July 1, 1924. 1,499,445

J. S. CLAY

LAMP POST

Filed Oct. 7, 1921

FIG. 1

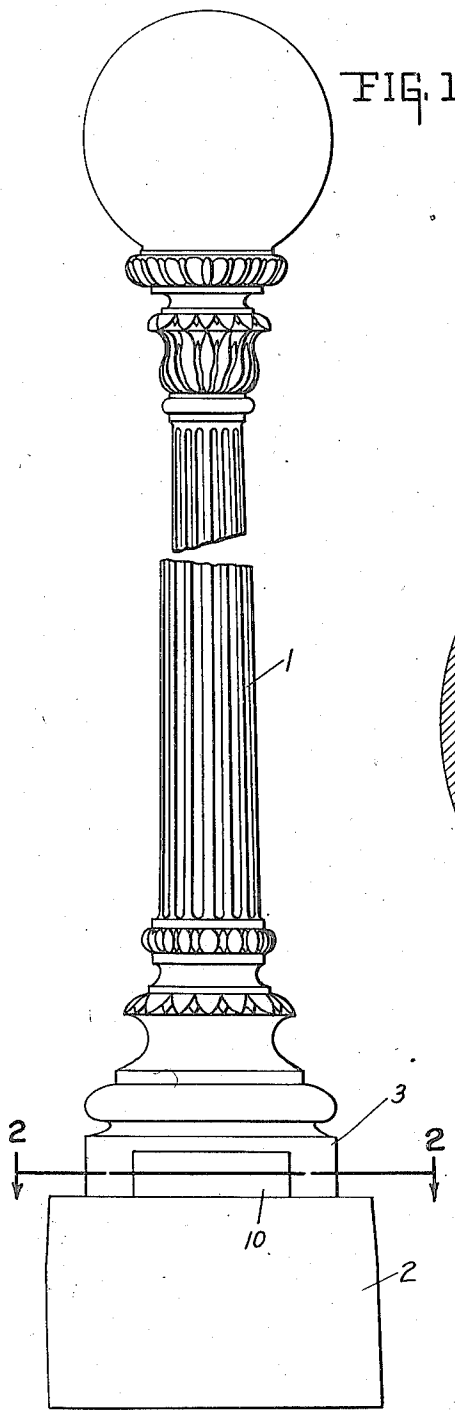


FIG. 2

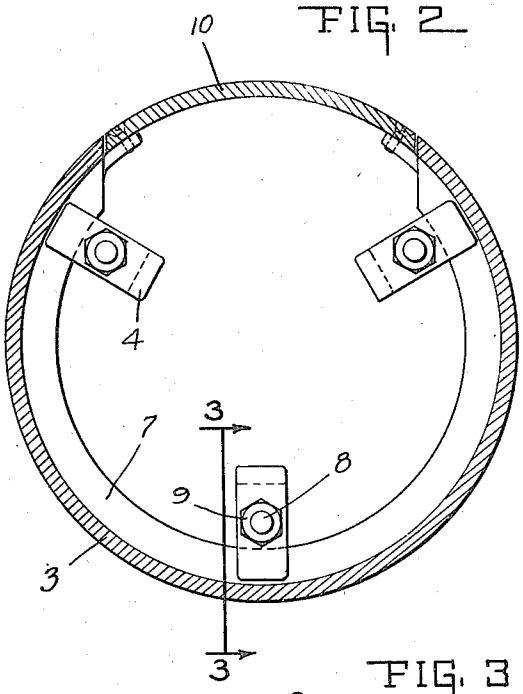
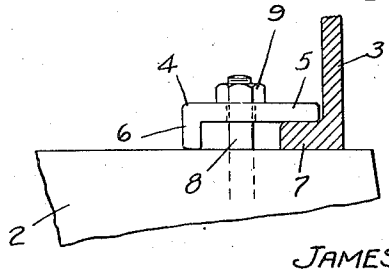


FIG. 3



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UNITED STATES PATENT OFFICE.

JAMES S. CLAY, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO CALDWELL & DRAKE IRON WORKS, OF COLUMBUS, INDIANA, A CORPORATION OF INDIANA.

LAMP-POST.

Application filed October 7, 1921. Serial No. 506,183.

To all whom it may concern:

Be it known that I, JAMES S. CLAY, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Lamp-Posts, of which the following is a specification.

This invention relates to means for anchoring lamp posts, or the like, and the prime feature of the invention is the provision of metallic clips, or anchoring means of a relatively fragile construction, for holding the post in erect position under all normal conditions, but which will readily break, as when a severe blow is directed against the post thereby permitting the post to fall over without being broken.

A further feature of the invention is the provision of means for interlocking the clip with the post supporting foundation and parts of the post construction.

And a further feature of the invention is in so constructing the post and anchoring means that the post may be readily reset and resecured to its base should the retaining clips become broken.

Other objects and advantages will be hereinafter more fully set forth and pointed out in the accompanying specification.

In the accompanying drawings,

Figure 1 is an elevation of a post attached to its suporting foundation,

Figure 2 is an enlarged sectional view as seen on line 2—2, Figure 1, and

Figure 3 is a sectional view as seen on line 3—3, Figure 2.

Referring to the drawings, 1 indicates a post, in this instance a lamp post, such as is used for street lighting purposes, which is preferably constructed of relatively strong substantially non-breakable metal; 2 indicates a foundation block or support for the post, and 3 indicates the base portion of the post, said base and post being formed hollow, as is usual, and the base portion being of greater diameter than the body of the post.

It frequently occurs that posts of this nature are struck by vehicles while traveling along the street, and in the event the posts are firmly connected with the foundation block, are broken from the blow and destroyed, and it is the prime object of this invention to overcome this objectionable feature so that the post although receiving the blow will not be broken.

To accomplish this result, clips or anchoring members 4 are provided which are constructed of a relatively fragile material such as will readily break and release the post when the post is struck a blow, thereby permitting the post to fall over rather than become broken by the impact. The clips 4 may be constructed in various shapes and contours, but as shown in the drawings comprise a horizontal portion 5, and a depending end 6, the horizontal portion 5 passing over a flange 7 formed on the interior of the base portion 3 of the post, while the depending end 6 rests on the foundation block 2. The clips are clamped onto the flange 7 by extending a bolt 8 through the horizontal portion 5 between the depending end 6 and the flange 7, the lower end of the bolt being anchored in the foundation block. By forming a hole through the clip 4 for the reception of the bolt 8 the clip becomes more or less weakened at this point and by threading a nut 9 onto the bolt and directing sufficient pressure on the horizontal portion of the clip at its weakest point any severe lateral strain against the post will cause the clips to readily snap in two at this point, consequently the post will yield and fall over rather than be broken by the impact.

Any suitable means may be provided for gaining access to the interior of the base of the post for applying the clips, but in the present instance a removable section 10 is provided in the wall of the base 3, consequently the post can be readily set up in the first instance, or may be reset should the clips become broken and the post knocked over.

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

1. The combination with a hollow post having an inwardly directed flange, and a supporting base for the post, of a plurality of clips for clamping the post to the base each clip comprising a horizontal portion adjusted to extend over and engage said flange and having a portion for engagement with said base, and means fixed to said base adapted to clamp the clips on the flange.

2. The combination with a hollow post having an inwardly extending flange, and a

supporting base for said post, of a plurality of clips for maintaining the post in upright position each clip comprising a horizontal portion adapted to extend over and engage said flange and a depending portion at one end thereof for engagement with said base, and bolts anchored to said base and projecting through the horizontal portions of the clips for clamping the clips on said flange.

3. The combination with a hollow post having an inwardly directed flange at its lower end, and a supporting base for said post, of a plurality of clips of relatively fragile material each clip comprising a flat horizontally extending portion and a depending portion thereon, and bolts anchored to said base and extending through openings in said clips for clamping the horizontal portions of the clips onto said flange and the depending portions against said base.

4. In combination with a hollow post having an inwardly directed flange and a supporting base for said post, a clip of relatively fragile material for supporting the post said clip having a horizontal portion terminating at one end in a depending portion resting against the base the other end of said clip resting on the said flange said clip having an opening in the horizontal portion thereof whereby the resistance of the clip to fracture is lessened, a bolt anchored in the base and engaging the opening in the clip, and means associated with the bolt for clamping the clip under stress, substantially as set forth.

5. In combination with a hollow post having an inwardly directed flange and a base for said post, a clip engaging the flange and base for maintaining the post in upright position, means for securing the clip to the base, said clip having a weakened portion for readily fracturing under undue stress, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Indianapolis, Indiana, this 1st day of October, A. D. nineteen hundred and twenty-one.

JAMES S. CLAY. [L. S.]

Witnesses:
CAREY S. FRYE,
M. L. SHULER.