

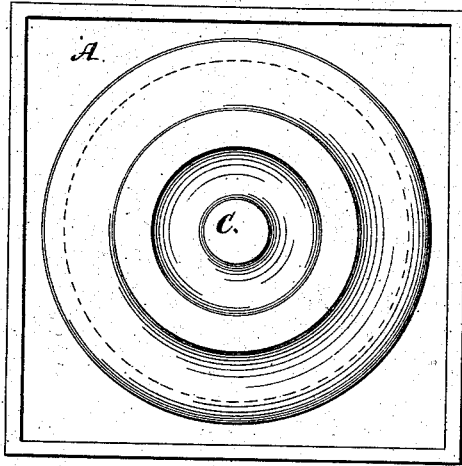
W. KENDALL.

STOVE-FLUE THIMBLE-TILE.

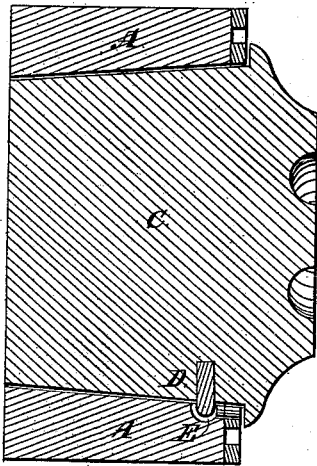
No. 190,145.

Patented May 1, 1877.

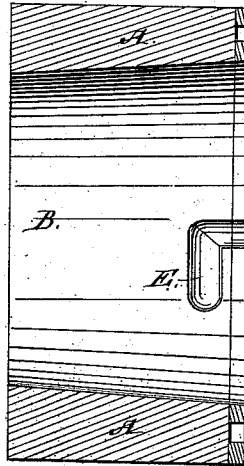
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

*J. Bissell*

*M. H. Saunders*

Inventor:

*William Kendall*

# UNITED STATES PATENT OFFICE.

WILLIAM KENDALL, OF ST. LOUIS, MISSOURI.

## IMPROVEMENT IN STOVE-FLUE THIMBLE-TILES.

Specification forming part of Letters Patent No. **190,145**, dated May 1, 1877; application filed May 15, 1876.

*To all whom it may concern:*

Be it known that I, WILLIAM KENDALL, of St. Louis, county of St. Louis, and State of Missouri, have invented a new and useful Improvement in Stove - Flue Thimble - Tiles, which improvement is fully set forth in the following specification, reference being made to the accompanying drawings.

The object of my invention is to provide a fire-proof thimble to be built in as part of a wall or chimney into which it is intended to introduce a stove-pipe.

The thimble may be set as well in any ceiling, floor, or roof through which pipes are to pass. It can also be used for a ventilator.

A, Figure 1, is the tile, which I intend to make of a compound of equal parts of fire and common clay. The tiles are to be made one brick long and three bricks thick for a five-inch pipe, a brick and a half by four bricks for seven-inch pipe, and proportionately larger

or smaller for other sizes, avoiding the disadvantage of cutting the brick. B is a flue-hole in the tile; C, stopper to close the flue with when the pipe is absent; D, lock-spur on the stopper; E, locking-groove in the tiles, into which the lock-spur is to be inserted. A partial turn of the stopper fastens it in, and draws the flange tightly against the tile, to prevent the passage of disagreeable matters, such as smoke, soot, or gases.

The tile can be molded in tasteful ornamental styles.

I claim as my invention—

The burned-clay block A, with its stopper-hole B and locking-groove E, in combination with the stopper C and its lock-spur D, as and for the purposes herein described.

WILLIAM KENDALL.

Witnesses:

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