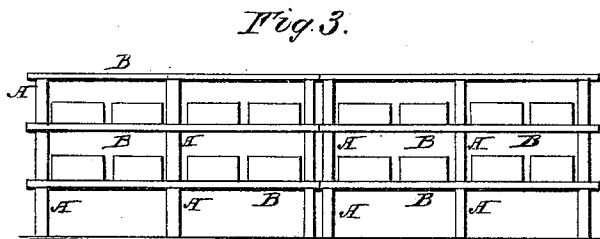
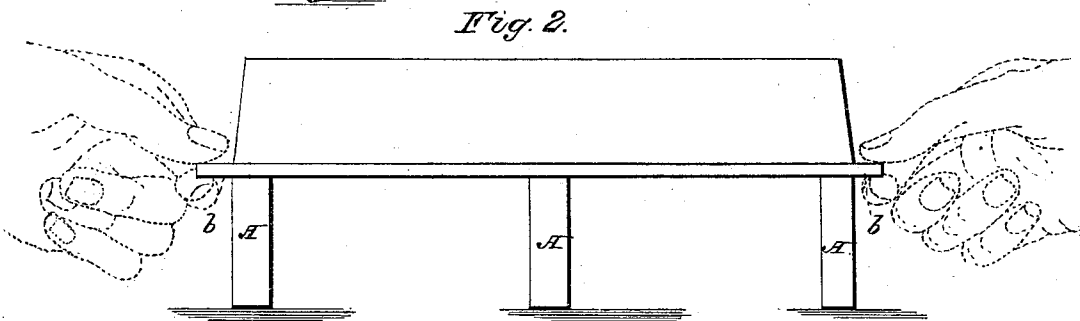
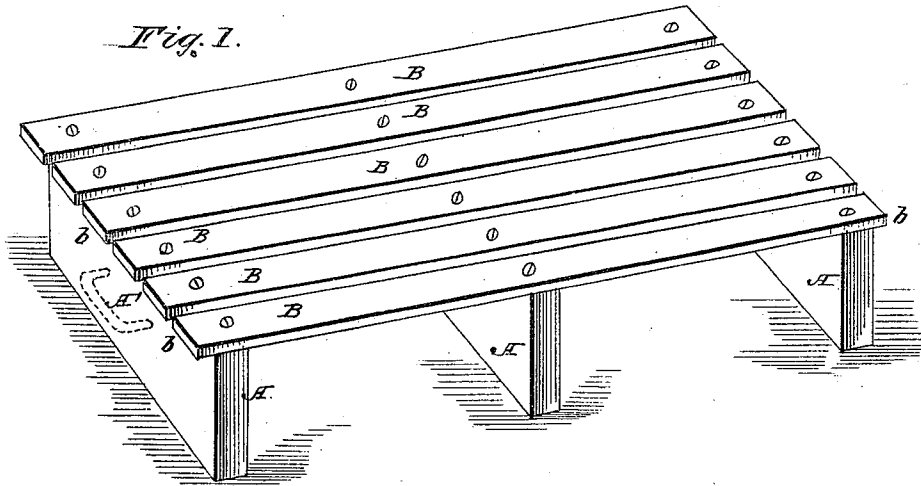


(No Model.)

E. SMITH.
Brick Pallet.

No. 242,566.

Patented June 7, 1881.



WITNESSES

Fred. G. Dietrich
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By his Attorneys

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UNITED STATES PATENT OFFICE.

EDWARD SMITH, OF NEWTON, ASSIGNOR TO FRANCIS R. CHRISMAN, OF HUTCHINSON, KANSAS.

BRICK-PALLET.

SPECIFICATION forming part of Letters Patent No. 242,566, dated June 7, 1881.

Application filed March 11, 1881. (No model.)

To all whom it may concern:

Be it known that I, EDWARD SMITH, of Newton, in the county of Harvey and State of Kansas, have invented certain new and useful Improvements in Brick-Pallets; 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, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved pallet. Fig. 2 represents the pallet placed upon the brick-mold for turning out the brick, and Fig. 3 shows the method of piling the pallets with their brick.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates certain improvements in the manufacture of brick; and it consists in the construction of an improved pallet upon which the new-molded brick is carried to the hack and there piled for drying, substantially as hereinafter more fully set forth.

In the accompanying drawings, A A A are three parallel wooden cross-pieces, which are united by and form the support for a series of parallel bars or slats, (denoted by B.) These slats extend a little over the end pieces, A A, as shown at *b b*, to afford a convenient means for holding and carrying the pallet, with its brick, to the hacking-place. If desired, the end pieces, A, may, however, be made with handles A', as shown in Fig. 1.

These pallets are made of a size and shape to correspond to that of the molds used, holding from three to six (or more) brick each, the bricks lying crosswise upon the slats, with suf-

ficient space between them sidewise to permit of the free circulation of air. The pallets, with their brick, are placed upon a wheelbarrow and rolled to the yard, where they are piled in the manner represented in Fig. 3, the divisions in the mold between the bricks leaving open spaces between the bricks on the pallet to receive the supports A, which are of such a height that the slatted top B of one pallet will not touch the top of the bricks placed on the pallet next below. In this manner the pallets, with their brick, may be piled any desired height, and there stand until the brick is ready to set in the kiln. Much stronger clay can be used than where the bricks are dried on the ground, because the vertical rays of the sun will strike only the top pallets of brick, and in case of a storm the brick by this method of piling are ready hacked to cover. In fact, a moderate rain will only affect the uppermost layer of brick, if not covered.

The slats B provide for a free circulation of air around the brick on all sides, thus causing an even drying and avoiding cracking and scaling.

Having thus described my improvement, I claim and desire to secure by Letters Patent of the United States—

A brick-pallet composed of a slat platform, B, supported upon three or more cross-pieces, A, and extending endwise over these, as set forth.

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

EDWARD SMITH.

Witnesses:

CHAS. R. MUNGER,
W. S. RANDLE.