Sept. 4, 1945. W. RASSO 2,384,338

FENCE POST OR THE LIKE

Filed Oct. 23, 1944

Fig. 1.

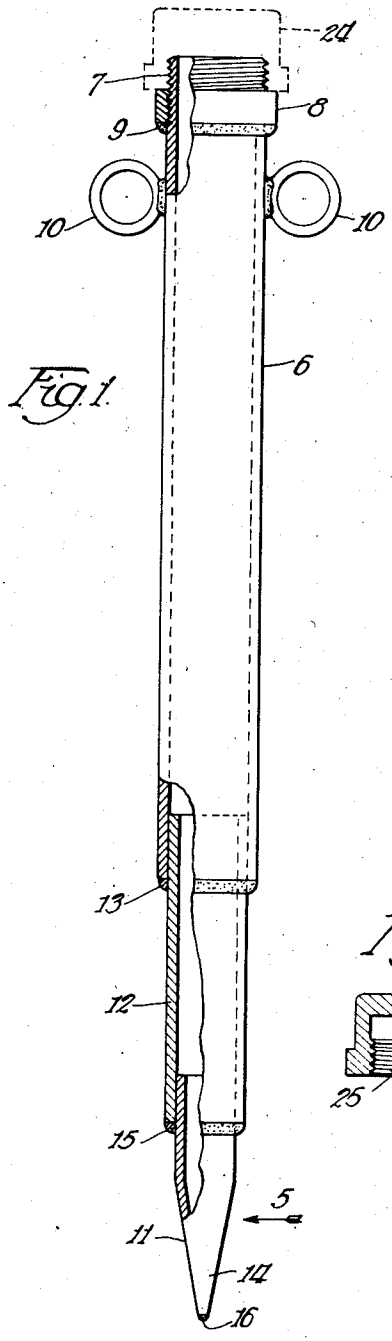


Fig. 2

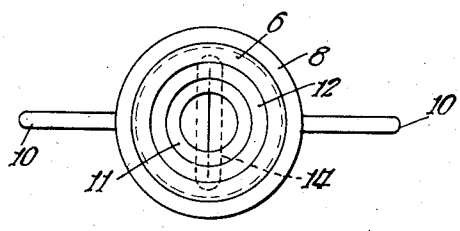


Fig. 3

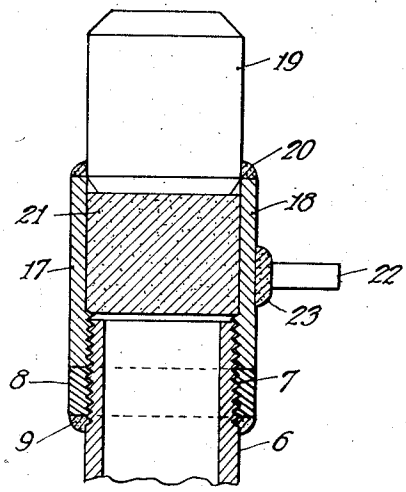


Fig. 4

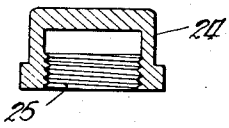
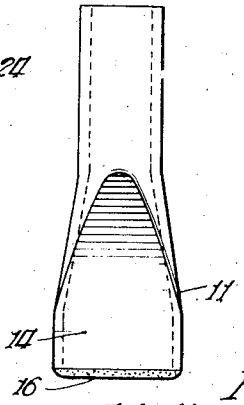


Fig. 5



Witness:
V. Siljander

Inventor
Walter Rasso
By: Hiee & Hiee Attys

Patented Sept. 4, 1945 2,384,338

UNITED STATES PATENT OFFICE

2,384,338

FENCE POST OR THE LIKE

Walter Rasso, Chicago, Ill.

Application October 23, 1944, Serial No. 559,975

4 Claims. (Cl. 189—23)

This invention relates to fence posts or the like, and its principal object is the provision of a simple, sturdy and efficient metal post that may be driven into the ground without multilating its upper end. The post has been particularly designed for carrying chains, wire or the like around lawns and parkways, but it may be made of suitable lengths for wire fences or for use as a clothes pole.

Another object of the invention is to provide a post to which may be attached a driving head when it is to be driven into the ground, which head is readily removable for use on other similar posts. The invention further contemplates the use of a finishing cap which may be readily fastened upon the top of the post to enhance its appearance.

Another object is to provide a post which may be made from lengths of standard piping and of other easily manufactured fittings.

With these and other objects and advantages in view this invention consists in the several novel features hereinafter fully set forth and particularly defined in the claims.

The invention is clearly illustrated in the drawing accompanying this specification, in which:

Fig. 1 is a side elevation of a fence post or the like embodying a simple form of the present invention;

Fig. 2 is a plan thereof;

Fig. 3 is a vertical section through the driving head showing it applied to the top of the post;

Fig. 4 is a vertical section of a permanent or finishing cap; and

Fig. 5 is a side elevation of the driving point looking in the direction of the arrow 5 in Fig. 1.

Referring to said drawing, the reference character 6 designates a suitable length of standard pipe of suitable diameter, screw threaded upon its upper end as at 7, and having an internally threaded collar 8 screwed upon the threaded end of the pipe far enough to leave a portion of the threaded end of the pipe extending above the collar. The latter is welded to the pipe as at 9 to rigidly secure it thereto. Said collar provides an annular shoulder that takes up the impact of the sledge hammer or other tool when the post is being driven into the ground.

Below the collar one or more rings 10 are welded or otherwise secured to the pipe. Chains, wires or the like may be secured to the rings and may run from one post to an adjacent one.

The post carries upon its lower end a driving point 11. In the form of the invention illustrated a short length of pipe 12, having an external diameter of the same diameter as the internal diameter of the pipe 6, is telescoped into the lower end of the pipe 6 and welded thereto as at 13. The driving point is in the form of a pipe telescoped into the lower end of the pipe 12 and welded thereto as at 15, and its lower end is formed into a widened tapered chisel point 14 whose lower edge may be reinforced and hardened by welding metal welded to the edge as at 16.

To prevent deforming or mutilating the upper end of the post while driving it into the ground, a driving head 17 is provided. This head comprises a sleeve 18 internally threaded at its lower end for attachment to the threads 7 of the pipe 6 and having a hardened block 19 welded to its upper edge as at 20, and a softer metal block 21 that extends from the lower edge of the block 19 to a point somewhat above the lower edge of the sleeve. A handle 22 for manipulating the driving head may be welded to it as indicated at 23.

A permanent or finishing cap 24 is provided, which is internally threaded as at 25 for attachment to the threaded upper end of the post. The finishing cap may be of any suitable design for giving an added attractive appearance to the upper end of the post.

When a post is to be driven into the ground the driving cap is screwed upon the threaded upper end of the post, bringing the lower edge of the sleeve into engagement with the upper edge of the collar. The post is held upright and is driven into the ground by a maul, sledge hammer or other suitable driving tool. The impact caused by the blow upon the block 19 of the driving head is absorbed by the collar 8 so that the threaded upper end of the post is not injured. After the post has been driven home the driving head is unscrewed from the top of the post and one of the permanent or finishing caps 24 is screwed upon the threaded upper end of the post.

By reason of the stepped lower end of the post it is driven more easily into the ground.

The post may be made of any desirable length for the purpose to which it is intended. It is simple, easy to construct, and it is very sturdy.

Having thus described my invention, it is obvious that various immaterial modifications may be made in the same without departing from the spirit of my invention; hence, I do not wish to be understood as limiting myself to the exact form, construction, arrangement, and combination of parts herein shown and described or uses mentioned.

What I claim as new and desire to secure by Letters Patent is:

1. A fence post or the like comprising a length of pipe having a driving point at its lower end and being screw threaded at its upper end, a collar screwed upon the threaded upper end of the pipe and welded thereto, with a part of the threaded portion of the pipe extending above the collar, and a driving head having an internally threaded sleeve adapted to be screwed upon the threaded end of the pipe with the lower edge of the sleeve abutting against the adjacent edge of the collar, the latter serving to receive the impact caused by the blow of a driving tool on the driving head.

2. A fence post or the like comprising a length of pipe having a driving point at its lower end and being screw threaded at its upper end, a collar screwed upon the threaded upper end of the pipe and welded thereto, with a part of the threaded portion of the pipe extending above the collar, and a driving head having a hardened top portion and an internally threaded sleeve welded to said hardened top portion, and adapted to be screwed upon the threaded end of the pipe, with the lower edge of the sleeve abutting against the adjacent edge of the collar, the latter serving to receive the impact caused by the blow of a driving tool upon the driving head.

3. A fence post or the like comprising a length of pipe, having a driving point at the lower end and being screw threaded at its upper end, a collar screwed upon the threaded upper end of the pipe and welded thereto, with a part of the threaded portion of the pipe extending above the collar, and a driving head having a hardened block and an internally threaded sleeve welded to said hardened block, said sleeve being adapted to be screwed upon the threaded end of the pipe with the lower edge of the sleeve abutting against the adjacent edge of the collar, the latter serving to receive the impact caused by the blow of a driving tool on the driving head.

4. A fence post or the like comprising a length of pipe, a short length of pipe telescoped into the lower end of the first mentioned pipe and welded thereto, a chisel shaped driving point having a shank telescoped into the second mentioned pipe and welded thereto, said first mentioned pipe being screw threaded at its upper end, a collar screwed upon the threaded upper end of the pipe and welded thereto, with a part of the threaded portion of the pipe extending above the collar, and a driving head having an internally threaded sleeve adapted to be screwed upon the threaded end of the pipe with the lower edge of the sleeve abutting against the adjacent edge of the collar, the latter serving to receive the impact caused by the blow of a driving tool on the driving head.

WALTER RASSO.