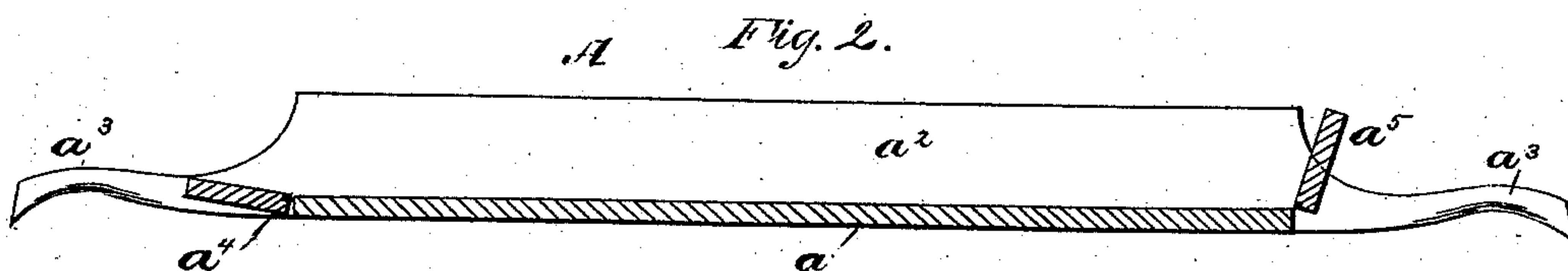
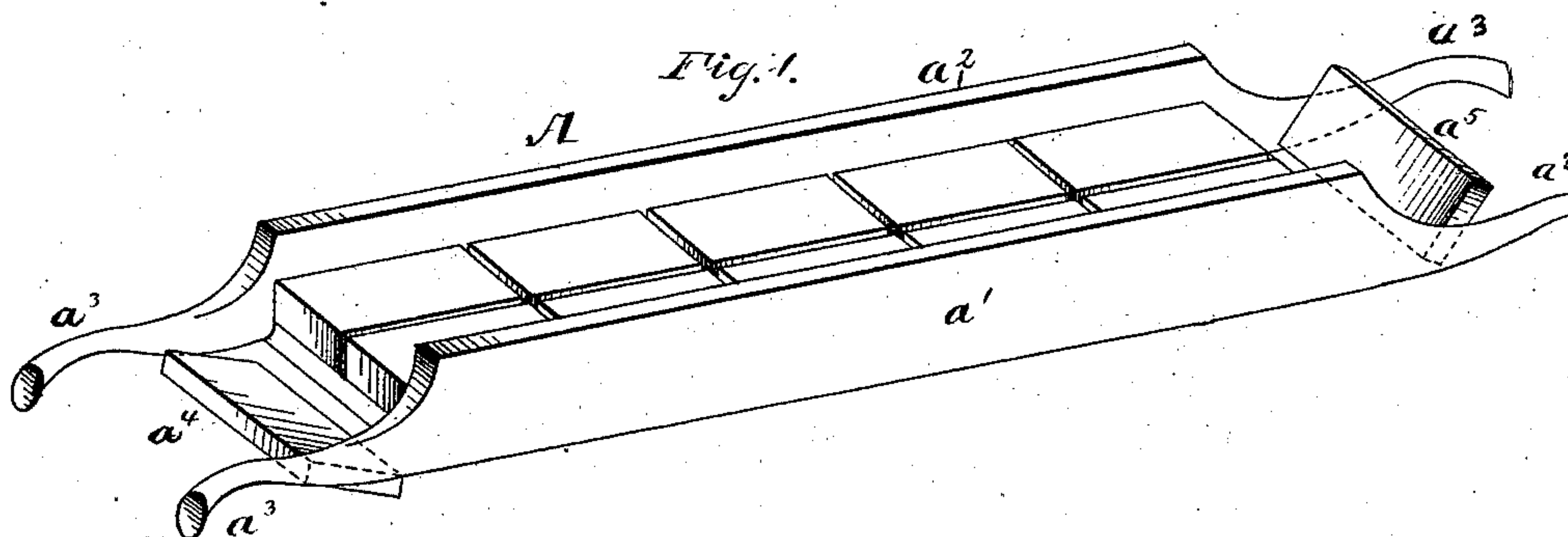


W. H. LUDLOW.  
Brick Off-Bearing Case.

No. 222,062.

Patented Nov. 25, 1879.



WITNESSES

*F. D. Thomson*  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. LUDLOW, OF RED CLOUD, NEBRASKA.

## IMPROVEMENT IN BRICK-OFF-BEARING CASES.

Specification forming part of Letters Patent No. **222,062**, dated November 25, 1879; application filed October 8, 1879.

*To all whom it may concern:*

Be it known that I, WILLIAM H. LUDLOW, of Red Cloud, in the county of Webster and State of Nebraska, have invented certain new and useful Improvements in Brick-Off-Bearing Cases; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to a brick-off-bearing device; and consists of a case or tray having sides, handles, and end pieces, by means of which the bricks are handled, protected, and dried, preparatory to burning, in a novel and superior manner, all of which will be hereinafter fully shown.

In the drawings, Figure 1 is the case, showing the brick in it and the end pieces down. Fig. 2 is a vertical longitudinal section of it.

A is the case, constructed with a bottom,  $a$ , side pieces,  $a'$   $a^2$ , preferably about five inches in depth from the bottom,  $a$ , so as to leave a space between the bricks and top when they are on their edges, and handles  $a^3$ , continued from each end of the side pieces,  $a'$   $a^2$ .

The case is made smooth on its interior to give finish to the bricks. It is made of any desired size, but, preferably, to hold as many bricks as one, two, or four men can readily carry, and in such proportion as to allow the bricks to be sufficiently separated to admit a free circulation of air around them. It is provided with end pieces,  $a^4$   $a^5$ , to fit snugly in the ends, and when closed to be flush with the top of the sides  $a'$   $a^2$ , and preferably removable; but they may be hinged, as shown in Fig. 2.

The device is employed as follows: I provide cases enough to hold as many bricks as I can conveniently dry at one time. These are placed convenient to the molder, who fills them directly from the mold with the bricks, and in arrangement for drying. They are

then off-borne as fast as filled, and piled one case upon another until all the cases are in use. Each case serves as a covering for the one beneath it. They are arranged with their open ends in the direction of the prevailing winds, so as to secure a good current of air through them. When it rains the end pieces,  $a^4$   $a^5$ , are closed, securing the bricks against dampness.

After the bricks are "set," if they need further drying, they are changed from their flat sides to their edges, though this is seldom necessary, except in continuous damp weather.

When ready for burning, the cases are conveyed to the kiln, and the bricks placed in their final position directly from them.

It will be seen by the use of my invention I overcome the necessity of preparing a yard; that I dispense with all ricking and extra handling of the bricks, and keep them thoroughly protected; secure rapid drying; avoid the losses so common in ordinary brick-making; make a smoother and better brick, as a result of the smooth surface they lie upon and protection from the elements; and, finally, require less help and time in making and caring for the bricks than are employed in the ordinary brick-yards.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A brick-off-bearing case constructed with a bottom,  $a$ , sides  $a'$   $a^2$ , having handles  $a^3$ , and provided with hinged or movable end pieces,  $a^4$   $a^5$ , substantially as and for the purposes set forth.

2. A brick-off-bearing case constructed with a bottom,  $a$ , sides  $a'$   $a^2$ , having handles  $a^3$ , and open at its ends, substantially as and for the purposes set forth.

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

WILLIAM H. LUDLOW.

Witnesses:

E. H. JONES,

D. S. COOMBS.