No. 751,534. PATENTED FEB. 9, 1904.

F. MINGER.

CHIMNEY TILE.

APPLICATION FILED MAR. 31, 1903.

NO MODEL.

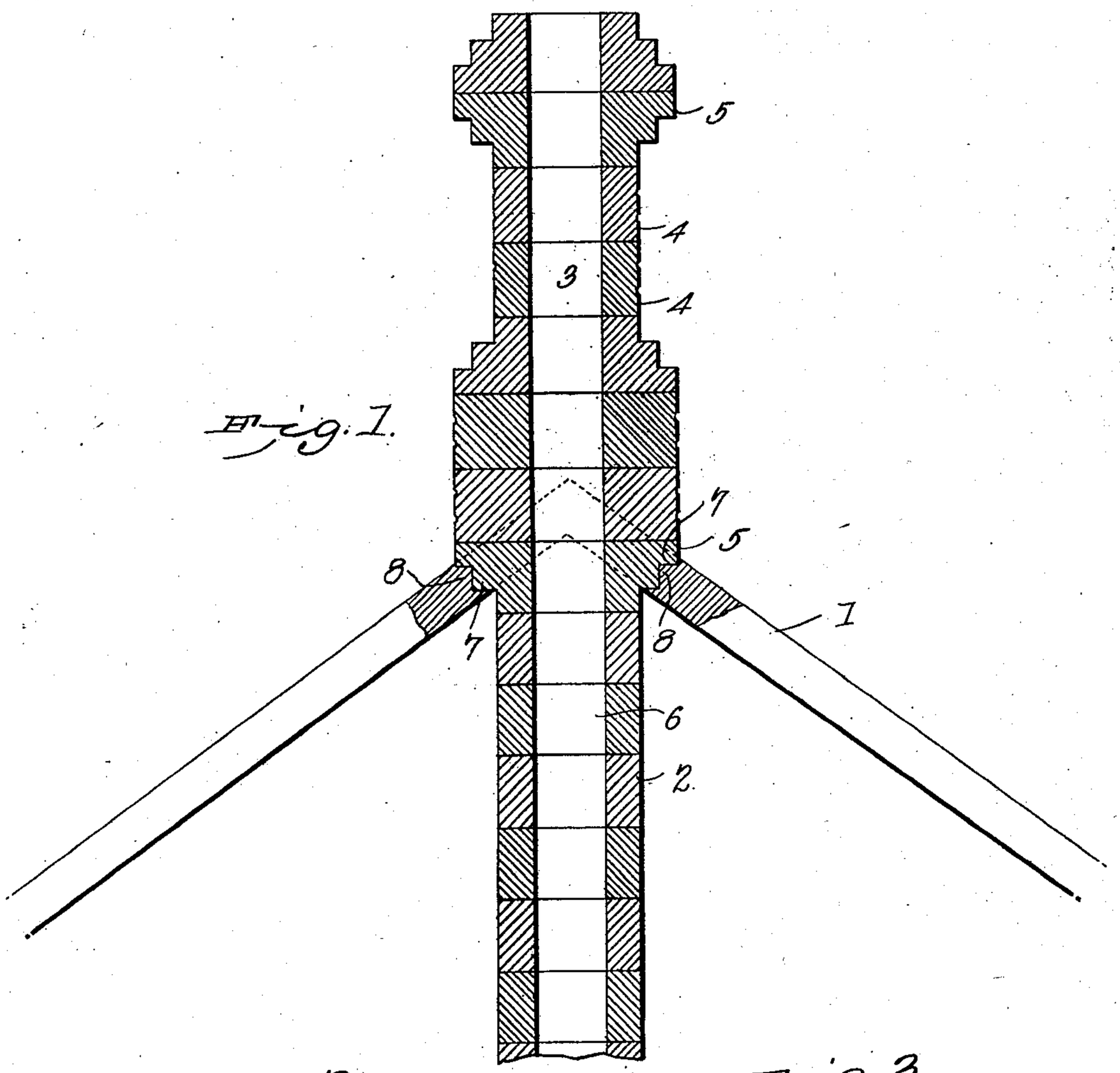


Fig. 1.

Fig. 2.

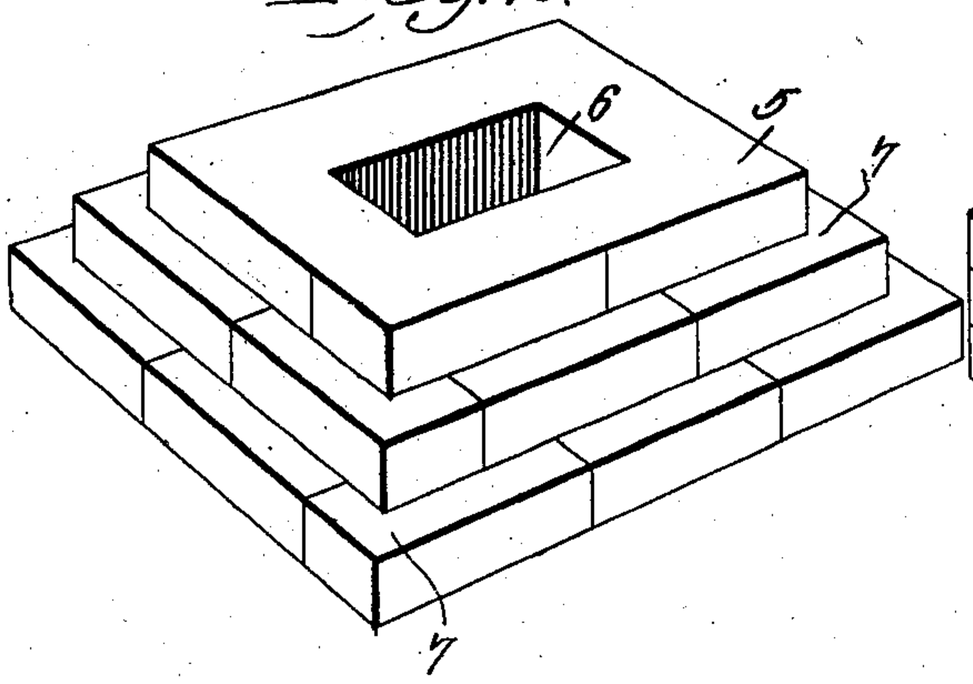
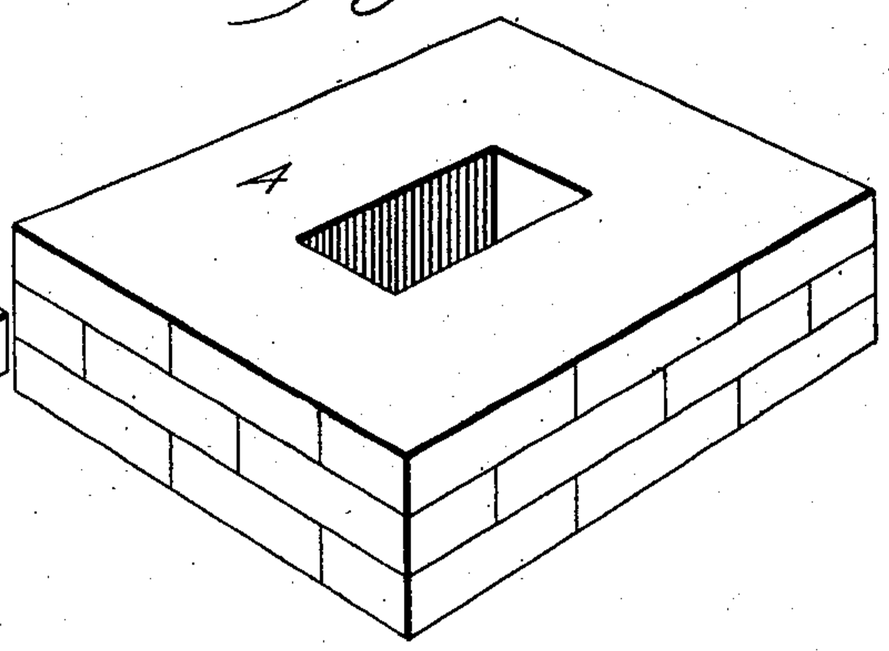


Fig. 3.



Witnesses
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No. 751,534. Patented February 9, 1904.

UNITED STATES PATENT OFFICE.

FRANKLIN MINGER, OF WESTBEND, IOWA.

CHIMNEY-TILE.

SPECIFICATION forming part of Letters Patent No. 751,534, dated February 9, 1904.

Application filed March 31, 1903. Serial No. 150,462. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN MINGER, a citizen of the United States, residing at Westbend, in the county of Palo Alto and State of Iowa, have invented a new and useful Chimney-Tile, of which the following is a specification.

My invention relates to chimney-tiles, and has for its objects to produce a device of this character which will be simple of construction, efficient in operation, and one which in practice will produce a strong durable chimney having a firm secure connection with the roof of a building and with the top of the main flue.

To these ends the invention comprises the details of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a sectional elevation illustrating a chimney constructed of my improved tiles and showing the manner of connecting the chimney with the building-roof and with the main inside flue. Fig. 2 is a perspective view of one of the terminal tiles. Fig. 3 is a similar view of one of the main tiles.

Referring to the drawings, 1 indicates the roof of a building, 2 the main inside flue, and 3 the chimney constructed of my improved tiles and consisting of a series of main or body tiles 4 and terminal tiles 5.

My improved tiles are of a size and shape in horizontal section to form a complete course of the chimney. In Fig. 3 I have illustrated the main or body tile as being rectangular in shape and provided with a square central flue-opening, the outer walls of the tile being parallel to each other and slightly grooved longitudinally and transversely to represent bricks, while the terminal tiles (illustrated in Fig. 2) are provided with a similar central flue-opening 6, which registers with the flue-opening in the main body-tiles when the tiles are positioned one upon another in erecting a chimney. The terminal tiles are shown as being rectangular in horizontal section; but instead of the outer walls being of the same diameter throughout the vertical plane of the tile when in position they are made up of a series of steps 7, which when the lower tile of the chimney is in position engage with similar steps or shoulders 8, formed on the interior of the chimney seat or socket of the building, as clearly shown in Fig. 1, securely connecting the lower or foundation tile with the building and constituting a firm supporting-basis upon which the chimney is erected and by which it will be rigidly sustained. The lower end of the chimney-opening registers with the upper end of the main flue 2.

It is to be understood, of course, that in practice the contour of the tile in horizontal section may be variously modified to produce chimneys of varying designs and that the outer surface of the tile may be suitably colored and stenciled to represent bricks; but in all cases the outer face of the terminal tile will be stepped, as herein shown, to engage with the steps formed in the chimney-socket to constitute a firm support for the chimney, as above described.

Having thus described my invention, what I claim is—

1. The combination of a lower terminal tile for chimneys having its outer normally vertical face formed into a plurality of steps or shoulders, and a roof-socket correspondingly shouldered to provide a rest for said tile.

2. As a new article of manufacture, a lower terminal tile for chimneys having its outer normally vertical face formed into a plurality of steps or shoulders continuous throughout the circumference of the tile.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANKLIN MINGER.

Witnesses:
W. H. PARKIN,
JOS. DORWEILER.