Aug. 4, 1953 J. H. HOLMAN 2,647,593

ADJUSTABLE FENCE POST ANCHORING MEANS

Filed March 29, 1951

Fig. 1

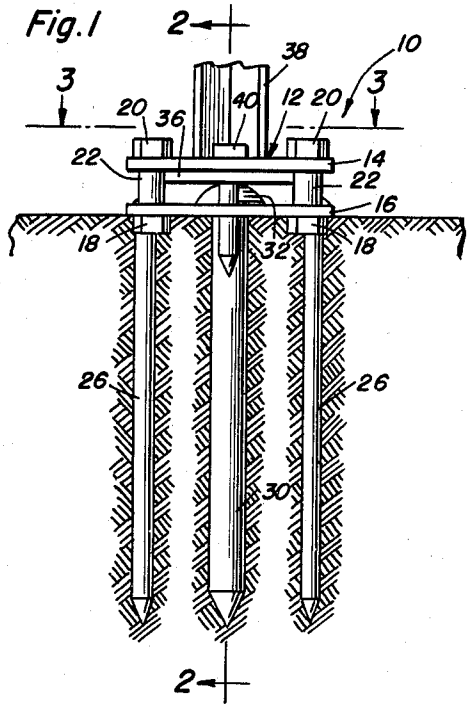



Fig. 2

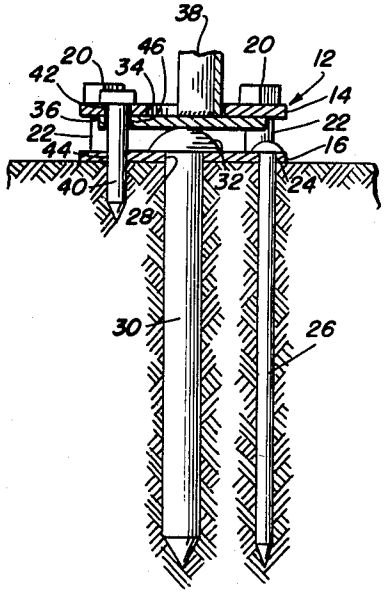



Fig. 3

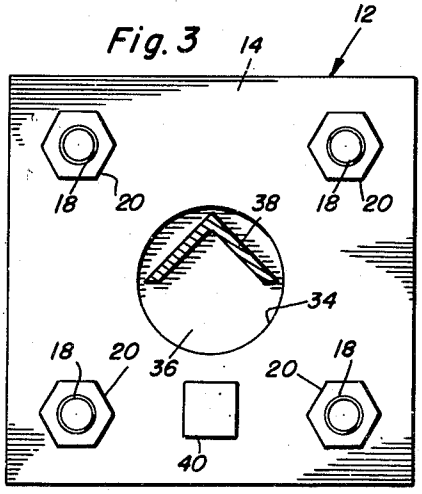
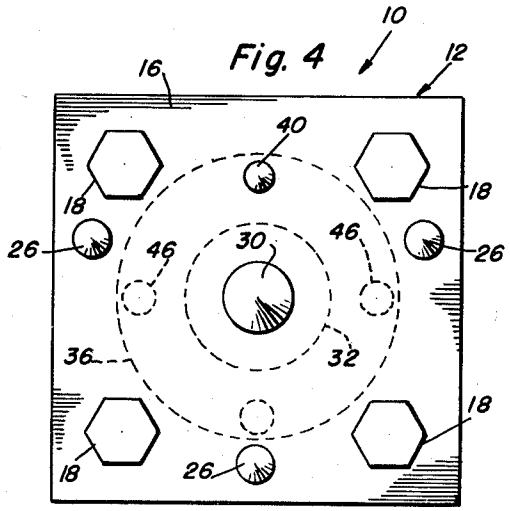



Fig. 4




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# UNITED STATES PATENT OFFICE

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## ADJUSTABLE FENCE POST ANCHORING MEANS

James H. Holman, Scottsdale, Ariz.

Original application December 6, 1948, Serial No. 63,676. Divided and this application March 29, 1951, Serial No. 218,172

3 Claims. (Cl. 189—29)

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This invention relates to new and useful improvements and structural refinements in fence posts, more particularly, fence post anchoring means, and the principal object of the invention is to provide durable, rigid, yet adjustable mountings for fence posts, the adjustment being such as to permit the fence post standard to be rotated in order to properly tension the lines or wires attached thereto.

This application is a division of my now abandoned copending application Serial No. 63,676, which was filed on December 6, 1948.

Some of the advantages of this invention reside in its simplicity of construction, in its durability, dependability and adaptability to economical manufacture.

With the above more important objects and features in view and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a side elevational view of the adjustable fence post anchoring means, the same being shown in position in the ground;

Figure 2 is a vertical sectional view, taken substantially in the plane of the line 2—2 in Figure 1;

Figure 3 is a horizontal sectional view, taken substantially in the plane of the line 3—3 in Figure 1; and

Figure 4 is an underside plan view of the invention.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the general reference character 10 designates a fence post structure which includes a stationary base 12 consisting of vertically spaced upper and lower plates 14, 16, respectively, these being secured together by a plurality of screws 18, equipped with nuts 20, while tubular spacers 22 are provided on the screws 18 so as to space the plates 14, 16, as shown.

The lower plate 16 is provided with a plurality of apertures 24 through which long spikes 26 may be driven downwardly into the ground so as to sustain the entire base 12 rigidly in position, while the plate 16 is provided substantially at the center thereof with an additional aperture 28 to accommodate a central spike 30, which also extends into the ground as shown. Needless to say, in order to facilitate driving of the spikes 26, 30

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into the ground, the upper plate 14 of the base 12 is dismantled from the lower plate 16, as will be clearly apparent.

The spike of stake 30 is provided at the upper end thereof with a convex head 32 which is disposed directly below a circular opening 34 provided in the upper plate 14, while a circular disc 36 is rotatably positioned between the plates 14, 16 and is seated on the head 32 of the stake 30 so that the head affords an end thrust bearing for the disc. The disc 36 is of such thickness that it rotatably engages the underside of the upper plate 14, while a fence post standard 38, which has its lower end secured by welding, or the like, to the disc 36, projects upwardly through the opening 34 and is rotatable therein.

If desired, the standard 38 may be in the form of an angle bar, and the upper portion of the standard (not shown) has suitably secured thereto a plurality of fence lines or wires (also not shown).

Means are provided for locking the disc 36 and the standard 38 against rotation, these means comprising a locking pin 40 which is removably receivable in a pair of vertically aligned apertures 42, 44 provided in the respective plates 14, 16, while an intermediate portion of the locking pin 40 is receivable selectively in a plurality of apertures 46 provided in the disc 36.

Accordingly, when the invention is placed in use and fence lines or wires are secured to the standard 38, with the pin 40 removed, the disc 36 and the standard 38 may be rotated so as to properly tension the fence lines, whereupon by inserting the locking pin 40 into the apertures 42, 44, 46 the disc 36 as well as the standard 38 may be locked against rotation.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

1. In a fence post structure, the combination of a stationary base secured to the ground and including spaced upper and lower plates, the upper plate of said base being provided with an

opening, a disc rotatably positioned between said plates, an upright standard secured to said disc and projecting upwardly through said opening, means locking said disc against rotation, and an anchoring stake extending downwardly through the lower plate of said base into the ground and provided at the upper end thereof with a convex head, said head engaging the underside of said disc to provide an end thrust bearing therefor.

2. In a fence post structure, the combination of a stationary base including a lower plate, an upper plate, a set of tubular spacers interposed between the lower and upper plates, fastening elements extending through the plates and said spacers and securing the same together, an anchoring stake extending downwardly through said lower plate and having an enlarged head at its upper end in abutment with the upper surface of the lower plate, said head having a convex upper surface spaced downwardly from the lower surface of the upper plate, the upper plate being provided with a circular opening coaxial with said head, a rotatable disc provided between the upper and lower plates and resting on the upper surface of said head, the upper surface of said disc rotatably engaging the lower surface of the upper plate, an upright standard secured at its lower end to said disc and extending rotatably through said opening, the cross-section of said standard relative to the opening being such as to prevent lateral shifting of the disc, and means locking the disc and standard against rotation relative to said base.



3. The device as defined in claim 2 wherein said means comprises a removable locking pin extending through the upper and lower plates at a point spaced radially from said standard, said disc being provided with a plurality of spaced apertures receiving said pin selectively therein.

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