

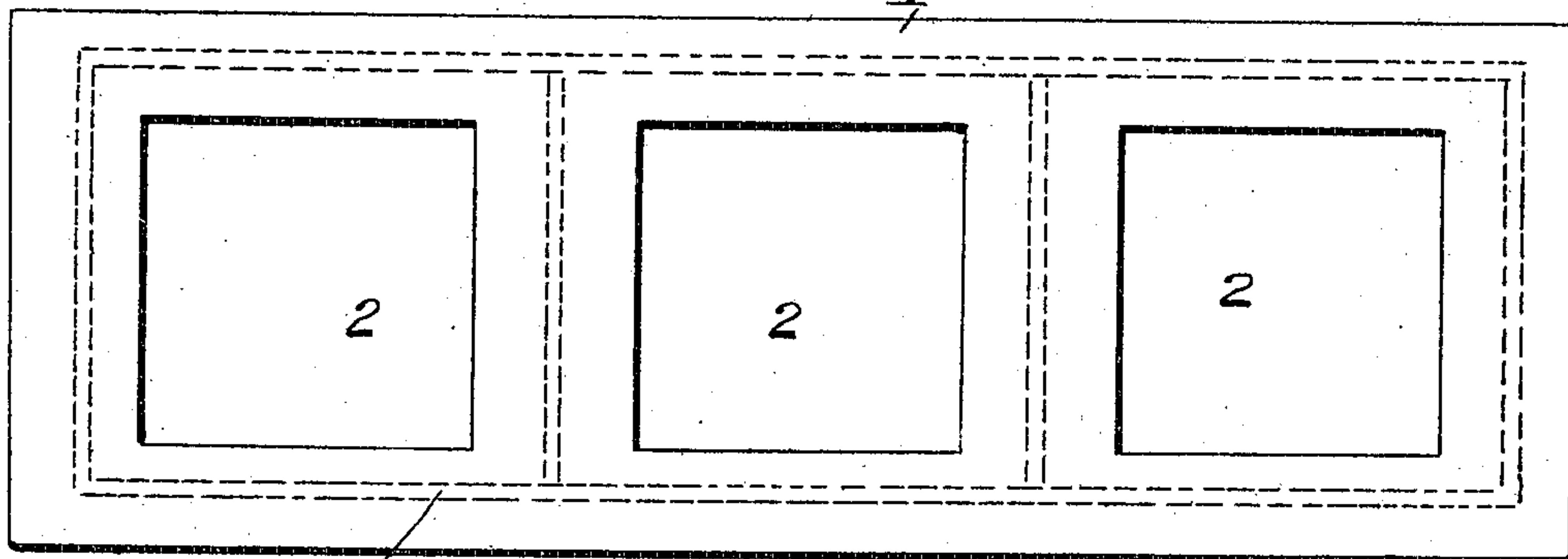
No. 838,523.

PATENTED DEC. 18, 1906.

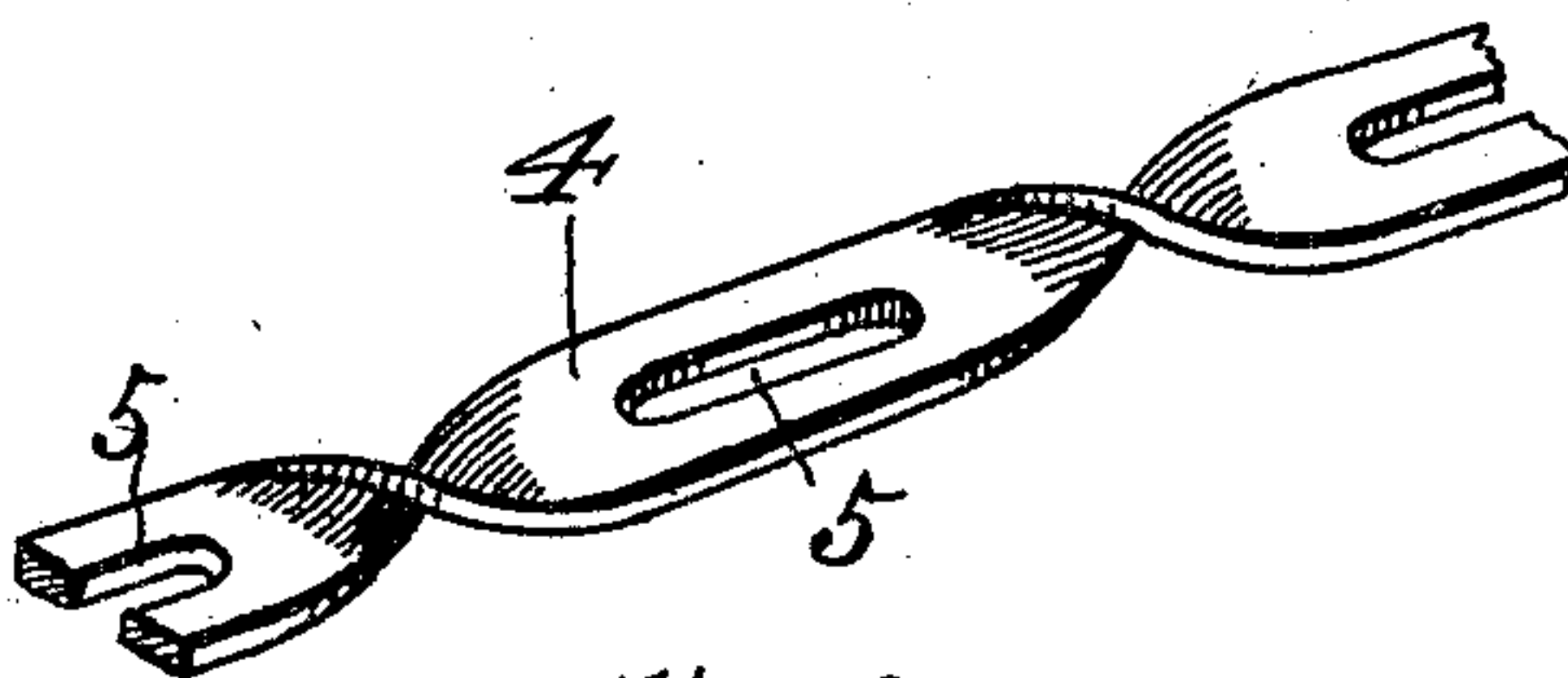
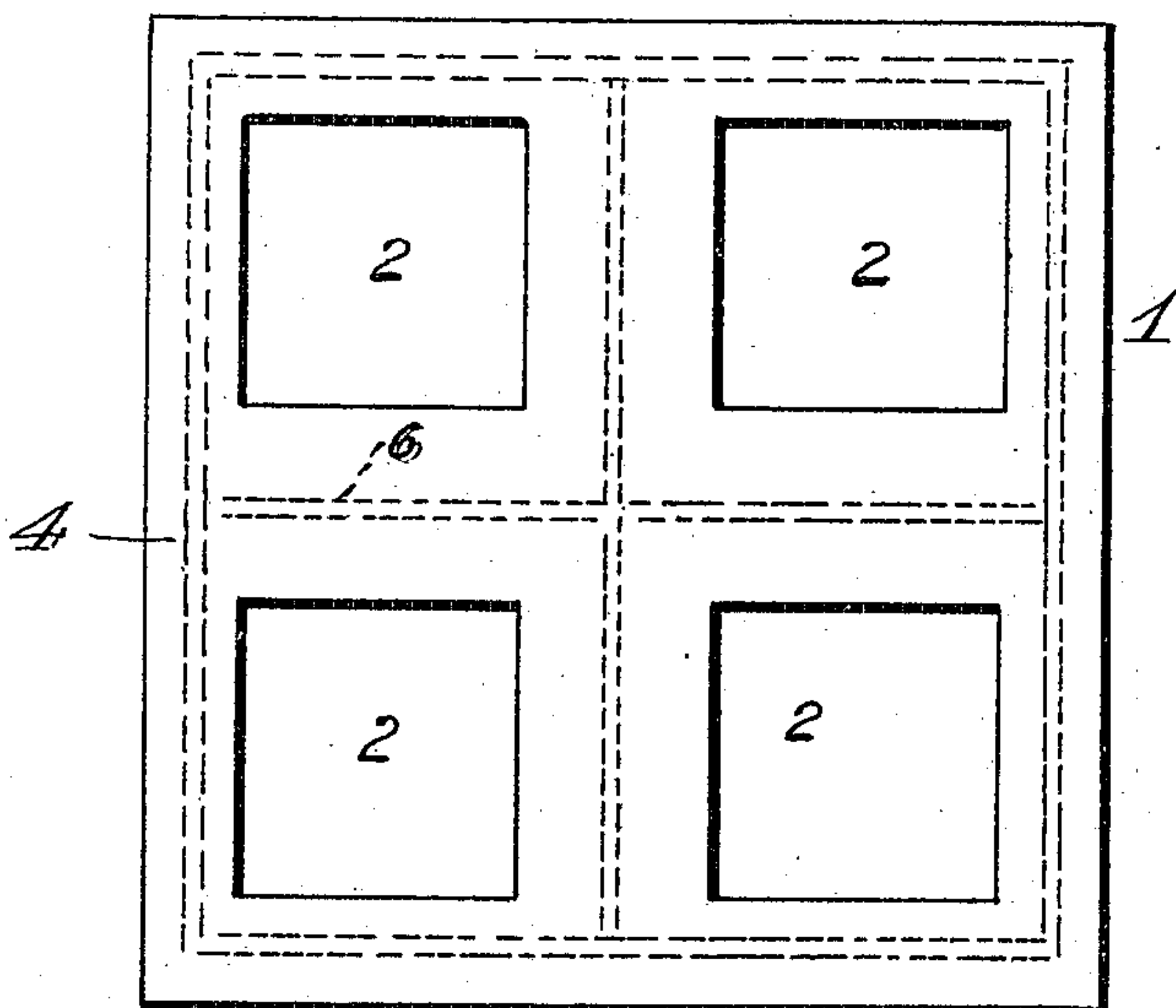
J. R. COCHRAN.  
CHIMNEY CAP.

APPLICATION FILED APR. 27, 1906.

*Fig. 1*



*Fig. 2.*



*Fig. 3.*

WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOSEPH R. COCHRAN, OF COLUMBUS, OHIO.

## CHIMNEY-CAP.

No. 838,523.

Specification of Letters Patent.

Patented Dec. 18, 1906.

Application filed April 27, 1906. Serial No. 314,059.

*To all whom it may concern:*

Be it known that I, JOSEPH R. COCHRAN, a citizen of the United States of America, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Chimney-Caps, of which the following is a specification.

This invention relates to new and useful improvements in chimney-caps, and it is the intention of this invention to provide a device of this character that will be formed of plastic material, preferably cement. It has been found in practice that a cap of this kind made of cement is much heavier than stone and easier to apply and retain in position.

It is an object of this invention to produce a novel device of this character provided with a reinforcing means embedded therein to hold the cap against fracture or action of the heat. This reinforce not only holds the cap against fracture, but prevents the same, should it possibly crack, spreading.

It is a further object of this invention to produce a device of the character noted possessing advantages in points of simplicity and durability as well as satisfactory in use.

With the foregoing and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, wherein like characters denote corresponding parts in the several views, in which—

Figure 1 is a plan view of a cap, said cap being constructed for a three-flue chimney. Fig. 2 is a view illustrating the cap constructed for a four-flue chimney. Fig. 3 is a detail view of the reinforce-bar employed in the cap.

In the drawings, 1 indicates the chimney-cap or crown, which is of such shape as to coincide with the upper or free end of the chimney and which is provided with the openings 2, which register with the flues of the chimney. In Fig. 1 a cap is shown as arranged for a three-flue chimney, while Fig. 2 illustrates a cap for a four-flue chimney.

The arrangement of these openings or apertures in the cap is not an essential feature of the invention, as it is the intention to provide an aperture or opening for each of the flues of the chimney to which it is applied. This cap or crown is molded from plastic material, preferably cement, and this has been found most desirable in use. This crown, of course, can be of any thickness; but it has been found desirable to have it approximately two and one-half inches. The object of this cap is to cover the top of the chimney only. The apertures allow the metal smoke-stacks to pass through the cap. The advantages of a chimney-cap of one piece are manifold over the common and ordinary finish of a chimney-stack. By having the cap of one piece it is virtually safe from the action of the elements.

Embedded within the cap and extending therearound is the flat metallic reinforce-rod 4. This rod is provided with longitudinal slots or openings 5, intermediate the twists, it being stated that the rod is not of a continuous twist, but only at intervals. The twisting of the rod enhances the purpose of the rod, while the perforations therethrough make the anchoring of the rod more permanent.

To further reinforce the cap, rods 6 are placed in those portions of the crown intermediate the openings. These rods are formed similar to the rod 4.

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

A cap for a chimney comprising a plastic block having openings therethrough, flat rods reinforcing the said block surrounding the openings, said rods being twisted at regular intervals and having elongated openings positioned intermediate the twists and extending longitudinally of the rods.

In testimony whereof I affix my signature, in the presence of two witnesses, this 17th day of April, 1906.

JOSEPH R. COCHRAN.

Witnesses:

RAY S. BATES,  
F. L. CORNELL.