

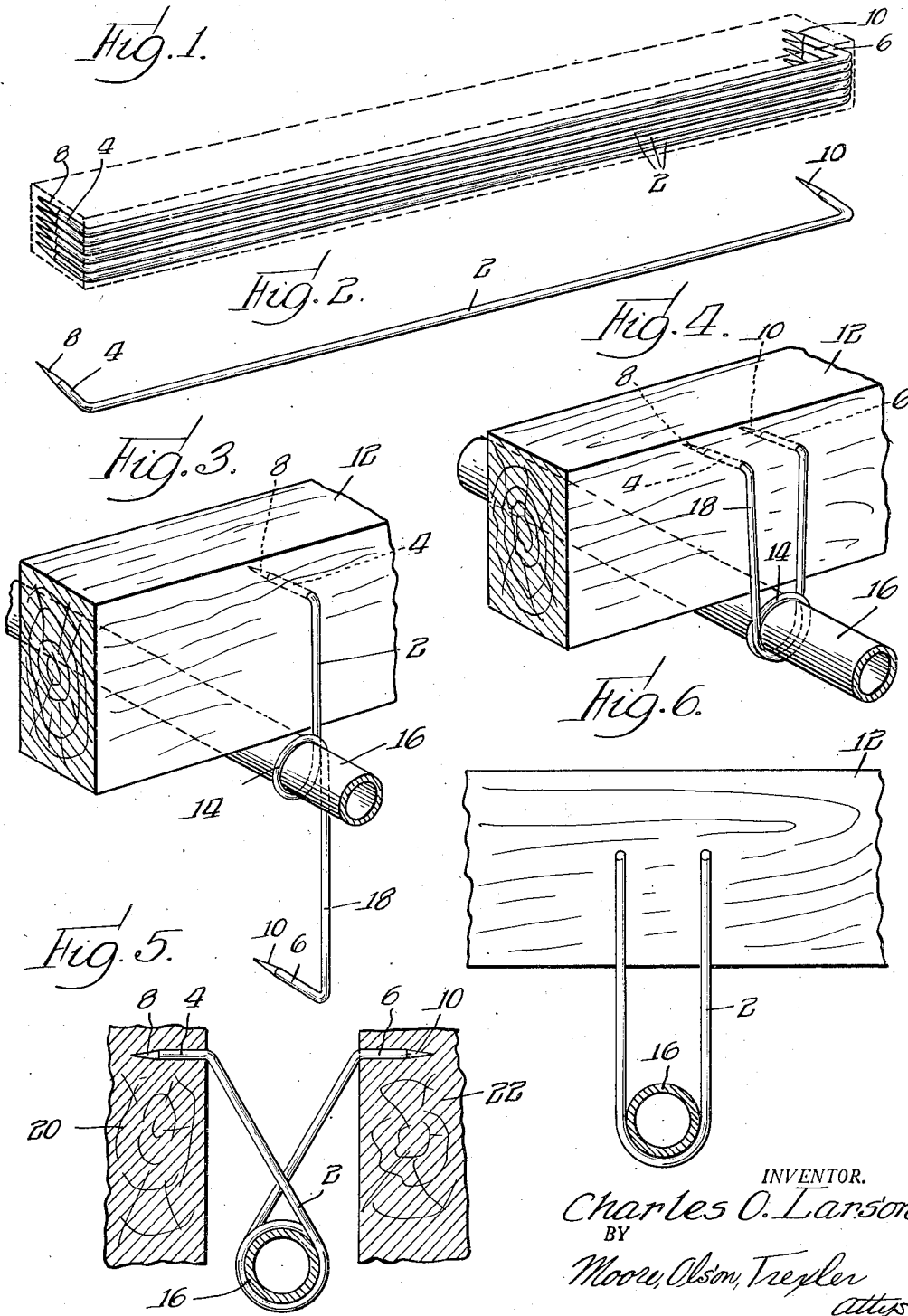
July 8, 1947.

C. O. LARSON

2,423,455

PIPE HANGER

Filed May 28, 1945



INVENTOR.  
*Charles O. Larson*  
BY  
*Moore, Olson, Trepler*  
*attys.*

# UNITED STATES PATENT OFFICE

2,423,455

## PIPE HANGER

Charles O. Larson, Sterling, Ill.

Application May 28, 1945, Serial No. 596,392

1 Claim. (Cl. 248—71)

1

This invention relates to pipe hangers, and more particularly to a wire pipe hanger.

Among the objects of the present invention is to provide a wire pipe hanger constructed so that a number of the hangers may be conveniently packaged, and yet which when ready for use may be manually bent to the exact desired configuration for supporting numerous articles disposed at relatively varying distances from the points at which the driving ends of the pipe hanger are adapted to be anchored.

These and other objects of the invention will be apparent from a perusal of the following specification when taken in connection with the accompanying drawing, wherein:

Figure 1 shows a series of the improved pipe hangers packaged for shipment;

Figure 2 is a detailed perspective view of one of the pipe hangers;

Figure 3 is a view showing the first operation in installing the pipe hanger to hang a pipe therefrom;

Figure 4 is a view of the completely installed hanger;

Figure 5 is an end view thereof; and

Figure 6 is another view showing one of the ways in which the hanger may be installed.

Referring now to the drawings in detail, the pipe hanger comprises a length of wire 2 of any length, and provided on its opposed ends with normally bent portions 4 and 6 which are pointed as at 8 and 10 so as to be driven into a desired wall or anchorage support. It is to be noted that the bent ends 4 and 6 are bent at right angles to the main body portion 2. The wire 2 is of sufficient gauge and of suitably prepared metal so that it may be bent and when so bent will retain its shape as shown in Figures 4 and 5. By thus preparing the article of manufacture shown in Figure 2, a plurality of these pipe hangers may be packaged as shown in Figure 1 into a relatively small, neat, compact package for shipment. In the installation, one of the ends 8 of the flange portion 4 of the pipe hanger is driven into a wall or block 12, as shown in Figure 3, and then the intermediate portion of the pipe hanger 2 is

2

wound around, as at 14, a pipe 16 and thence the opposite end portion 18 is brought upwardly as shown in Figure 4 and driven into the wall member 12, thereby suspending or hanging the pipe 16 from the support 12.

If desired, as shown in Figure 5, the bent shank portions 4 and 6 may be driven into supports 20 and 22 that lie on opposite sides of the pipe 16 with the ends 8 and 10 driven into spaced apart portions. In addition, various other installations are within the contemplation of the invention. The intermediate portion 2 of the wire pipe hanger may be coiled one or more times around the pipe or around any article to be supported. With just one stroke of a hammer the ends 4 and 6 may be driven into the wood supports 12, 20 or 22 so that time is saved and no nails or screws are needed, and much labor saving is present.

Obviously the invention is not limited to the specific details of construction disclosed herein but is capable of other modifications and changes without departing from the spirit and scope of the appended claim.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

A pipe hanger comprising an integral piece of readily bendable wire having a straight and relatively long intermediate body portion adapted to be readily bent around a pipe and relatively short pointed end portions bent abruptly at substantially right angles to said body portion whereby to facilitate driving thereof into supports without bending, said body portion and said bent end portions lying in the same plane.

CHARLES O. LARSON.

### REFERENCES CITED

The following references are of record in the file of this patent:

#### UNITED STATES PATENTS

Number	Name	Date
501,439	Reznor	July 11, 1893
2,319,832	Trochim	May 25, 1943