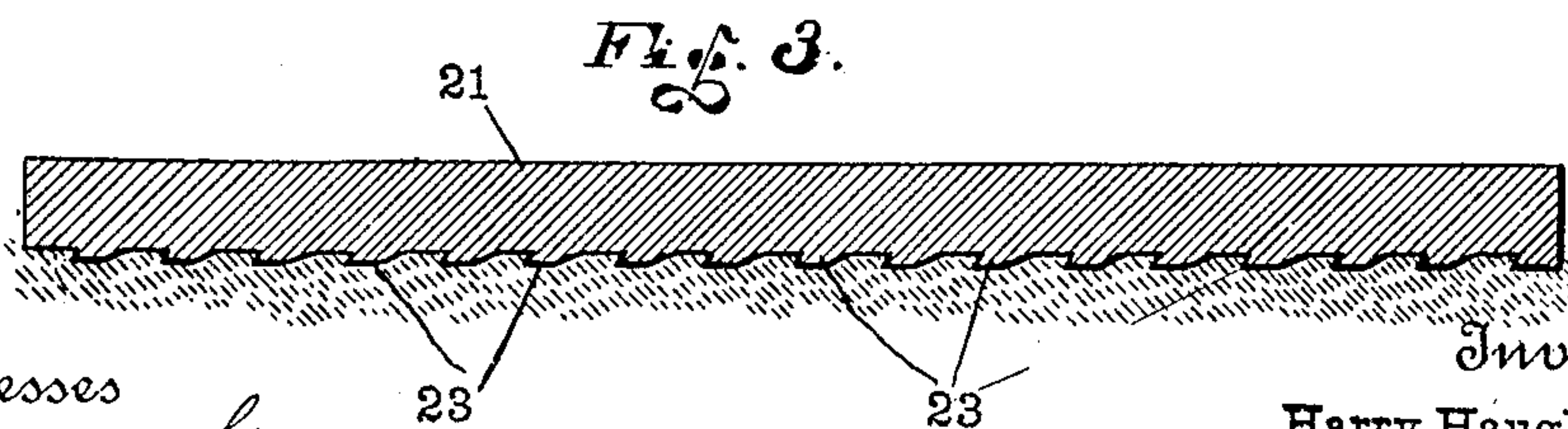
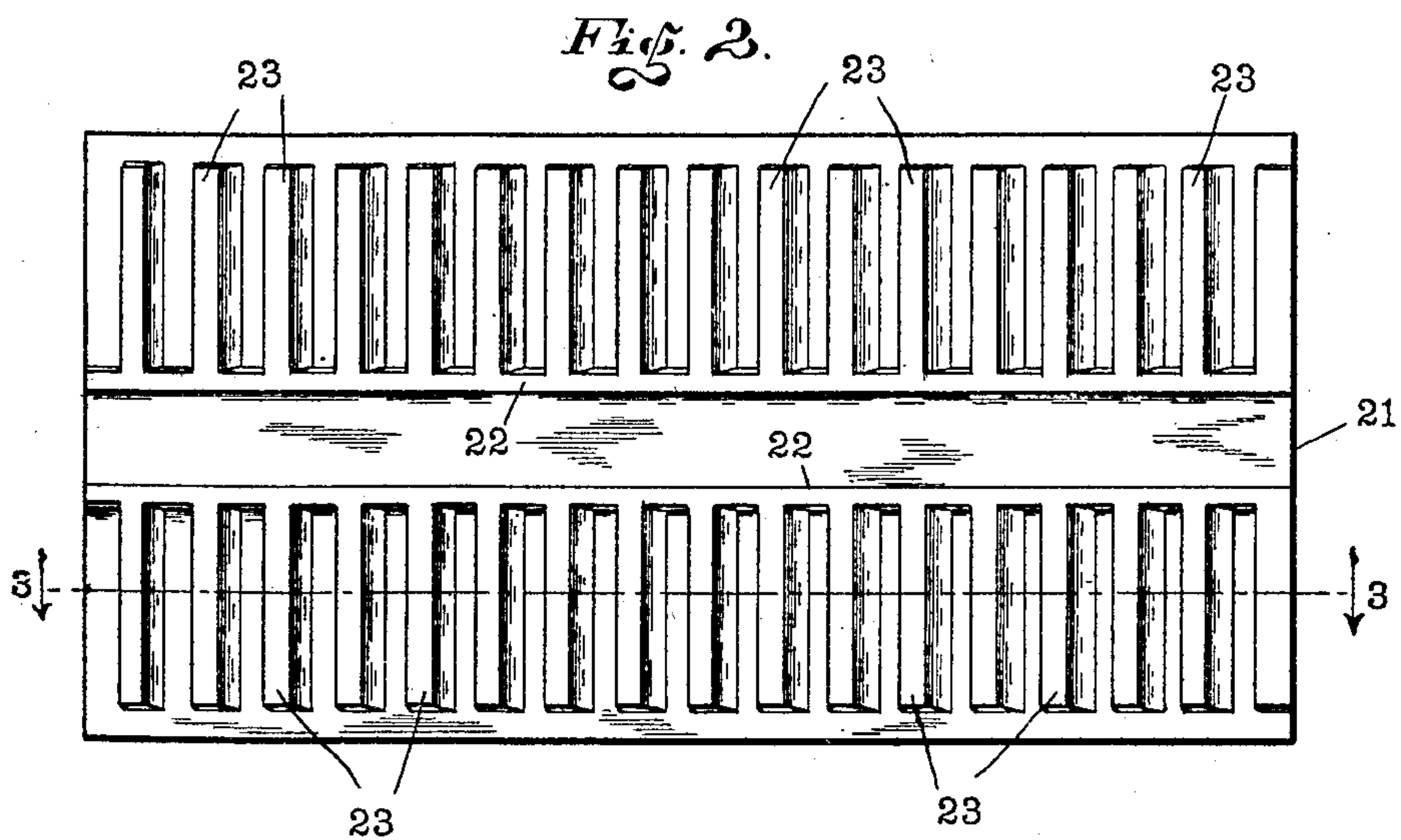
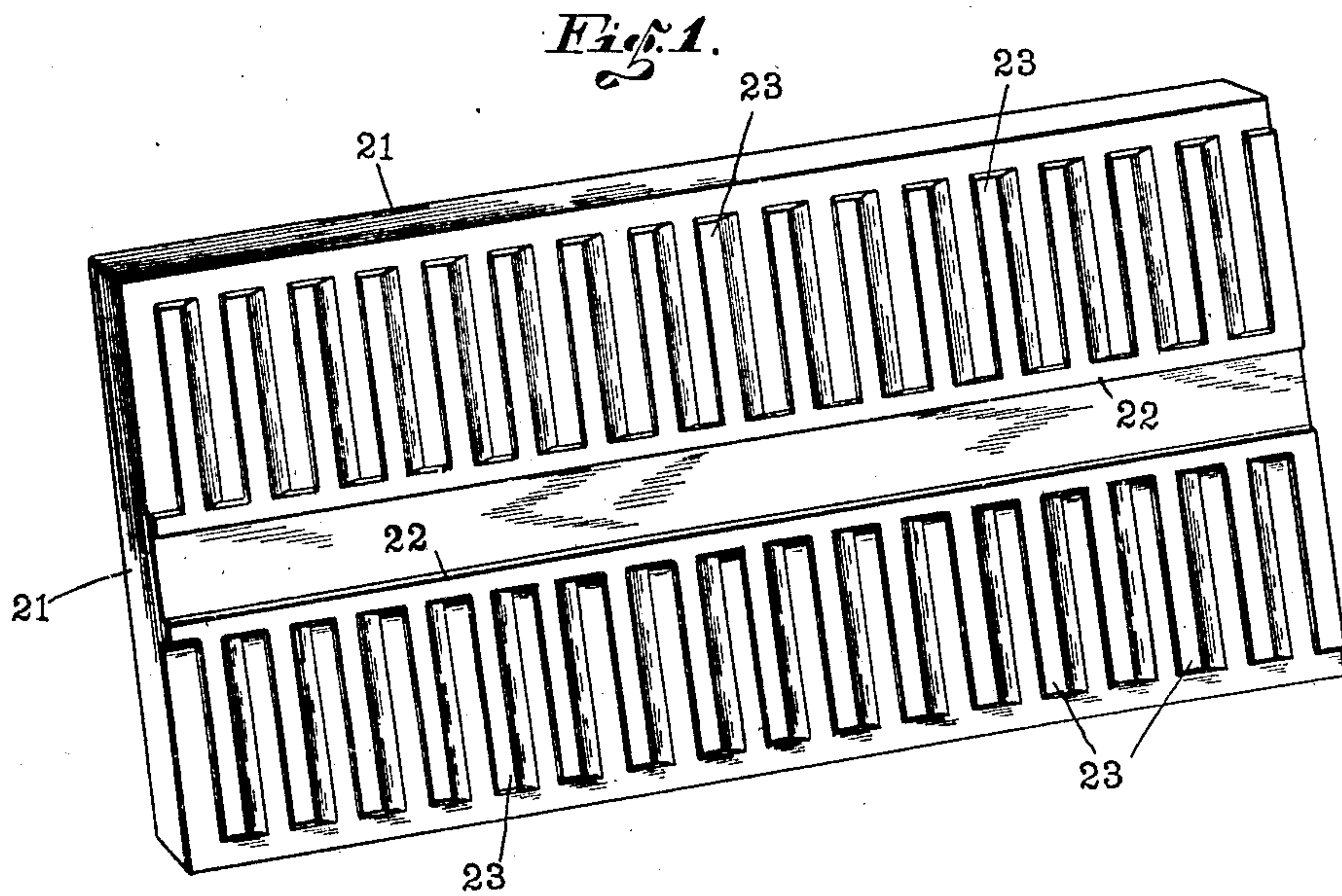


No. 869,362.

PATENTED OCT. 29, 1907.

H. HAUGH.
TILE.

APPLICATION FILED OCT. 28, 1905.



Witnesses
Adelaide Kearns.
J. A. Walsh.

Inventor
Harry Haugh
By
Bradford & Hood,
Attorneys

UNITED STATES PATENT OFFICE.

HARRY HAUGH, OF ANDERSON, INDIANA.

TILE.

No. 869,362.

Specification of Letters Patent.

Patented Oct. 29, 1907.

Application filed October 28, 1905. Serial No. 284,832.

To all whom it may concern:

Be it known that I, HARRY HAUGH, a citizen of the United States, residing at Anderson, in the county of Madison and State of Indiana, have invented certain
5 new and useful Improvements in Tiles, of which the following is a specification.

Plain backed tile are difficult to set so as to adhere efficiently to walls, especially where used as wainscot-
ing. It has frequently been proposed to make such
10 tile with keyed or dove-tail grooved backs, for the purpose of causing them to adhere better. When dove-tail shaped grooves are formed in the central portions of the backs of tiles, however, there is a difficulty in
15 embedding them properly in the cement because of the tendency to cause air pockets into which the cement cannot be forced by the ordinary methods of setting tile.

It is the object of my present invention to produce a
tile in which there shall be a multiplicity of grooves
20 each of which shall have an open end so as to prevent the pocketing of the air, said grooves being preferably formed with one side sloping and the other side somewhat undercut, thereby providing numerous short walls
25 into which the cement will enter and with which it will securely engage.

The accompanying drawings illustrate a tile embodying my invention:

Figure 1 is a perspective view of such a tile; Fig. 2
an under side plan view, and Fig. 3 a longitudinal sectional view thereof at the point indicated by the dotted
30 line 3 3 in Fig. 2.

This tile, 21, is shown with two longitudinal ribs, 22,

near upon its inner surface and near its center; and from these there extends toward each edge numerous
small lateral ribs, which terminate a short distance 35 from the edge of the tile, the inner ends of the intervening spaces being closed by the ribs 22, while the outer ends of such spaces are open. Said lateral ribs, 23, are preferably undercut slightly upon one side, while the other side is sloping. Tile formed in this
40 manner are easily set in the cement by placing them against the cement and pushing them slightly endwise so that the cement will lock in the spaces between the ribs, as indicated in Fig. 3.

Having thus fully described my said invention, what 45 I claim as new, and desire to secure by Letters Patent, is,—

1. A tile having formed upon its under face a central longitudinal rib and a plurality of laterally extending separated ribs connected with said longitudinal rib at
50 their inner ends, each of said ribs having one side undercut and the other side beveled in the same direction, and the outer ends of said ribs unconnected.

2. A tile having formed upon its under face a central longitudinal rib and a plurality of laterally extending
55 separated ribs connected with said longitudinal rib at their inner ends, each of said ribs having one side undercut and the other side beveled in the same direction, and the outer ends of said ribs unconnected and ending short
60 of the edge of the tile.

In witness whereof, I, have hereunto set my hand and seal at Anderson, Indiana, this 25th day of October, A. D. one thousand nine hundred and five.

HARRY HAUGH. [L. S.]

Witnesses:

B. O. HAUGH,
GEORGE LILLY.