

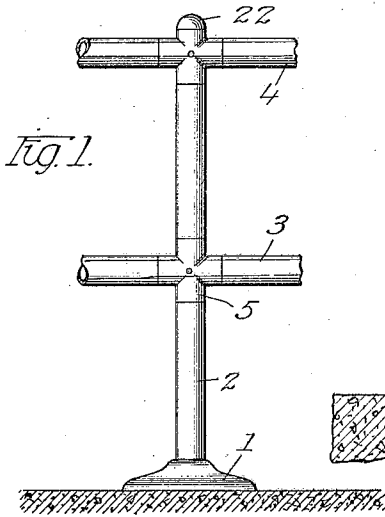
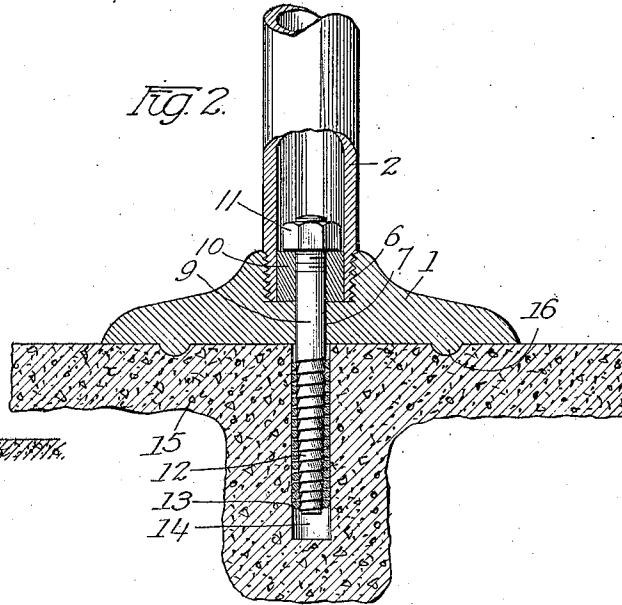
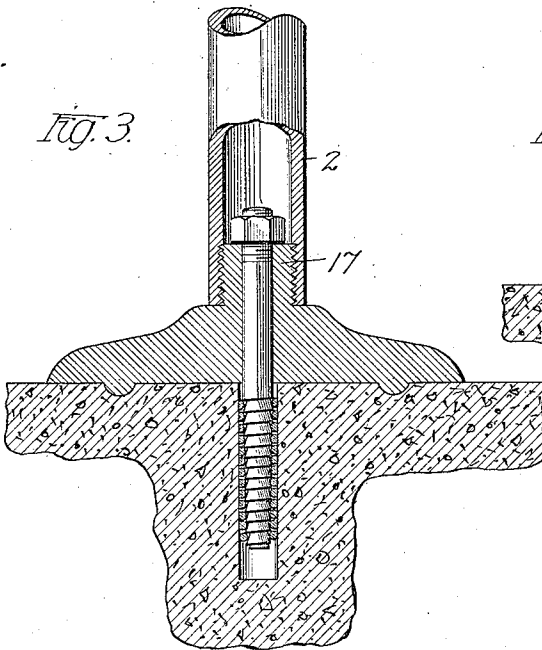
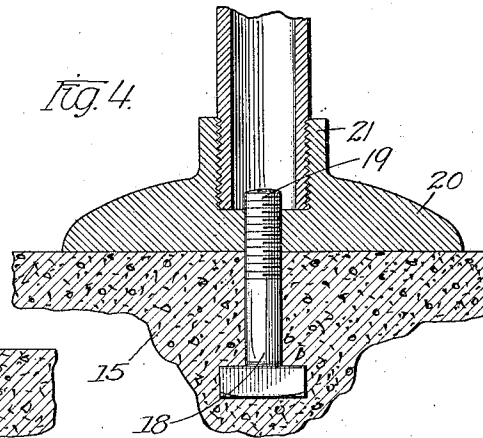
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H. FARRINGTON

SUPPORT

Filed July 12, 1919



INVENTOR

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UNITED STATES PATENT OFFICE.

HARVEY FARRINGTON, OF YONKERS, NEW YORK, ASSIGNOR OF ONE-THIRD TO
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SUPPORT.

Application filed July 12, 1919. Serial No. 310,337.

To all whom it may concern:

Be it known that I, HARVEY FARRINGTON, a citizen of the United States, residing at Yonkers, in the county of Westchester and State of New York, have invented new and useful Improvements in Supports, of which the following is a specification.

This invention relates to supports.

One of the objects of this invention is to provide a support which may be readily and effectively secured in adjusted position.

A further object is to provide a support which is free from dirt-catching holes, or projections whereby it may be readily cleaned and thereby aid in securing sanitary conditions.

A further object is to provide a support which is dependable after it has once been placed in adjusted position.

A further object is to provide a support which requires only one hole in the foundation to which it is attached.

A further object is to provide a support which employs a minimum number of fastenings.

A further object is to provide a support which presents a good appearance.

A further object is to provide a support in which the attaching means are hidden.

A further object is to provide a support of wide application.

Other objects will appear.

Embodiments of the invention are shown in the accompanying drawings.

The views of the drawing are as follows:

Fig. 1 is a view of one form of the invention.

Fig. 2 is a fragmentary sectional view of the lower part of Fig. 1.

Figs. 3 and 4 are views, similar to Fig. 2, of other modifications.

For the purpose of illustration, the invention is shown as applied to railings or fences, but it is equally applicable to other uses, for instance, barber or dental chairs, auto sales stands, mail boxes, restaurant tables, flag poles, and other uses which require a standard effectively secured in adjusted position.

Figs. 1 and 2, showing one form of my invention, will first be described. The support comprises a base 1, a hollow standard 2 carried thereby and extending upwardly therefrom to the means adapted to be sup-

ported, such as the railings 3 and 4. The lower portion 2 of the standard engages the base 1 by means of a right-handed thread, and engages the cross-shaped member 5 by means of a left-handed thread. By this arrangement the railings 3 and 4 may be readily removed from the base 1 inasmuch as the turning of the lower portion of the standard to unscrew it from the base will also serve to unscrew it from the cross-shaped member 5.

Fig. 2 shows the base 1 as the female member and the standard 2 as the male member threaded into the relatively large central opening 6 of the base. A smaller opening 7 centrally arranged in the base is provided for the bolt 9, which is secured in the foundation and passes upwardly through the base and through a sleeve or washer 10, and is clamped to said base by means of a nut 11. In this form of the invention the bolt 9 comprises an expansible bolt such as described in my Patent No. 806,408 of December 5, 1905, which comprises a tapered threaded portion 12, surrounded by a coil 13. This bolt is adapted to have its tapered threaded portion and the coil inserted within a hole 14, provided in the foundation and thereafter clamped in place by forcing the coil 13 into engagement with the walls of the hole. In order to prevent turning of the base 1, it is provided with a plurality of ears 16, which engage in recesses in the foundation. In applying this support it is customary to insert the bolt 9 within the hole 14 and apply a coat of cement wash or other hardening substance to the surface of the foundation immediately under the base 1. The base 1 is then clamped into position by means of the nut 11, and the standard 2 is screwed into the base 1. It is seen that the support may be readily placed in the desired position and may as readily be removed therefrom, as, for example, when it is desired to remove the means carried by the support. The base 1 is given a relatively conical shape and such that the outline thereof merges into that of the standard and presents a pleasing appearance. A further effect of this shape of the base is that the trash which might fall upon the bottom portion of the support will be discharged by the base away from said support and will not be retained thereon, as there are no project-

ing portions or indentations which would cause the trash to lodge upon the base.

Fig. 3 shows a modification differing from that shown in Figs. 1 and 2 in that the base 5 has a projection 17 which forms the male member and is threaded into the standard 2 which then forms the female member. The projection 17 also serves to replace the sleeve or washer 10 in the form shown in 10 Fig. 2.

Fig. 4 shows a further modification in which the bolt 18 is imbedded within the foundation 15 and has a projecting portion 19 which is threaded into the base 20. In 15 this form the base 20 has no projecting ears to prevent its turning and is clamped to the foundation by screwing it down upon the portion 19 of the bolt, the portion 21 being adapted for engagement by a pipe wrench.

A further form which my invention 20 might take would be similar to those previously described except that the bolt would extend upwardly within the hollow standard 2 and would be engaged by a nut either 25 within the first cross member 5 or by a nut which takes the form of an ornamental cap 22 (Fig. 1).

By the practice of this invention the chipping of the foundation around the edge of 30 the base, which often occurs in the present forms of support, is avoided as the sole hole required is adjacent the center of the base and any chipping of the edges of this hole would be hidden by the base. Further than 35 this, the support is conducive to sanitary conditions inasmuch as it has a trash discharging conformation which materially aids in cleaning the support and foundation adjacent thereto.

40 Obviously other structures may be de-

vised which will embody the invention herein set forth.

What I claim is,

1. A support for attachment to a foundation, comprising a base having an outwardly 45 inclined trash discharging surface, threads formed at the top of said base to receive a standard, means to prevent rotation of the base on the foundation, and an expansible bolt extending through said base and re- 50 movably and wedgingly fastened in a hole in the foundation to hold the base and standard securely in position.

2. A support for attachment to a foundation, comprising a base having an outwardly 55 inclined trash discharging surface, said base having an upwardly extending threaded projection for receiving a threaded standard, the engaging threads forming the sole connection between the base and standard, and 60 means for fastening the base to the foundation including a member secured in the foundation and extending through the base and into the lower end of the standard.

3. A support for attachment to a foundation, comprising a base having an outwardly 65 inclined trash discharging surface, said base having an upwardly extending threaded projection for receiving a threaded standard, and means for fastening the base to 70 the foundation including a removable member located in an opening in the foundation and extending through the base and into the lower end of the standard and a wedge 75 surrounding the member and co-operating therewith and the wall of the opening to rigidly fasten the member therein.

In witness whereof, I have hereunto subscribed my name.

HARVEY FARRINGTON.