No. 740,182. PATENTED SEPT. 29, 1903.

W. C. ROOD.

SMOKE GUARD SUPPORT.

APPLICATION FILED MAY 2, 1903.

NO MODEL.

Fig. 1.

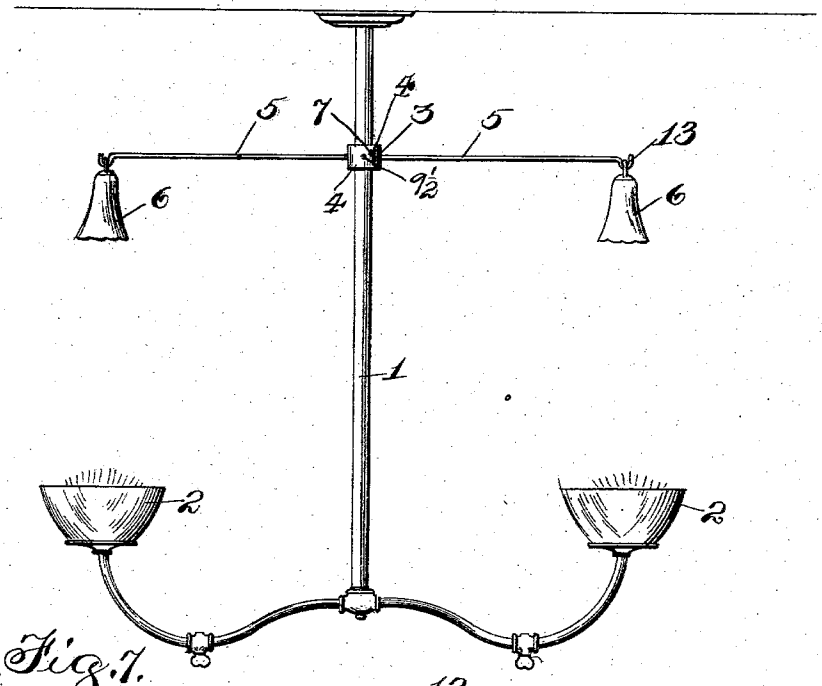


Fig. 7.

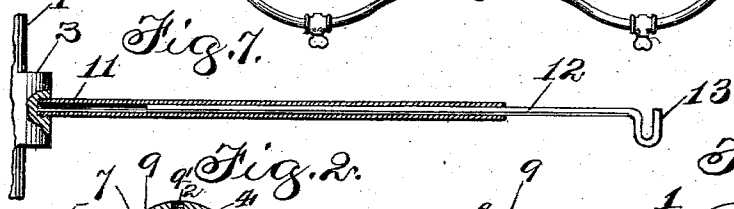


Fig. 2.

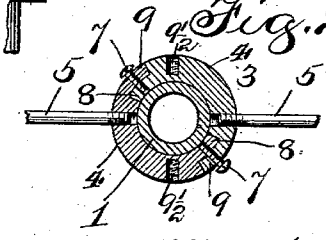


Fig 3

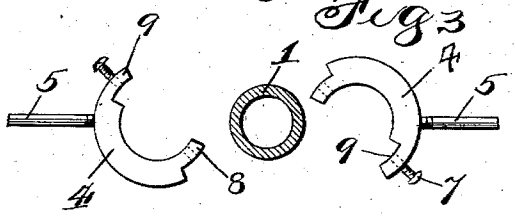


Fig 4.

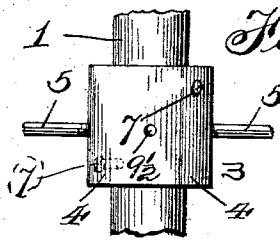


Fig. 5.

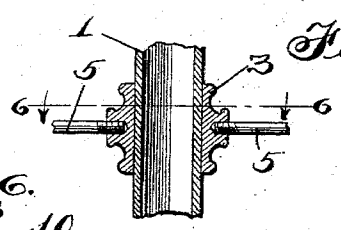
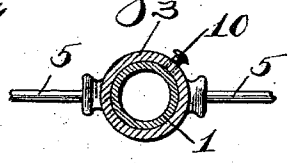


Fig. 6.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 740,182. Patented September 29, 1903.

UNITED STATES PATENT OFFICE.

WILLIAM C. ROOD, OF CHICAGO, ILLINOIS.

SMOKE-GUARD SUPPORT.

SPECIFICATION forming part of Letters Patent No. 740,182, dated September 29, 1903.

Application filed May 2, 1903. Serial No. 155,246. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. ROOD, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Smoke-Guard Supports, of which the following is a description.

My invention belongs to that class of devices particularly intended to support a smoke bell or guard over the flame of a gas or other burner.

It is particularly adapted for use upon chandeliers and similar devices not otherwise provided with those parts; and it consists in the novel construction, arrangement, and combination of parts herein shown and described, and more particularly pointed out in the claims.

In the accompanying drawings, wherein like reference characters indicate like or corresponding parts, Figure 1 is a view of a chandelier equipped with my invention. Fig. 2 is a transverse section of the collar for the same. Fig. 3 is a view of the same, showing the parts separated as in one modification. Fig. 4 is a side elevation of the collar in position. Fig. 5 is a vertical section of a modification. Fig. 6 is a sectional view in line 6 6 of Fig. 5, and Fig. 7 is a sectional view of a horizontally-adjustable telescoping arm.

In the drawings, 1 represents a chandelier rod or pipe supporting burners 2 2 in the usual manner. 3 is a collar embracing the rod 1 and is adjustable thereon. The said collar may be formed in separable parts, so as to be readily placed in position upon a chandelier that is in place, or it may be formed of an integral piece adapted to be placed upon the rod in assembling the chandelier and be adjustable thereon. In the form shown in Figs. 1, 2, 3, and 4 the collar is composed of two parts 4 4, adapted to be placed about the rod 1 and secured together and to the rod. In the preferred form (shown in Fig. 3) it will be seen that the parts 4 4 are provided with complemental projections and depressions to aid in readily fitting the parts together. When so positioned about the rod, any preferred means may be employed to secure the collar in any desired position thereon. As shown in Figs. 2, 3, and 4, screws 7 7 pass through the engaged extensions 8 9, thus securing the sections 4 4 together and by impinging upon the bar 1 also acting as set-screws to secure the collar in position. Obviously the collar may be formed to clamp the rod; but such is not the preferred construction. 5 5 are supporting-arms secured to the collar in any preferred manner. As clearly shown in Fig. 2, the arms are provided with screw-threaded ends engaging suitable holes in the collar. Their length is such that the outer end will be in proper position to support a smoke-bell 6 or equivalent part in proper position over the burner 2.

It is obvious that the collar may be provided with suitable holes for the reception of supporting-arms for any number of burners. As shown in Fig. 1, the invention is applied to a two-burner chandelier, while Fig. 2 shows a collar particularly arranged to carry four arms, the holes $9\frac{1}{2}$ $9\frac{1}{2}$ being provided for the insertion of other arms 5, so that the collar will be adapted for either two or four burner chandeliers. A series of any desired number of holes may be formed in the collar, so that the same collar may be readily used for a chandelier with any ordinary number of burners.

In the form shown in Figs. 5 and 6 an integral collar loosely embraces the rod 1, and a set-screw 10 or equivalent means may be provided to secure the collar in proper position upon the rod. In this form the collar is placed in position upon the rod 1 in assembling the chandelier.

In the preferred form the supporting-arms 5 are longitudinally adjustable, so that the same arm may be readily used on chandeliers of different sizes. This may be accomplished in any preferred manner. As shown in Fig. 7, I accomplish this object by forming the arm of two parts, one of which telescopes upon the other. As shown, 11 is a tube or pipe firmly secured to the collar 3, while 12 is a bar adapted to telescope within the tube to bring its outer end in proper position over the burner. Obviously other well-known means for accomplishing this same object may occur to those skilled in the art. The outer end of the arm may be formed with a hook 13 or other means to facilitate hanging the bell 6 thereon. After having thus described

my improvement it is obvious that various immaterial modifications may be made without departing from the spirit of my invention. Hence I do not wish to be understood as limiting myself to the exact form and construction shown.

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

1. In a smoke-bell support, a separable collar composed of two members which have complementary recesses and projections to aid in readily fitting said members together; substantially as described.

2. In a smoke-bell support, a separable collar composed of two members having complementary recesses and projections, and set-screws passing through the overlapping recessed and projecting portions, whereby said members are secured together, and said screws being also adapted to engage a chandelier-pipe; substantially as described.

3. In a smoke-bell support, the combination of a collar composed of two separable members having complementary recesses and projections, screws for securing said members together and also adapted to engage a chandelier-pipe, tubular arms secured radially to the collar, and rods mounted slidably in said arms, the outer ends of said rods being adapted to support smoke-bells.

4. In a smoke-bell support, the combination of a collar composed of two separable members having complemental recesses and projections, screws for securing said members together and adapted to engage a fixture-pipe, and supporting-arms secured to said members of the collar, extending radially therefrom, and constructed to support smoke-bells; substantially as described.

In testimony whereof I have signed my name in the presence of two subscribing witnesses.

WILL. C. ROOD.

Witnesses:
JOHN W. HILL,
CHARLES I. COBB.