members 7—8 are projected to give the appearance of a single pipe extending entirely through the housing 1, the said collar being securely anchored to the standard members 8 and 7 by set screws 9 and 23 when the housing has been properly adjusted as to height. The lower end of the lower standard section 8 is seated in a shoe 10, comprising a barrel 11 having a closed bottom 12

and an outstanding flange 13, the interior of the barrel being provided with screw threads 14 near the bottom, and with a smooth portion 15 that opens through the top of the barrel, the lower portion of the inner surface of the barrel being smooth and enlarged to form a working chamber 16 to facilitate the placement of a bolt or the like through an aperture 17 in the bottom of the barrel. It is apparent that with a shoe of this construction the bolt shank 18 may be projected through the aperture 17 into a concrete or other foundation, so that the end 19 will rest on the bottom of the barrel, to hold the barrel firmly in position. In order to further anchor the barrel in place, I provide the bottom thereof with a downstanding lug 20 which may be anchored in a concrete floor or may be driven into wood flooring, a girder or the like.

With the lower standard section 8 threaded for only a short distance up from its lower end, a smooth unthreaded part is exposed above the top of the shoe, it not only affords a more sightly appearance to the structure, but avoids exposing the thread crevices for the accumulation of dust and dirt, thereby rendering the structure much more sanitary than if the threads extended above the barrel of the shoe. The upper standard section 7 is connected, at its upper end, with frame members 2 and extends, at its lower end, through the collar 5 of the upper housing cap 3 into the interior of the housing, where it is adjustably secured to the housing by a set screw 23 that extends through the cap 5 into engagement with the standard section.

While the standard section may be firmly and securely attached to the housing by means of the set screws 9—23, we have provided means for anchoring the free ends of the sections within the housing 1 in order to prevent their wobbling within the housing and thereby avoid unstableness of the partition because of the two-piece standard construction.

The preferred means for anchoring the free ends of the standard sections, comprises a channel iron 25, the base of which is anchored to the front wall of the housing 1, preferably by welding, and the legs of which extend into a rib 26 that is built up from the back of the housing and serves as an attaching member for the body of the par-

tion 2, the channel iron being of substantial length so that the free ends of the standard sections 7—8 may project thereinto and have adjustment vertically within such anchorage, the dimensions of the channel iron and the standard section being such that the section will slide smoothly within the channel but will contact with the base and legs thereof to form a snug connection.

10 In erecting a partition containing our improvement the frame members 12 and shoes 10 may be placed so that the upper standard section 7 is in perpendicular alinement with the shoe barrel 11. The partition body,

15 with the partition attached thereto and provided with the caps 3—4, are then applied to the suspended standard sections 7 and anchored thereto by tightening the upper set screw 23. The lower standard section 8,

20 which is preferably located within cap collar 6 prior to the placement of the partition, is dropped into the shoe 10 and the threaded end of said section projected into the barrel 11 and screwed thereto, the lower end of

25 said section projecting to the bottom of the barrel, if necessary, so that the tubular lower end of said section will inclose the head 19 of the attaching bolt 18 whereby the shoe is attached to the concrete or other flooring.

30 After the partition member has been assembled it may be leveled by raising or lowering the housing 1 along the standard sections 7—8, and after the members have assumed the proper position the housing is fixed rigidly and permanently to the standard sections by means of the set screw 9 and 23

35 that extend through the upper and lower collars 6—5 respectively to impingement against the standard sections.

40 It is apparent that with this construction the free ends of the standard sections may

slide within the channel anchor 25 and that the limits of adjustment are between the ends of the channel, as the standard sections may move freely therethrough until they abut within the channel.

Having thus described our invention, what we claim as new therein, and desire to secure by Letters-Patent is:—

1. The combination with a housing, of a hollow anchor member fixed to the housing and inclosed thereby, separate standard members having free ends located within the housing and slidably projected into said anchor member, whereby the anchor member and housing may move over the separate standards, and whereby the standards are held in longitudinal alinement by the anchor member.

2. The combination with a housing, of a member, U-shaped in cross section, located within the housing, separate standard sections slidably mounted in opposite ends of the housing and in the U-shaped member, and means for fixing said sections in adjusted positions.

3. The combination with a housing having a longitudinal rib on one face, forming an enlargement of the housing chamber, a member, U-shaped in cross section, having its base fixed to the opposite side of the housing and having its side members projected into the chamber extension, caps on the ends of the housing, separate standard sections slidably mounted in said caps and in the U-member, and means for fixing the standard sections to the caps.

In testimony whereof we affix our signatures.

ADELBERT H. MOORE.
 EDWARD F. MORTON.