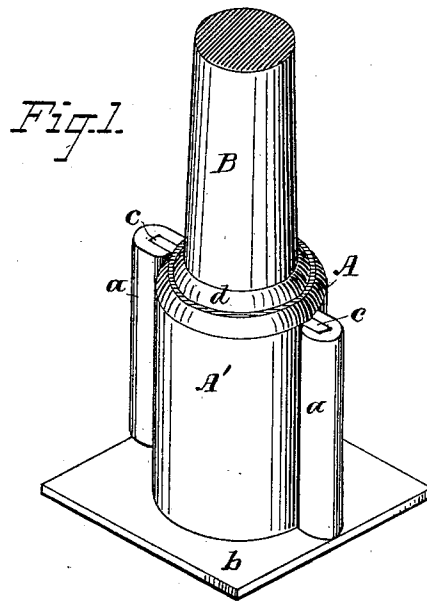
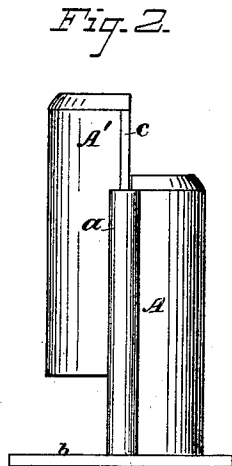
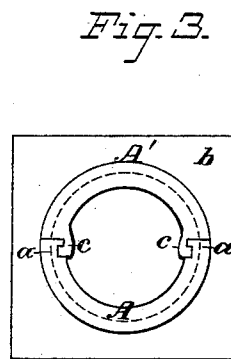


A. BRADY.
 Socket for Wooden Poles or Posts.

No. 225,683.

Patented Mar. 23, 1880.



ATTEST=

Edward M. Bray.

Anna M. Fraser.

INVENTOR=

Alfred Brady,
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UNITED STATES PATENT OFFICE.

ALFRED BRADY, OF NEW YORK, N. Y.

SOCKET FOR WOODEN POLES OR POSTS.

SPECIFICATION forming part of Letters Patent No. 225,683, dated March 23, 1880.

Application filed December 15, 1879.

To all whom it may concern :

Be it known that I, ALFRED BRADY, of the city, county, and State of New York, have invented certain Improvements in Sockets for
5 Wooden Poles or Posts, of which the following is a specification.

This invention relates to sockets or settings for wooden poles or posts which have their butts buried in the ground, being especially
10 adapted to telegraph-poles. The object is to prevent the buried butts from rotting or decaying under the ravages of moisture and insects.

The invention consists of a tubular casing divided into two or more sections by vertical joints, and made preferably of metal or other strong and impervious material, the tube being of somewhat larger diameter than the base
15 of the pole, so that when it is placed around the same an annular space will be left between the two, which is afterward filled with some plastic substance that will protect the butt of the pole against the injurious effects of moisture, insects, and other destroying
20 agents.

I may construct this sectional casing with or without a bottom. As it is intended to be applied to poles already standing, and as these are generally set on a stone or base-plate of
30 some kind, a bottom or base will not generally be required.

I may connect the sections of the socket together by means of hoops, or bolt them together, or connect them in any other known way. In the drawings I have shown the parts
35 connected by means of flanges and keepers.

The drawings show my invention in its approved form, Figure 1 being a perspective view of the socket and pole; Fig. 2, a side
40 view, showing the method of connecting the sections together; and Fig. 3, a plan showing a modified form of the fastening.

Let A A' represent the two sections of the socket. There may be more than two sections, but two are preferable. One section, A, is provided with grooved keepers *a a*, and to it may be secured the base-plate *b*, if a base be employed; or this plate may be dis-
45 connected entirely from the socket proper. The other section, A', is provided with flanges *c c*, arranged to engage the keepers on the other section.

B is the pole or post, which is set into the socket, and the annular space around the pole filled in with some plastic substance, *d*, as
55 concrete, cement, or iron-filings. This packing will harden and form an adhering shell to protect the wood of the pole against destroying agents.

In some cases the arrangement of the keepers and flanges shown in Fig. 3 will be preferable as presenting no obstruction on the outside of the socket. In general, however, the flanges formed by the keepers will be useful as stays against lateral movement.
60

I am aware that sockets have been made in one piece with broad flanged bases, to be applied to posts at the time they are set. These have been made of glazed earthenware, cast-iron, &c., and are not adapted to be applied
70 to posts or poles that are already set. My invention, on the contrary, which relates only to sectional sockets, may be employed as well on posts at the time they are set as afterward. I make no claim to any but sockets made in
75 sections.

When it is desired to place a base-piece under the foot of a post already set, it will, of course, be necessary to raise the post by the usual means to insert the plate.
80

I claim—

1. A socket for a wooden pole or post composed of two or more sections, and arranged to be confined together by keepers, bolts, hoops, or other equivalent means, in combination with the pole or post and the filling *d*,
85 substantially as and for the purposes set forth.

2. A sectional socket for a wooden pole or post, provided with keepers and flanges *a a c c*, substantially as and for the purposes set forth.
90

3. The combination, with the sectional socket A A', provided with flanges and keepers *a a c c*, of the base-plate *b*, the pole B, and the filling or packing *d*, all arranged substantially
95 as and for the purposes set forth.

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

ALFRED BRADY.

Witnesses:

HENRY CONNETT,
ARTHUR C. FRASER.