

(No Model.)

J. BATMAN.
CHIMNEY CAP.

No. 457,628.

Patented Aug. 11, 1891.

Fig. 1.

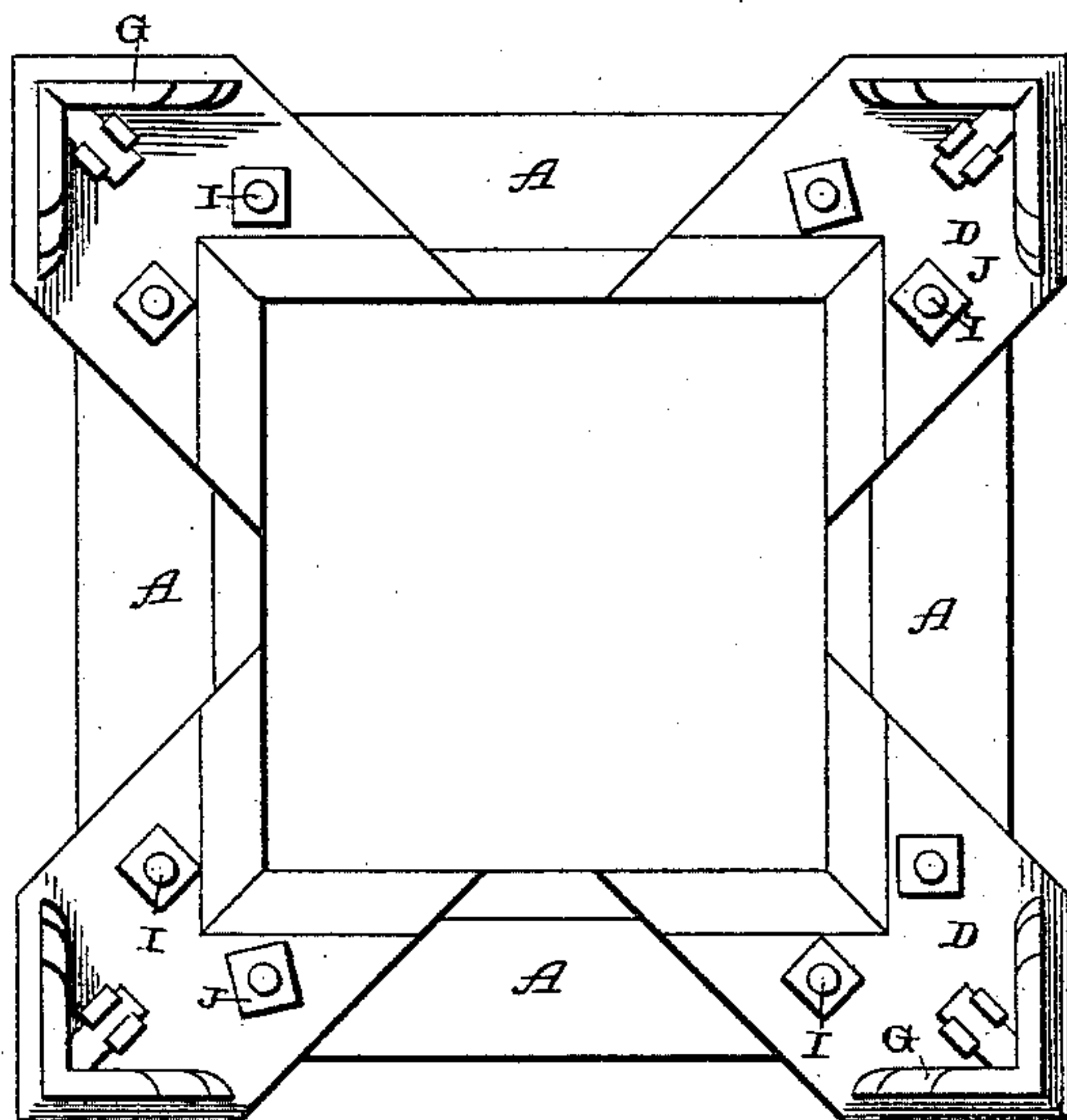


Fig. 2.

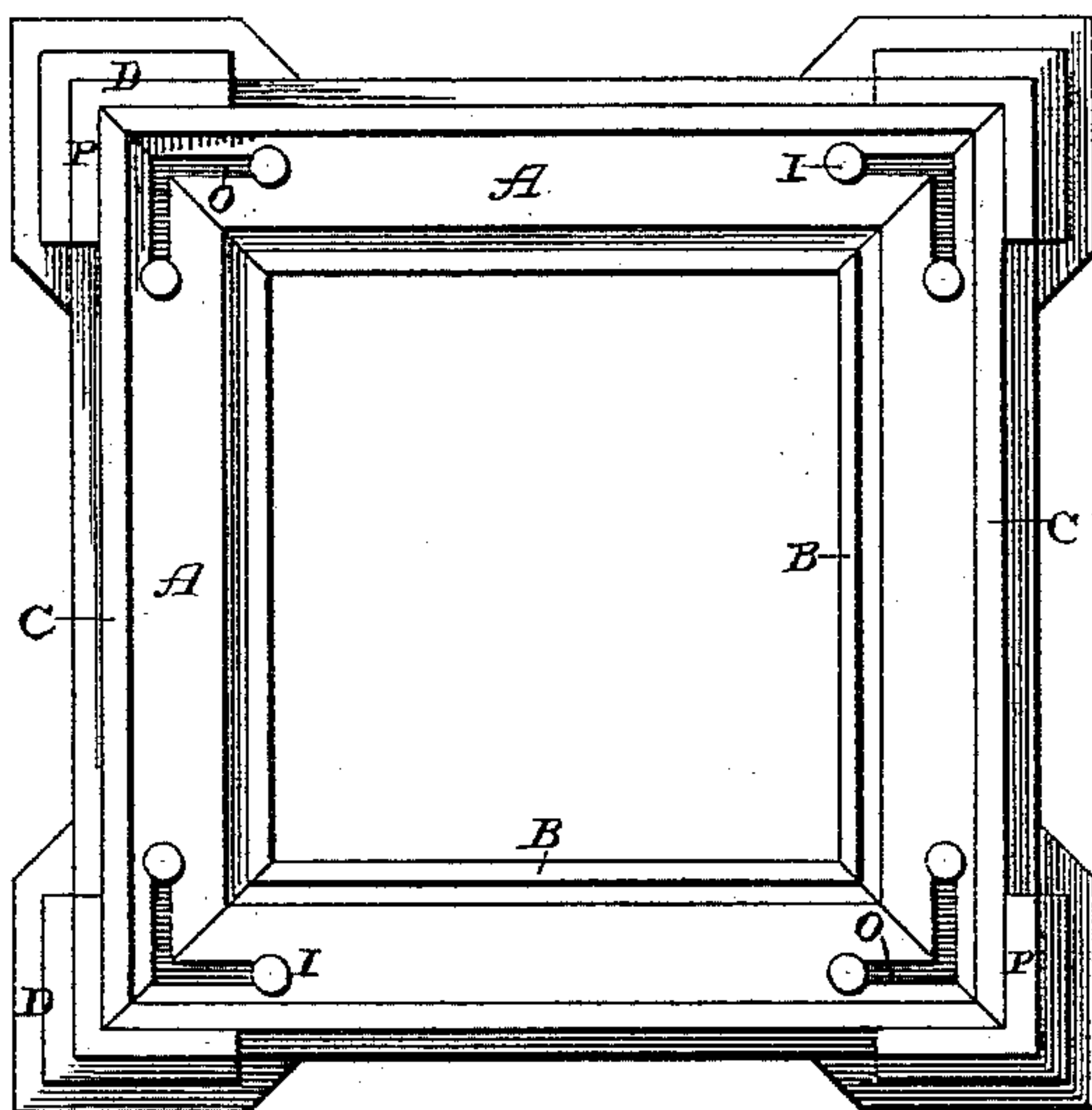
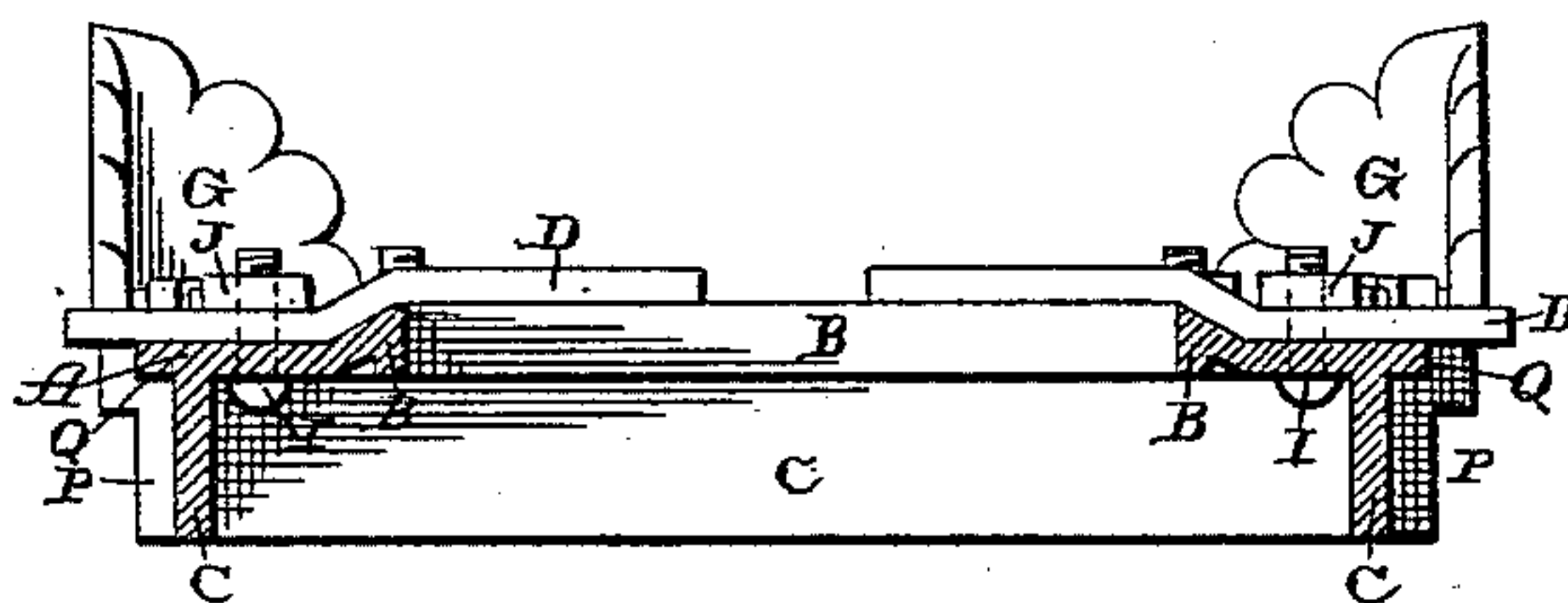


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JACOB BATMAN, OF SELIN'S GROVE, PENNSYLVANIA.

CHIMNEY-CAP.

SPECIFICATION forming part of Letters Patent No. 457,628, dated August 11, 1891.

Application filed January 16, 1891. Serial No. 378,019. (No model.)

To all whom it may concern:

Be it known that I, JACOB BATMAN, of Selin's Grove, in the county of Snyder and State of Pennsylvania, have invented certain
5 new and useful Improvements in Chimney-Caps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to
10 make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in chimney-caps; and it consists in an adjust-
15 able cap which is formed of four pieces which extend along the edges and tops of the chimney, four cap or corner pieces, and the clamping-screws which unite the parts and cover over the joints, as will be more
20 fully described hereinafter.

The object of my invention is to produce a chimney-cap which can be applied to chim-
neys of different shapes and sizes, and which will produce an ornamental finish at the same
25 time that the top rows of bricks are secured rigidly in position.

Figure 1 is a plan view of a cap which em-
bodies my invention. Fig. 2 is an inverted
view. Fig. 3 is a vertical section.

30 A represents four horizontal pieces of any desired length and width, and which have their ends cut at an angle, as shown, so that they will make a joint when brought to-
gether. The inner edges of these pieces A
35 are inclined upward at any suitable angle, so as to not only prevent the rain or snow from running off the top of the pieces into the chimney, but for the purpose of deflect-
ing the air upward as it passes over the top
40 of the cap, and thus prevent it from passing down into the chimney and interfering with the draft. From the inner edge of these up-
wardly-inclined portions are the depending
flanges B, which extend down toward the flue
45 and which close it up all around the chimney, and thus make one continuous smooth flue all around the inside of the cap, meeting and corresponding with the brick-work.

Projecting downward from or near the
50 outer edges of the pieces A are the vertical

flanges C, which catch over the outer row of brick-work and clamp the bricks securely in position. These flanges may be of any de-
sired width and extend down around the out-
side of the chimney any desired distance. 55
If these flanges are set inward a slight dis-
tance from the outer edges of the pieces A, a
flange is formed around the outer edge of the
cap, as shown.

For the purpose of covering over the joints 60
made by uniting the ends of the pieces A there is applied to each corner of the cap a cor-
ner-piece D, either of the shape here shown, or
any other that may be preferred, and upon
the tops of which any suitable ornaments G 65
may be secured. These corner-pieces fit over
the entire corners of the chimney-cap and
have their inner ends inclined upward, so as
to correspond to the flanges B. These cor-
ner-pieces are secured to the pieces A by 70
means of clamping-bolts I, which are passed
up through the open-ended slots O in the
pieces A and the corner-pieces, as shown,
and then have the nuts J applied to them, so
as to lock the pieces securely together. The 75
open-ended slots allow the corner-pieces to
be made adjustable in relation to the pieces
A, and hence the cap can be applied to chim-
neys of different sizes and which have both
square and oblong shapes. The corner-pieces 80
are also provided with vertical flanges P,
which extend down as far as the vertical
flanges at the outer edges of the pieces A,
and which flanges have suitable grooves Q
made in their inner and upper edges, so as 85
to receive the outer edges of the pieces A, as
shown. The caps cover all of the joints be-
tween the ends of the pieces A at the same
time that they connect the pieces A rigidly
together. 90

A cap constructed as here shown and de-
scribed can be applied to all square and ob-
long chimneys, and while it gives the chim-
ney a finished and ornamental appearance,
it secures the upper row of bricks rigidly in 95
place and serves to deflect the air upward, so
as to assist the draft and prevents the moist-
ure upon the top of the cap from running
down into the chimney.

By having dovetail sockets formed on the 100

top of the cap a purchaser can have any form of ornament he desires applied without the trouble of removing the caps.

Having thus described my invention, I
5 claim—

In a chimney-cap, the pieces A, provided with vertical longitudinal slots in their ends, flanges depending from the under sides of the pieces A between their edges, the corner-pieces
10 having depending flanges on their outer edges

which are provided with horizontal grooves to receive the projecting edges of the pieces A, and clamping-bolts, the parts combined substantially as specified.

In testimony whereof I affix my signature in 15
presence of two witnesses.

JACOB BATMAN.

Witnesses:

W. E. HOUSWERTH,

W. W. BATMAN.