

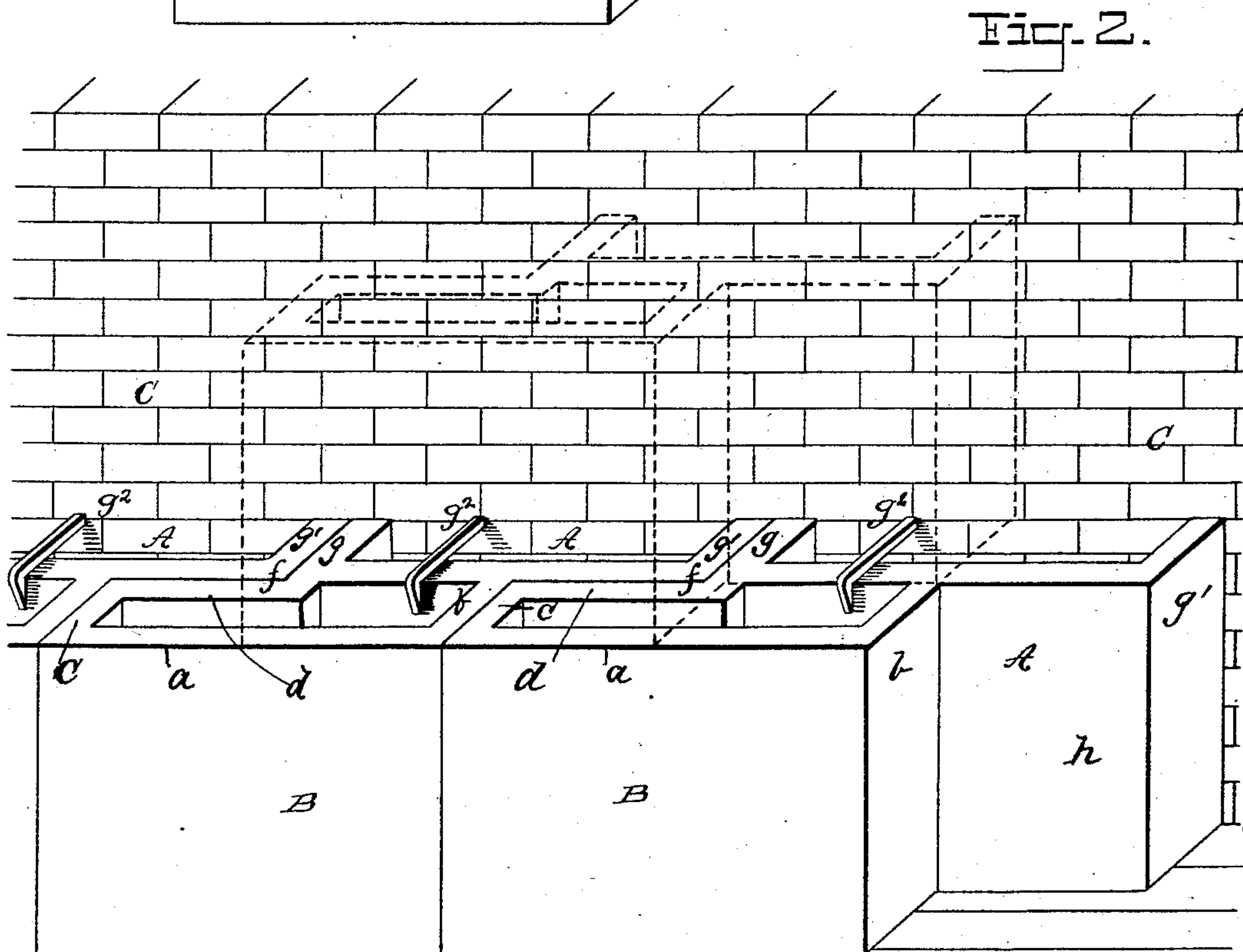
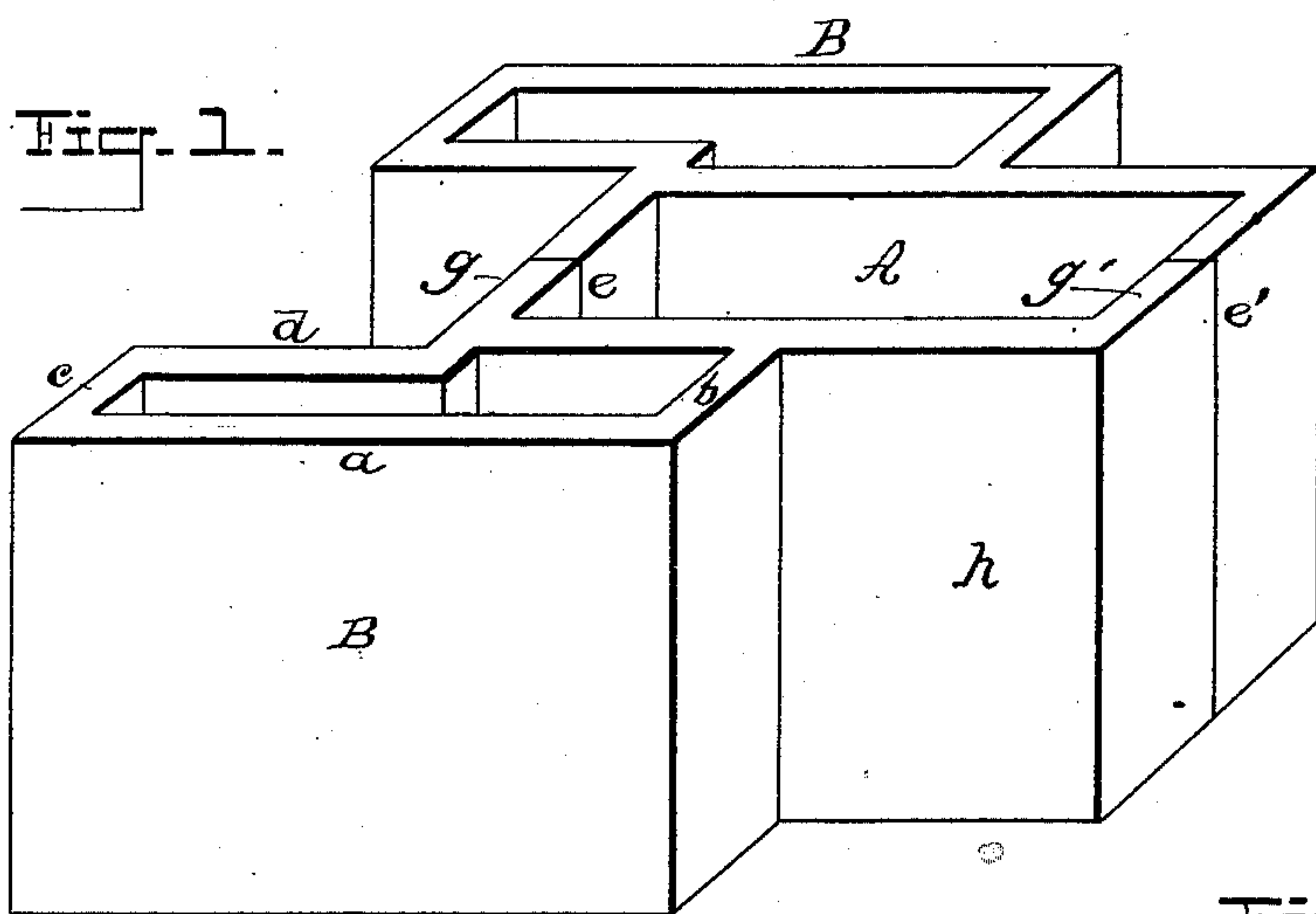
(No Model.)

T. W. SNELL.

FURRING TILE.

No. 360,625.

Patented Apr. 5, 1887.



WITNESSES:

O. D. Mott

W. D. Mott

INVENTOR:

T. W. Snell

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

THOMAS W. SNELL, OF CHICAGO, ILLINOIS.

FURRING-TILE.

SPECIFICATION forming part of Letters Patent No. 360,625, dated April 5, 1887.

Application filed November 16, 1886. Serial No. 219,109. (No model.)

To all whom it may concern:

Be it known that I, THOMAS W. SNELL, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Furring-Tiles, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a perspective view showing the manner of forming my improved tile, and Fig. 2 is a perspective view showing the application of my improved tile to the wall of a building.

Similar letters of reference indicate corresponding parts in both views.

The object of my invention is to provide a tile for furring the walls of buildings for the exclusion of dampness and cold and for supporting the plastering.

My invention consists in a hollow compartmented tile formed so that when laid along with other similar tiles the vertical joints of the furring will be broken, so that moisture and cold will be excluded.

For convenience in manufacture I form two tiles together, and separate them after baking. The double tile is formed of a central rectangular part with a rectangular opening extending from the top downward through the tile, and two lateral parts, B, which are similar, but oppositely arranged with respect to each other. Each lateral part is provided with a narrow wall, *a*, and end wall, *b*, which joins the side wall of the part A at the center thereof, the opposite end wall, *c*, being connected with the wall *d*, which is parallel to the wall *a*. The wall *d* extends to a point opposite the end wall of the part A, where it turns at right angles toward the part A, and joins the said part A at the end thereof.

The wall *d* of the part B of the tile is of the same length as the exposed portion of the side wall of the part A between the wall *b* and the end of the said part A, and the width of the outer end of the part B is equal to the width

of the wall *b*. The double tile thus formed is sawed apart, or otherwise separated, on the lines *e e'* at opposite ends of the part A, forming two distinct tiles, each consisting of the irregular body portion B, provided with the side flange, *g*, and the end flange, *h*, having the angular extension *g'* projecting parallel with the side flange, *g*. The ends of the walls of the part A thus cut off are placed against the wall C of the building, and the projecting ends of the parts B are allowed to overlap the parts A, as shown in Fig. 2, forming zigzag vertical joints *f*. The tiles of each tier thus laid are fastened to the wall C by hooks *g²*, which are driven into the joints between the layers of brick, and one course of tiles is laid above another, and each course is secured by the hooks *g²*.

The interlocking of one tile into another (in the manner described) gives the furring great strength, and the peculiar form of tile provides double air-spaces, which effectually exclude dampness.

My improved tile may be made of any suitable material, such as burnt clay, cement, or plaster-of-paris.

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

1. As an improved article of manufacture, a furring-tile consisting of a hollow irregular body portion provided with a side flange, and an end flange having an angular extension parallel with the side flange, as set forth.

2. The herein-described tile, consisting of the hollow body portion B, having an offset on one side, and provided with the flange *g*, the same being an extension of the offset, and with the end flange, *h*, having the angular extension *g'* parallel with the flange *g*, as specified.

THOMAS W. SNELL.

Witnesses:

SIDNEY F. SNELL,
JAMES DUFFY.