

No. 724,644.

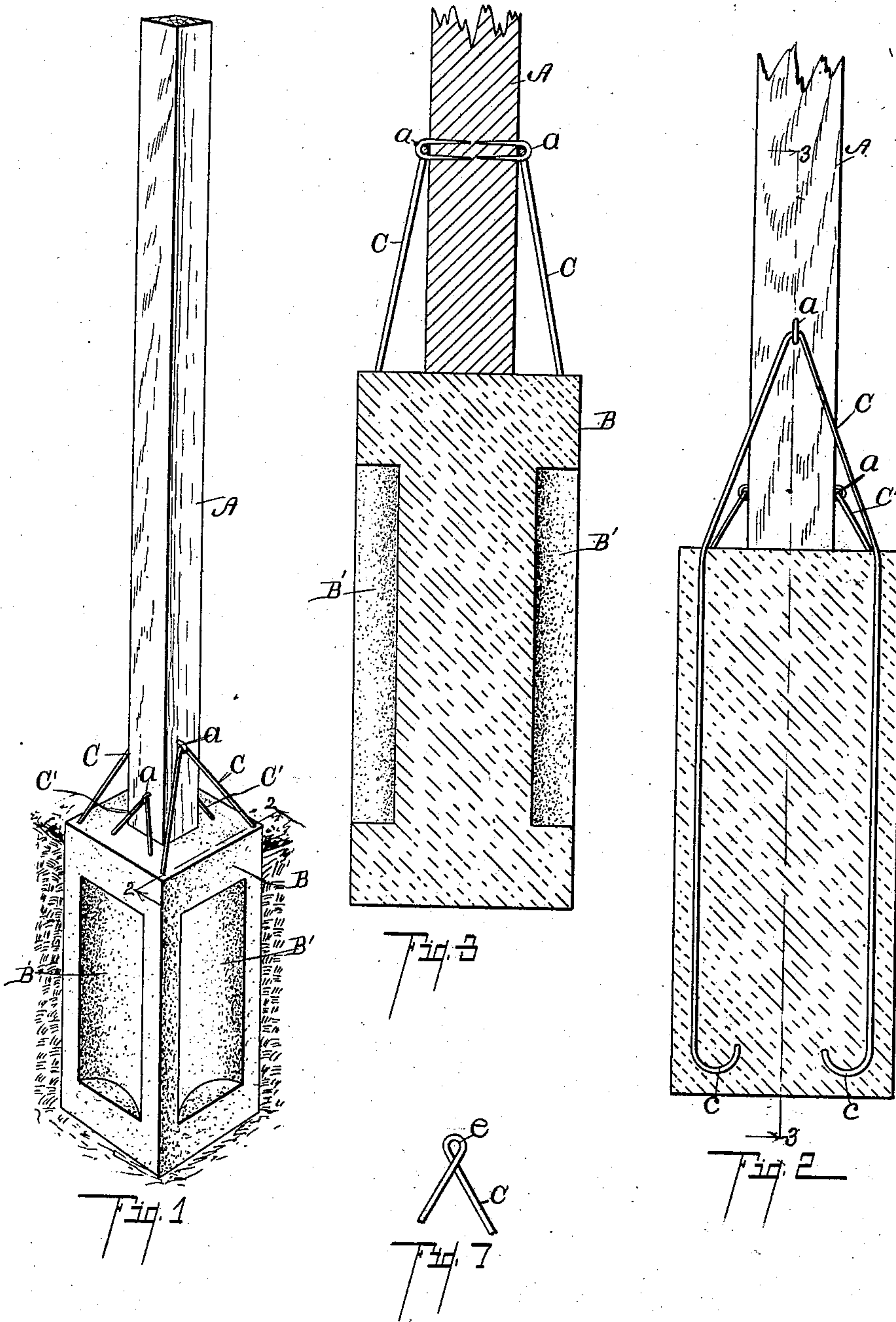
PATENTED APR. 7, 1903.

G. C. WINSLOW.
POST BASE.

APPLICATION FILED MAR. 29, 1902.

NO MODEL.

2 SHEETS—SHEET 1



Witnesses:

James Adams

Oliver B. Earl

Inventor,

George C. Winslow

By *Thos. L. Capper*
Att'y.

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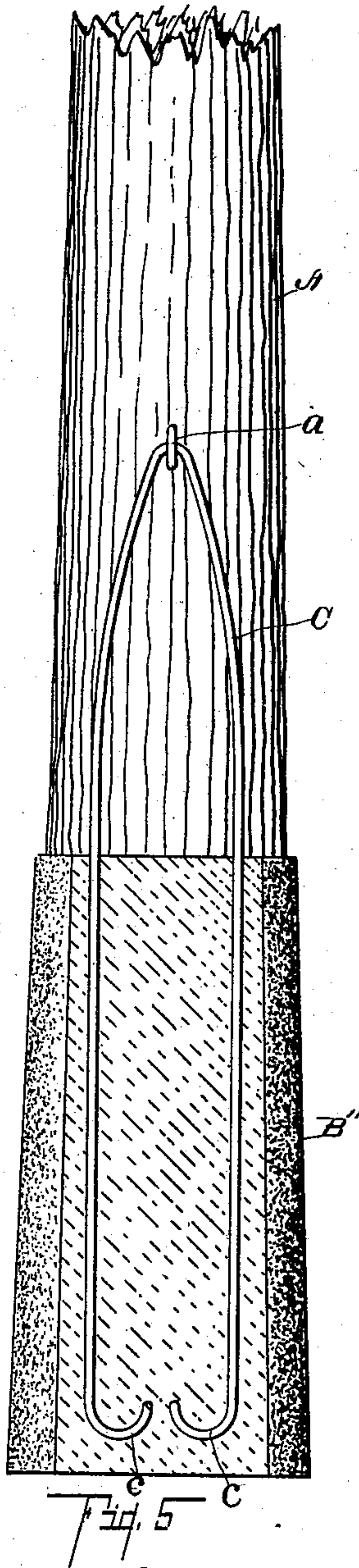
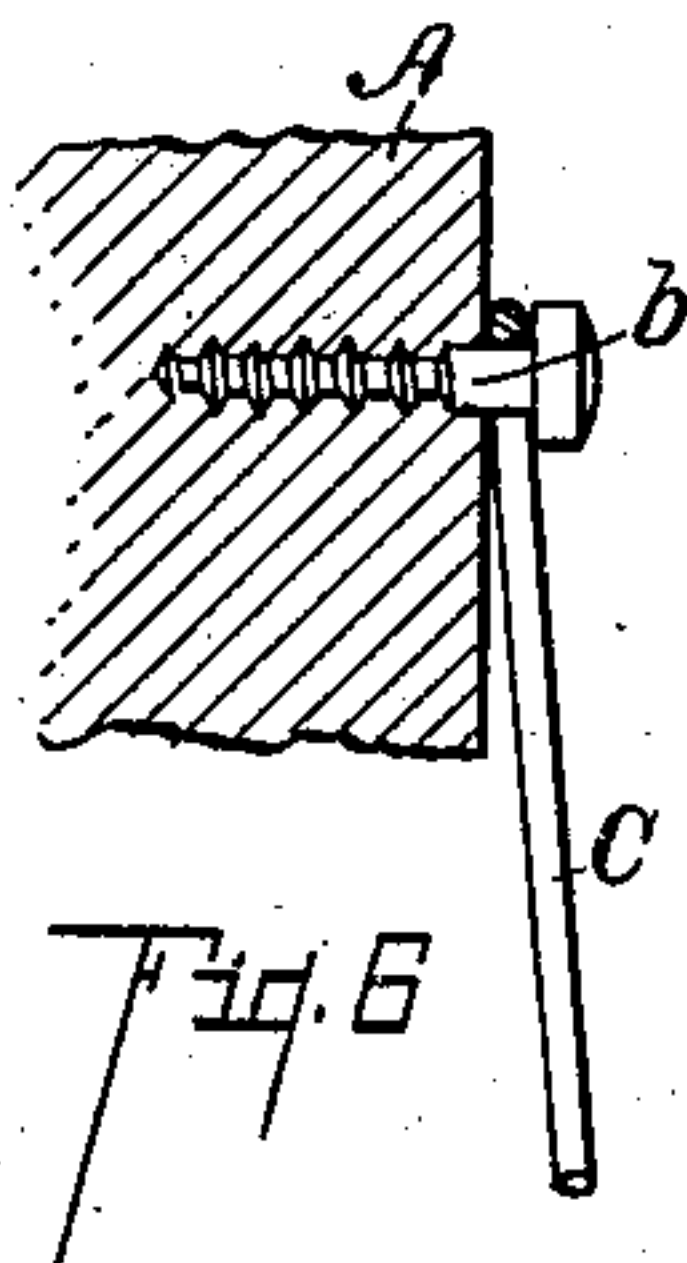
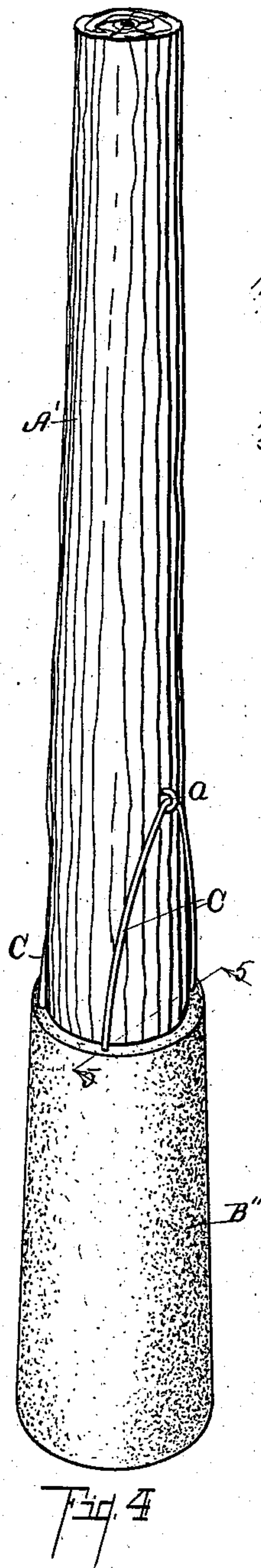
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James Adams
Otis A. Earl

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Att'y.

UNITED STATES PATENT OFFICE.

GEORGE C. WINSLOW, OF KALAMAZOO, MICHIGAN.

POST-BASE.

SPECIFICATION forming part of Letters Patent No. 724,644, dated April 7, 1903.

Application filed March 29, 1902. Serial No. 100,641. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. WINSLOW, a citizen of the United States, residing at the city of Kalamazoo, in the county of Kalamazoo and State of Michigan, have invented certain new and useful Improvements in Post-Bases, of which the following is a specification.

This invention relates to improvements in artificial-stone or cement bases for posts and the like.

The objects of the invention are, first, to provide an improved artificial-stone or cement post-base to which the post portion can be quickly and readily attached; second, to provide an improved artificial-stone or cement post-base to which posts of varying sizes and shapes may be readily and quickly secured in position on the base and are securely held thereon; third, to provide an improved fence-post base which shall be simple and economical to construct and use.

Further objects will definitely appear in the detailed description to follow.

I accomplish the objects of my invention by the means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of my invention is clearly illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of a structure embodying the features of my invention. Fig. 2 is a detail longitudinal sectional view taken on line 2 2 of Fig. 1. Fig. 3 is a detail longitudinal sectional view taken on line 3 3 of Fig. 2. Fig. 4 is a perspective view of a structure embodying the features of my invention, showing the same applied to a round post and with only two fastening devices. Fig. 5 is a detail sectional view taken on line 5 5 of Fig. 4. Fig. 6 is a detail sectional view illustrating the use of a wood-screw *b* as a means of attaching the fastening devices to the post. Fig. 7 is a detail view of a modified form of the upper end of the fastening device C.

In the drawings all of the sectional views are taken looking in the direction of the little arrows at the ends of the section-lines, and simi-

lar letters of reference refer to similar parts throughout the several views.

Referring to the lettered parts of the drawings, A represents the post proper, which may be made of any shape or size. B represents the body portion of a post-base which is formed of a suitable cement composition or other concrete material. When the base is formed square, as is illustrated in Figs. 1, 2, and 3, I preferably hollow out the sides, as at B', which serves to lighten the structure without materially detracting from its strength and also aids in retaining the post in the ground. Embedded in the cement body portion are looped rods or cables C, something like a hair-pin in shape. These are preferably formed of wire or some like material which is capable of being bent or sprung without breaking and form fastening devices for retaining the post in position. I prefer to place the same so that they come quite close to the surface in the base, as when thus arranged the tendency of the metal to split the body portion by its contraction and expansion is largely avoided.

Where the base is intended for use in connection with posts of small diameter, I provide a second pair of loops C', arranged to be secured to the posts on the sides opposite the first pair. When a double set of fastening-loops is provided, it is desirable that one set should be longer than the other, as greater rigidity to the union between the base and post is thus secured.

In uniting the post, as A, to the base B the post is set upon the base and the fastening devices secured thereto by staples *a*, as illustrated. However, other means may be provided, such as bolting through the post or by the use of wood-screws or a spike or the like.

It will be noted that posts of varying sizes may be secured to a standard size of base and retained there with equal facility, and the post may be either irregular in outline or square or round.

Where a post of moderately-large diameter is used, it is found entirely practical to use only two of the fastening devices to each base, as is illustrated in Figs. 5 and 6. It will also be noted that a reasonable range in the size of the post to which the base may be applied

is permissible in this arrangement, the base B'' and the post A' being retained together and the general arrangement of the parts being the same as that illustrated in Figs. 1, 2, 5 and 3. The fastening devices also serve as binding-rods to strengthen the bases and bind the composition together.

If desirable, the upper end of the loops C may be given a half-twist, as illustrated in 10 Fig. 7, which forms an eye to receive a bolt, screw, or spike, or the like to secure the post to the base. In practice I have found common fence-wire practical to use in forming the retaining devices where the structure is 15 to be used as a base for fence-posts and the like. It is apparent that this forms a very economical and strong structure, the strength of the union between the post and base depending upon the tensile strength of the material forming the fastening devices C rather 20 than its rigidity.

The use of the looped form of fastening device is very desirable, as it is stronger than any other form and adjusts itself to any form 25 of post. It is further apparent that the union between the post and base is very quickly accomplished and that variations in size or shape are not material, which is a very great advantage, as with the bases now in common 30 use it is necessary to fit the post to the particular base in connection with which it is to be used. This requires considerable skill and time.

I desire to remark that my improved post- 35 base is applicable for use in structures of any size, such as telegraph or telephone poles. It would of course be necessary in such structures to substitute heavier material for the fastening devices.

40 I have illustrated and described my improved post-base in the form which I believe to be the most practical. I am aware, however, that it is capable of considerable variation without departing from my invention. 45 The fastening devices C might be formed of two pieces and still a satisfactory structure be produced, although the looped form possesses many advantages which would be wanting in such a structure, and I desire to claim 50 the same broadly as well as specifically.

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

1. In a fence-post, the combination of a base of a suitable composition; fastening de- 55 vices C, C', arranged in pairs embedded in said base having looped ends extending above the top thereof; a post adapted to rest on said base between the extending ends of said fastening devices; and means for securing 60 the said fastening devices to said post for the purpose specified.

2. In a fence-post, the combination of a base of a suitable composition; fastening de- 65 vices formed of loops of flexible material having their arms embedded in said base and their looped ends extending above the top thereof; a post adapted to rest on said base between the extending ends of said fastening devices; and means for securing the said ex- 70 tending ends to said post, for the purpose specified.

3. In an artificial-stone or cement post-base, the combination of a suitable body portion; fastening devices formed of loops having 75 their arms embedded in said body portion and their looped ends extending above the top thereof, substantially as described.

4. In a fence-post, the combination of a base B of a suitable composition; fastening 80 devices formed of loops of wire, having hooks c formed on the arms thereof, which arms are embedded in the said base; a post adapted to rest on said base and to which the said fastening devices are secured, substantially as 85 described.

5. In a fence-post, the combination of a base B of a suitable composition; fastening devices formed of loops of wire, the arms of which are embedded in said base; a post 90 adapted to rest on said base and to which the said fastening devices are secured, substantially as described.

In witness whereof I have hereunto set my hand and seal in the presence of two witnesses. 95

GEORGE C. WINSLOW. [L. S.]

Witnesses:

IRENE ADAMS,
OTIS A. EARL.