

No. 685,148.

Patented Oct. 22, 1901.

F. W. KEEN & H. G. LAMBURN.

WALL TIE.

(Application filed Feb. 9, 1901.)

(No Model.)

FIG. 1.

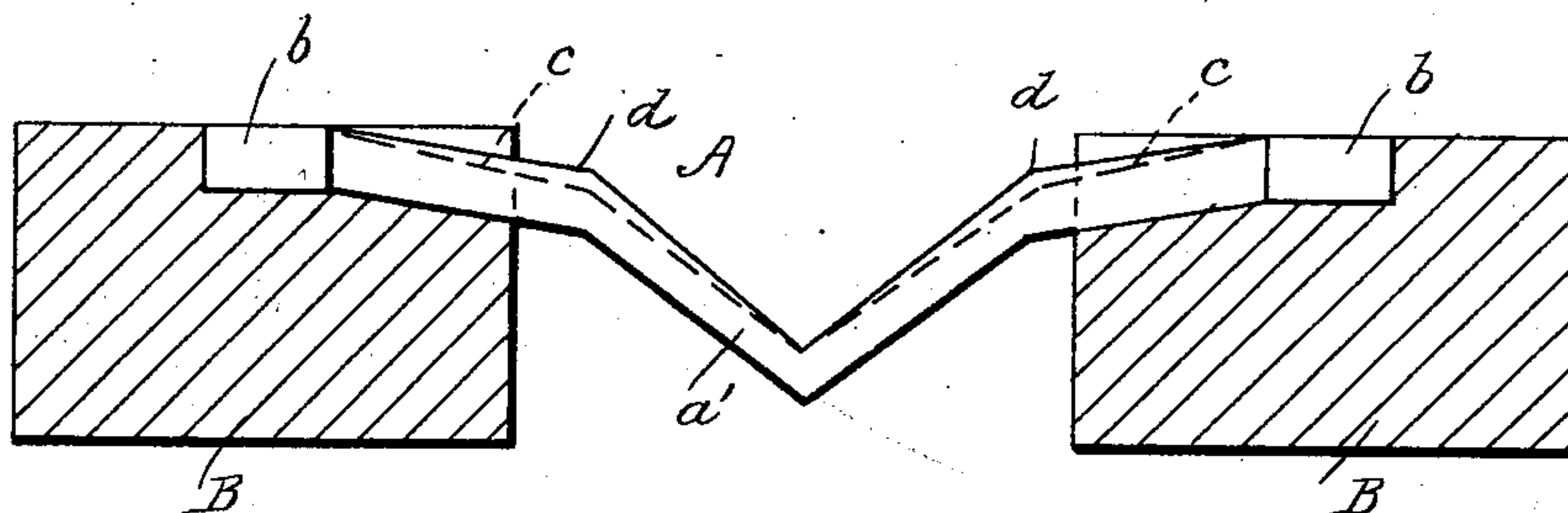
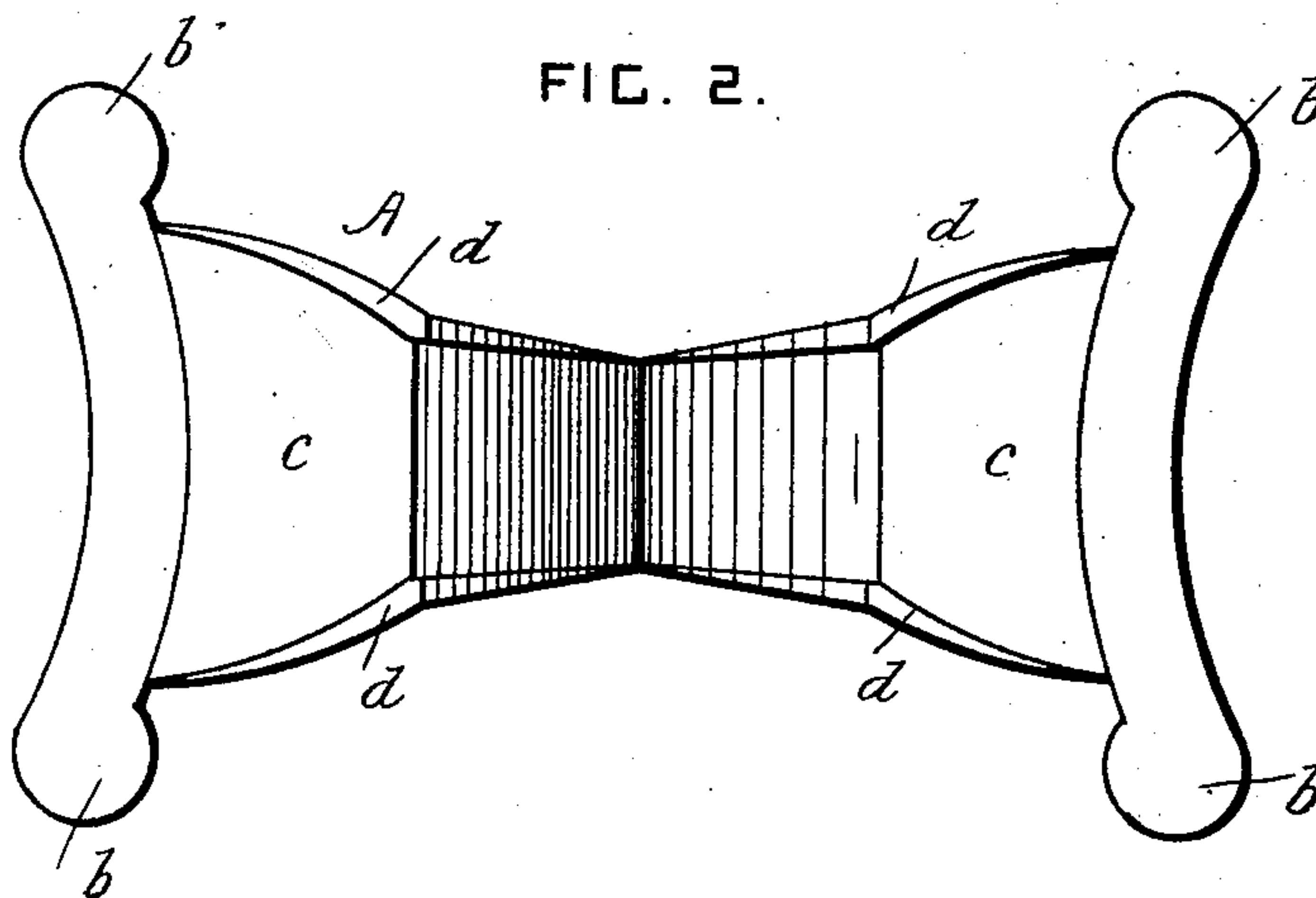


FIG. 2.



WITNESSES

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FREDERICK W. KEEN AND HENRY G. LAMBURN, OF BOSTON,
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WALL-TIE.

SPECIFICATION forming part of Letters Patent No. 685,148, dated October 22, 1901.

Application filed February 9, 1901. Serial No. 46,629. (No model.)

To all whom it may concern:

Be it known that we, FREDERICK W. KEEN and HENRY G. LAMBURN, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Wall-Ties; and we 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
10 which it appertains to make and use the same.

This invention relates to wall-ties; and it consists in the novel construction of the same, as hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of
15 a wall-tie, showing the bricks in section. Fig. 2 is a plan view of the wall-tie.

A is a plate provided with a V-shaped middle portion *a'* and projecting lugs *b* at its corners. The main portions of the plate are
20 slightly inclined at *c* between the lugs and the middle portion *a'*, and *d* denotes upwardly-projecting flanges extending along the sides of the parts *c* and along the upper parts of the middle portion *a'*.

B represents the bricks, which have suitable recesses in their upper surfaces for receiving the parts *c* and the lugs *b*. 25

The plate A holds the bricks at the prearranged distance, and any moisture in the wall runs over the inclined parts *c* and drops from
30 the apex of the V-shaped portion instead of running down the side of the wall.

What we claim is—

A wall-tie plate provided with a V-shaped middle portion, inclined side portions and
35 lugs for engaging with the bricks, and upwardly-projecting flanges on the edges of the middle and side portions, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses. 40

FREDERICK W. KEEN.
HENRY G. LAMBURN.

Witnesses:

ALICE J. MURRAY,
FRED. K. DAGGET.