No. 838,592. PATENTED DEC. 18, 1906.

P. E. SMITH.

FENCE POST.

APPLICATION FILED MAR. 12, 1906.

Fig. 1.

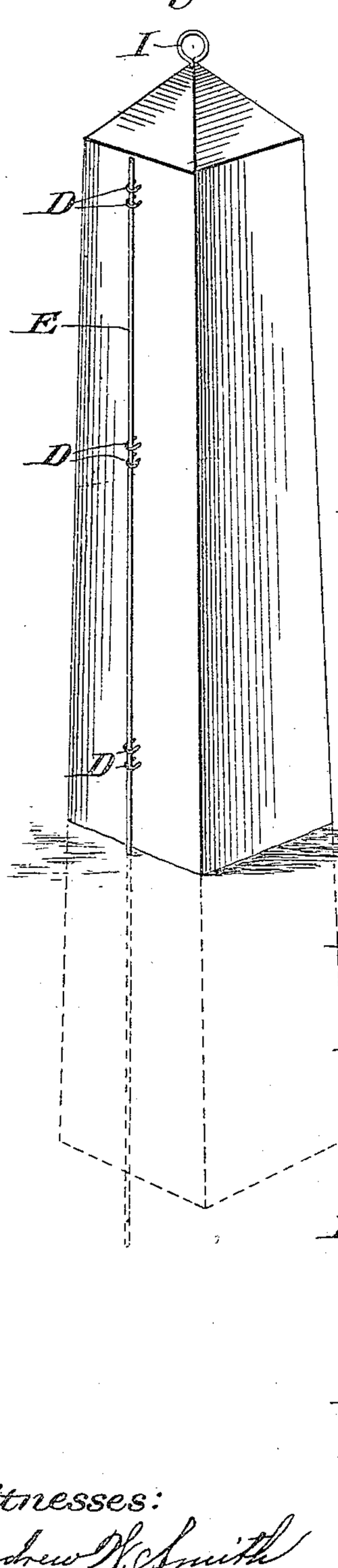

Fig. 2.

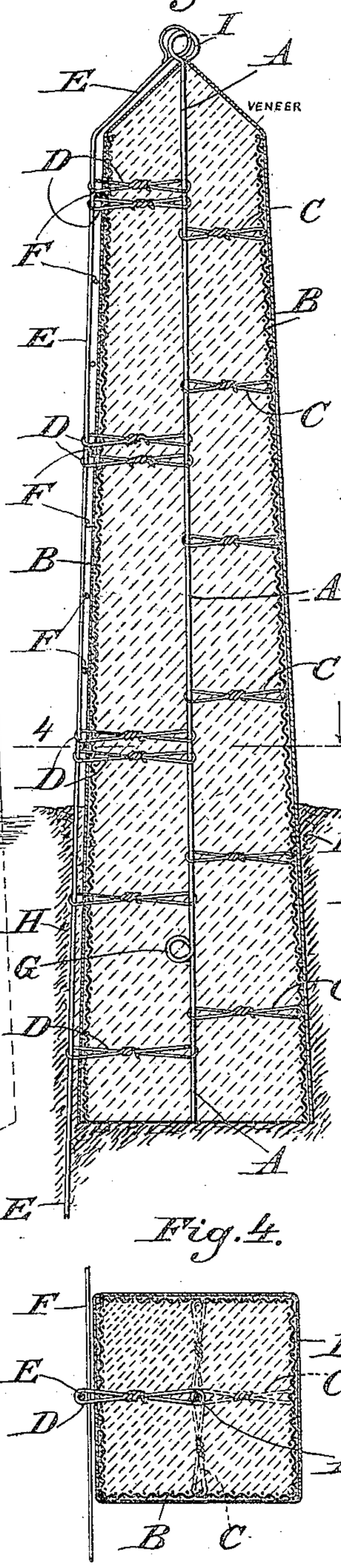

Fig. 3.

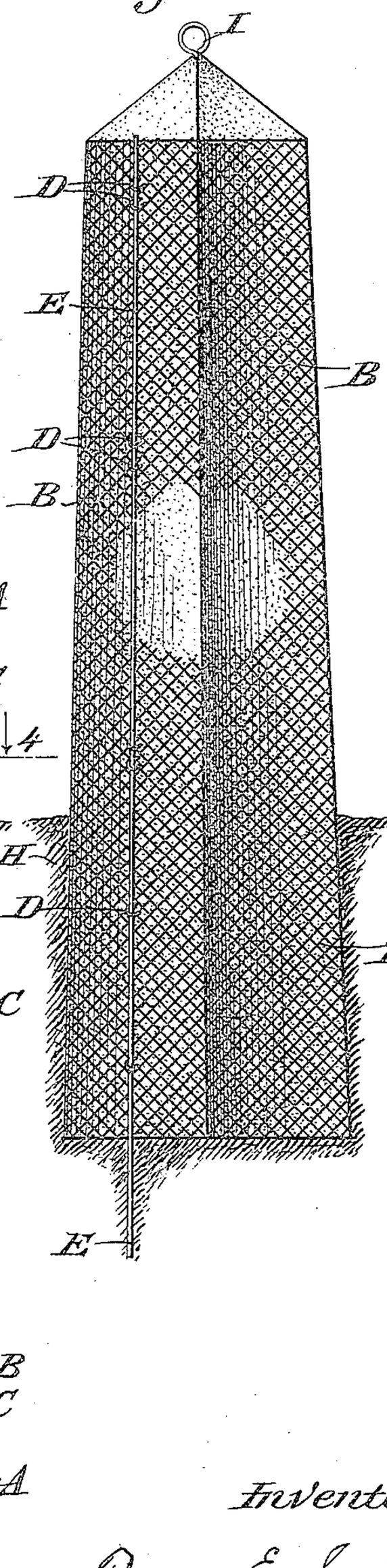

Fig. 4.

Witnesses:
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PERRY E. SMITH, OF DETROIT, MICHIGAN.

FENCE-POST.

No. 838,592. Specification of Letters Patent. Patented Dec. 18, 1906.

Application filed March 12, 1906. Serial No. 305,717.

To all whom it may concern:

Be it known that I, PERRY E. SMITH, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to posts having a cementitious body reinforced with iron or steel strengthening members and electrical conductor; and the object of my invention is to provide a post of great durability and with an outer shaft that will be a conductor of electrical currents. I attain this object by the combination illustrated in the accompanying drawings, in which—

Figure 1 represents a finished post. Fig. 2 is a vertical sectional view of same, showing its inner construction; Fig. 3, a post before veneering or painting. Fig. 4 is a cross-sectional view of same.

Referring to the letters of reference in the drawings, A represents an iron or steel shaft or strengthening member, with loop G of heavy wire running the entire length through center of post, extending out and bent over at top of post, forming a loop I to hang up by while curing and to tie to when used for hitching-post, and to pass top wire of fence through when one is used independent of woven fence.

B represents strengthening member of steel-wire netting, placed in mold when making post, covering outside and wholly embedded into concrete body thereof; C C, wire links hooked onto outer strengthening member B, back and sides of post, extending half-way through body of post and hooked around center shaft or strengthening member A.

D D represent similar links hooked around center shaft A and passing out through front half of body of post and extending out far enough from outside of same to admit fence F being placed across front of post and between it and electrical conductor E, which enters outer end of said links D D, passing through each and all of them and entering into the earth H to a depth that would insure its coming in contact with moist earth.

I am aware that prior to my invention wire has been used in reinforcing concrete posts. I am also aware that concrete posts have been made with wire loops at the top. Patents therefor have been granted; but I am not aware that the outer iron or steel shaft secured to inner shaft with links and extending into ground for the purpose of carrying electrical currents to earth has been used. Neither am I aware that outer steel-wire netting has been used in connection therewith.

I claim—

1. A concrete fence-post provided with an outer strengthening member of steel-wire netting, an inner shaft, links securing the inner shaft to outer strengthening member, an electrical conductor on outside of post extending into the ground and links connecting said conductor and inner shaft, substantially as specified.

2. A concrete post with outer strengthening member of steel-wire netting embedded therein, as set forth.

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