Oct. 31, 1933. E. E. SCHRAM 1,933,282

POLE SOCKET

Filed Nov. 21, 1931

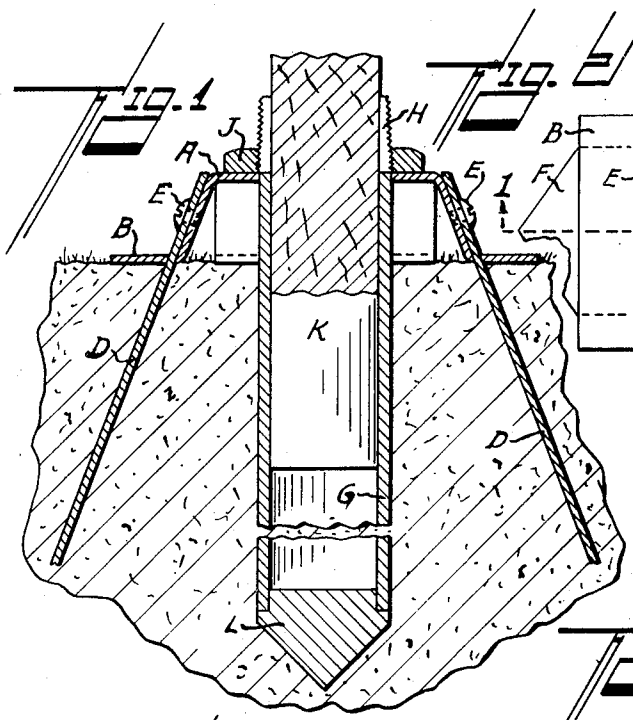


FIG. 1

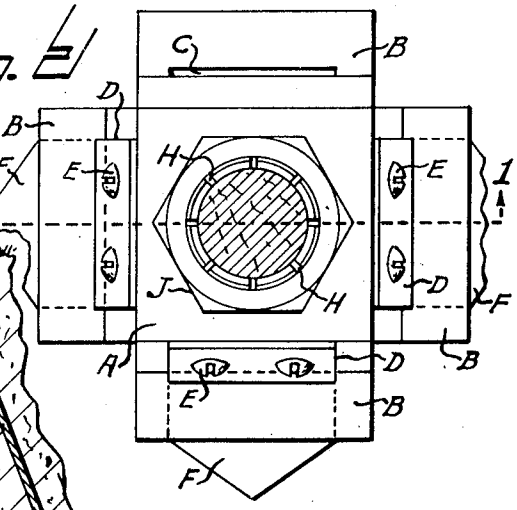


FIG. 2

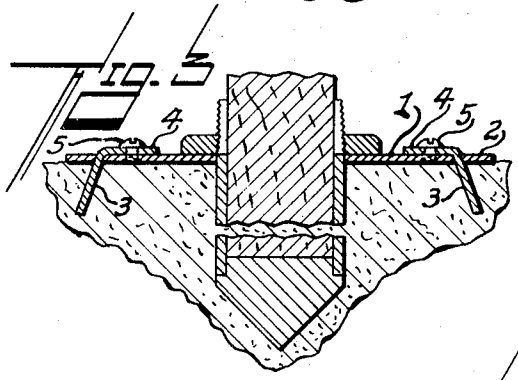


FIG. 3

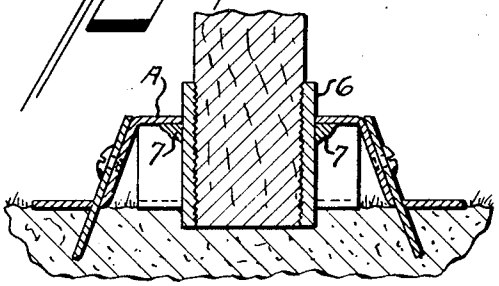


FIG. 4

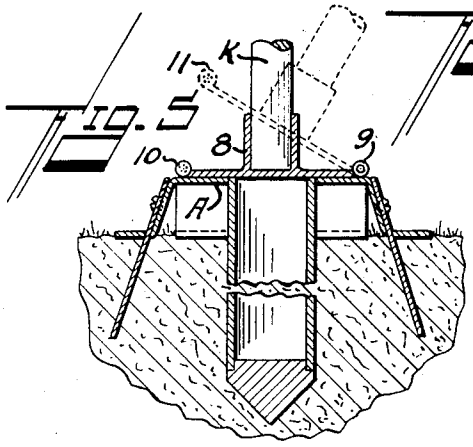


FIG. 5

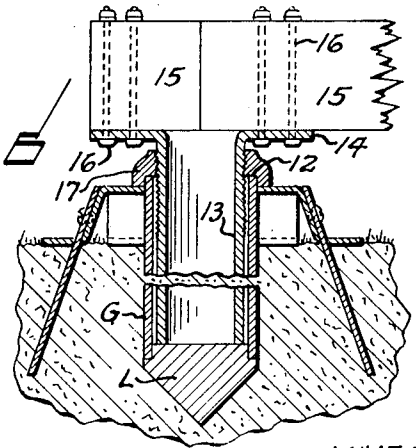


FIG. 6

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Patented Oct. 31, 1933 1,933,282

UNITED STATES PATENT OFFICE

1,933,282

POLE SOCKET

Edmund E. Schram, Detroit, Mich.

Application November 21, 1931
Serial No. 576,440

2 Claims. (Cl. 189—28)

This invention relates to pole supporting contrivances and has particular reference to a novel socket, which is composed of metal and embodies a body portion having a flange formed upon each side thereof that is adapted to rest upon the ground, and these flanges also formed so as to elevate the body portion somewhat from the ground. After the body portion is placed upon the ground pointed prongs are driven into the earth through respective slots in the body and bolted thereto in a rigid manner. The device also provides a pipe that is also driven into the ground and receives the lower end of the pole with an adjustable feature for elevating or lowering the pole relative to the device.

Another advantage of the invention is that it is very durable and forms a very rigid and substantial anchor or support for any kind of pole, such as flag poles, fence posts, clothes line poles, in fact the adaptability of the device to poles, posts and the like covers a range so extensive that it would be impossible to enumerate herein all types and classes.

In addition to the advantages named, it may not be overlooked that the invention is very advantageous as applied to building construction, particularly in supporting sills for garages and other light frame buildings.

The invention possesses further advantages, all of which will be clearly revealed during the course of the following detailed description, illustrated throughout the accompanying drawing, and more particularly pointed out in the appended claims.

With reference to the drawing:

Figure 1 is a section of the entire device taken through line 1—1 of Figure 2, and showing the same normally anchored to the ground with a pole therein as indicated.

Figure 2 is a top plan view of the device with one of the prongs thereof omitted.

Figures 3 and 4 are modified forms of construction of the device.

Figure 5 is a reduced modified form of the device as applied particularly to a flag pole.

Figure 6 is also a reduced modified form of construction, particularly applied to building construction.

The invention consists of a body portion forming flat portion A, which has projecting therefrom as integral parts of the said portion and at right angles thereto flanges B, which are adapted to rest upon the ground in a manner so as to elevate said body portion as indicated in Figure 1. Within each of the flanges B an elongated slotted opening C is provided, which is of ample proportions to permit passage of one end of prong D, each of the said prongs being driven into the earth through openings C respectively, and rigidly secured to the respective flanges by screw E, the said screw passing through an aperture in the said prong and engaging a threaded aperture in the said flange. It will be noted that prongs D have pointed ends, as at F.

With particular reference to Figure 1, it is observed that portion A of the body portion of the device is provided with a round opening permitting the passage of pipe G, the upper end of the said pipe having concentrically arranged slots H, and also being tapered and externally threaded to engage nut J. Due to the tapering form and slotted end of the said pipe, pole K is rigidly clamped thereto as nut J is drawn down upon portion A. Solid point L is permanently fixed to the lower end of pole K in order that the same may be driven into the earth in the same way as prongs D.

Referring to Figure 3, the construction is somewhat modified, the only change being that the body portion 1 and flanges 2 are a single flat surface adapted to rest upon the ground accordingly. Similar slots are arranged for respective prongs 3 with ends formed as at 4, and secured to the said flanges by screws 5, as shown.

In Figure 4 the construction is identical with that of Figure 1, with the exception of tube 6, which is internally threaded to engage pole K. It is also seen that tube 6 is welded to portion A at 7.

In Figure 5 the construction is the same as in Figure 1 with socket 8 hinging at 9 with portion A added. This construction is designed to accommodate a flag pole, and by means of bolt 10 through sleeve portion 11 of the said socket and through oppositely arranged lugs (not shown) and which are integral with portion A, socket 8 is rigidly held in position as shown, and by removing the said bolt the top of the pole may be quickly and easily lowered to the ground for repairs or otherwise. The movement being indicated by the dotted lines in this view.

Referring to Figure 6, by virtue of a slight modification the device may be readily applied to building construction. The greater part of the construction is similar to that of Figure 1, only that pipe G has no upper slotted end but is plain as at 12. Within pipe G is externally threaded pipe 13, the upper end of which forms flange 14 which is adapted to support the end of sills 15 and is connected thereto by means of

bolts 16 with the usual nuts as indicated. Pipe 13 is held to the device in a substantial manner by nut 17, and the purpose of pipe 13 and nut 17 is to provide adjustment for the said sills in acquiring the precise level of the same in building construction. The lower end of pipe 13 rests upon point L as indicated.

Having thus described my invention, what I claim as new is:

1. In a device of the character described, a body portion for the same, a flange extending from each of the four sides of the said body portion, an elongated slotted opening within each of the said flanges, a plurality of pointed prongs for the device, said prongs being adapted to be driven through the aforesaid slotted portions into the ground and the upper ends of said prongs secured to the aforesaid flanges, after the body portion has been placed on the ground.

2. In a device of the character described, a body portion for the same, a flange extending from each of the four sides of the said body portion and adapted to rest upon the ground, the said flanges also formed so as to elevate the center of the said body portion from the ground, an elongated slotted portion within each of the said flanges, a plurality of pointed prongs for the device, one of the said prongs adapted to be driven into the earth through each of the aforesaid slots and the upper end thereof secured to the said flange; means for supporting a pole comprising, an opening within the elevated part of the aforesaid body portion, a pipe passing vertically through the said opening and adapted to support a pole, the lower end of the said pipe having a solid point fixed therewith and adapted to be driven into the ground, the upper end of the said pipe having a plurality of concentrically arranged vertical slots, said end also being tapered and externally threaded to engage a threaded nut for clamping the pole within the said pipe.

EDMUND E. SCHRAM.