

Johnson & Milson.

Hollow Brick.

N^o 86,929.

Patented Feb. 16, 1869.

Fig. 1.

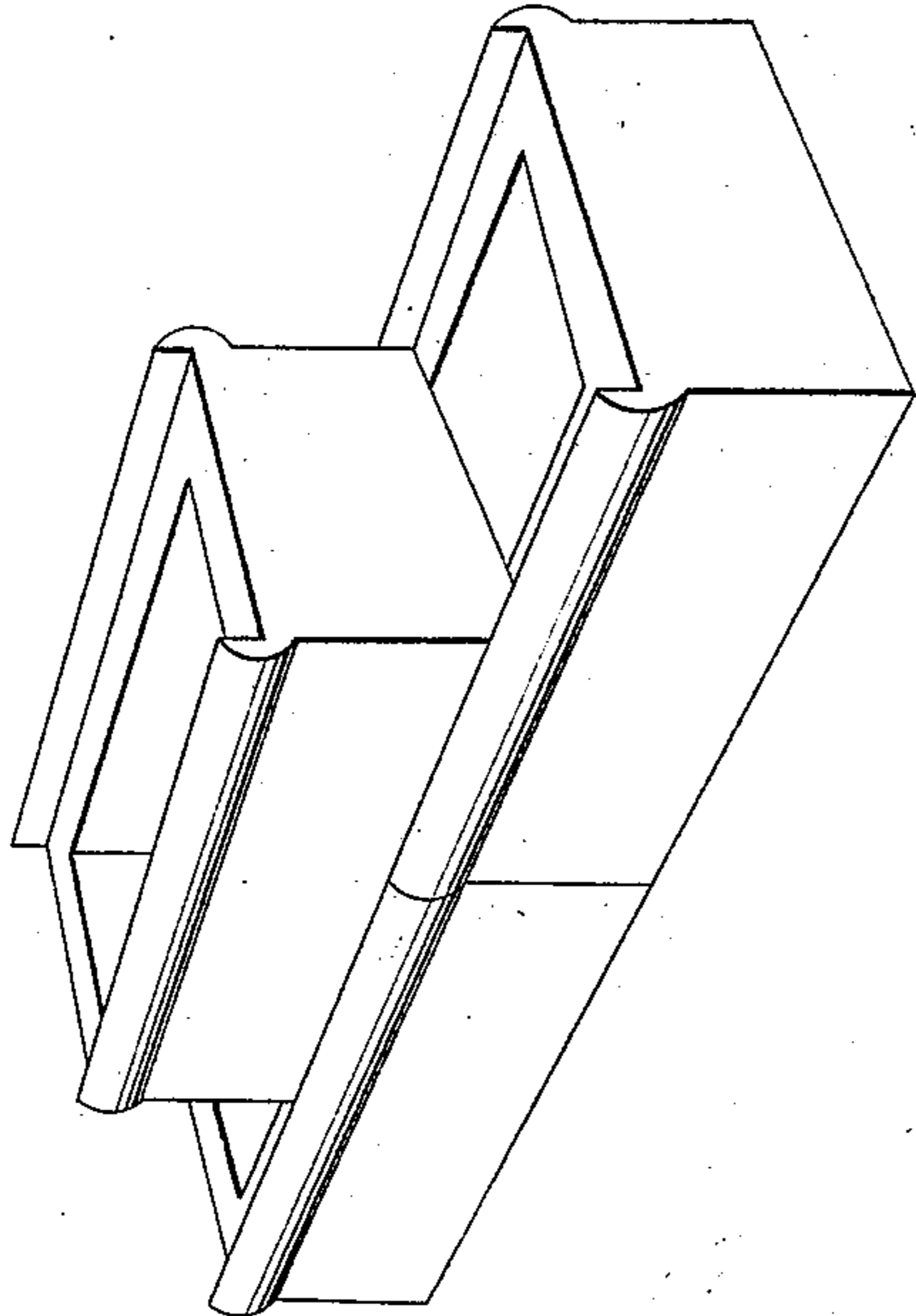


Fig. 4.

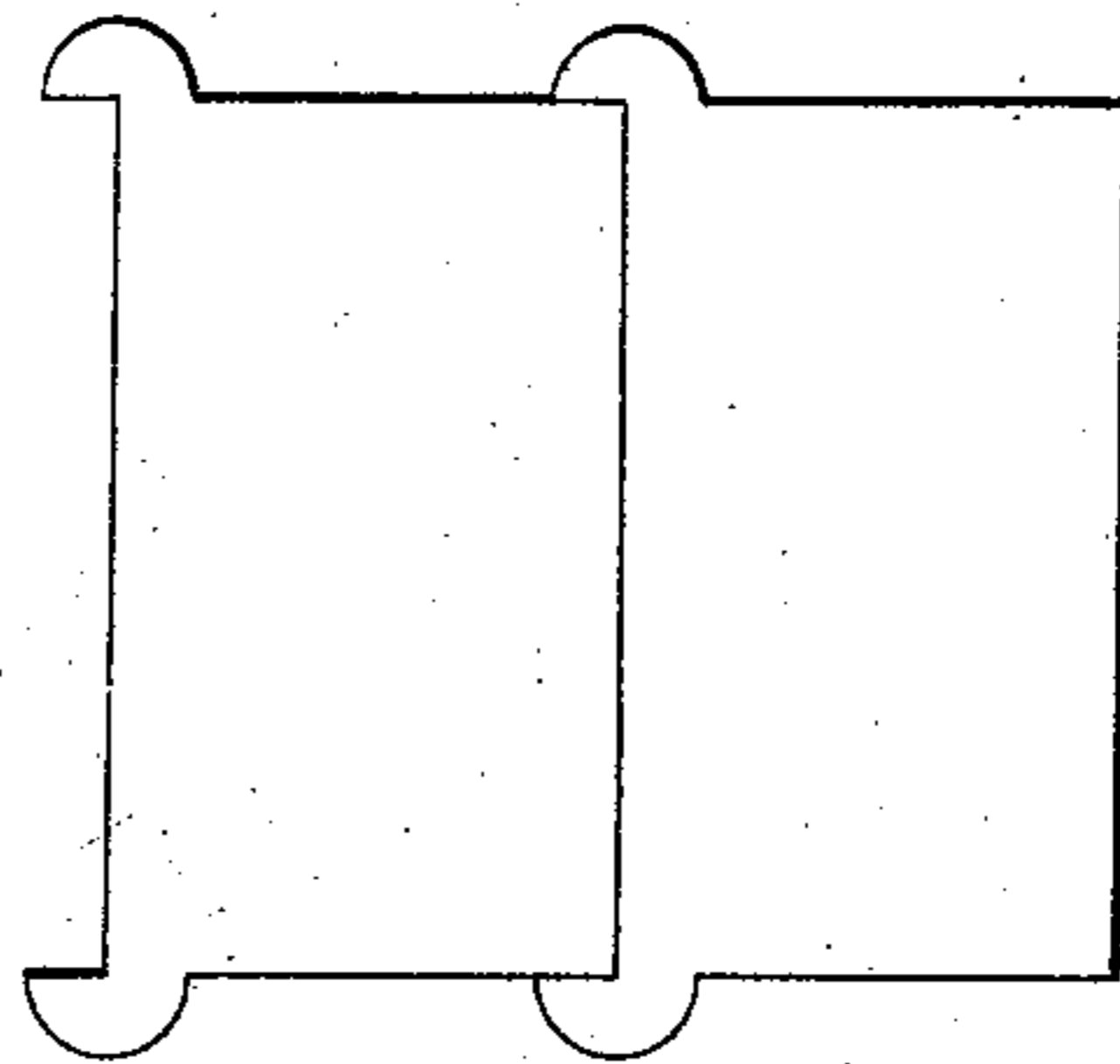


Fig. 2.

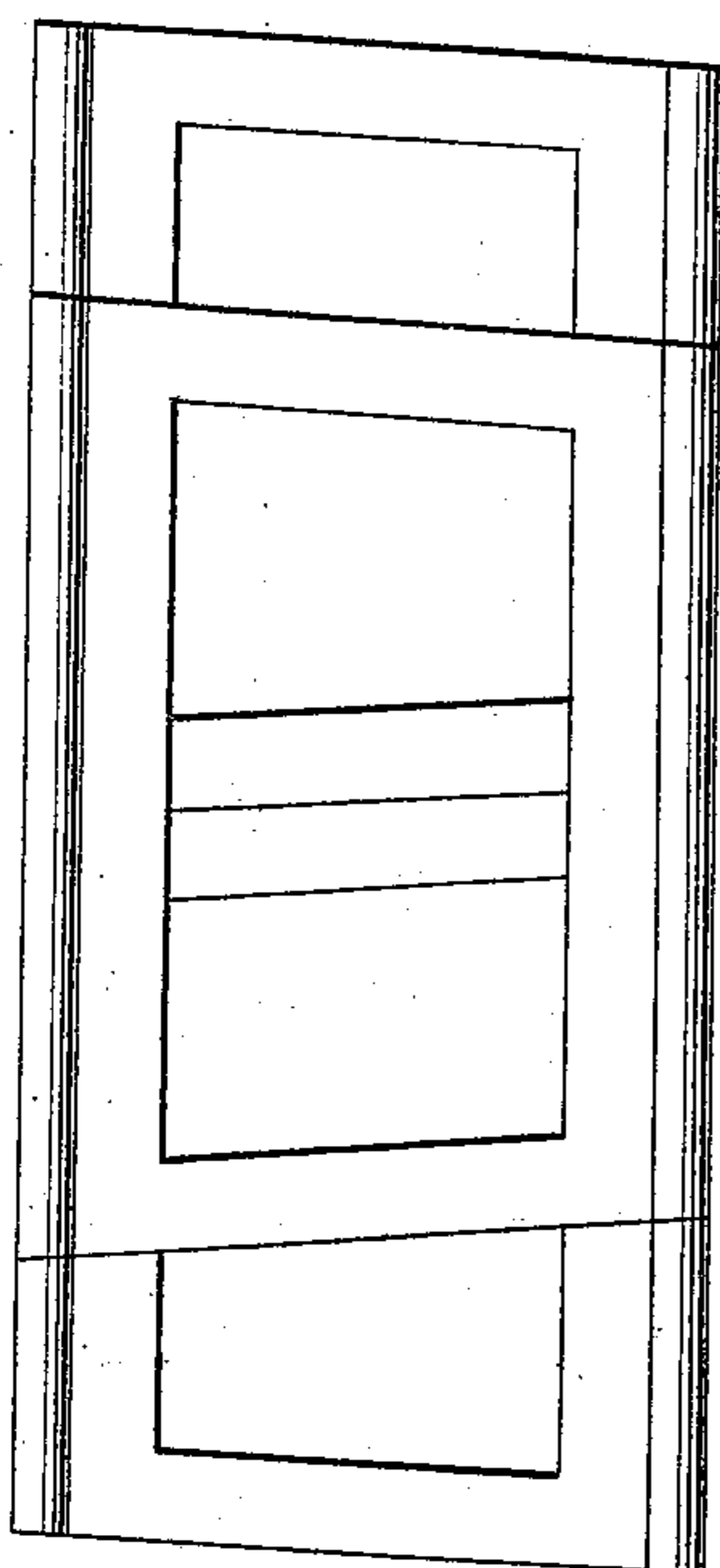
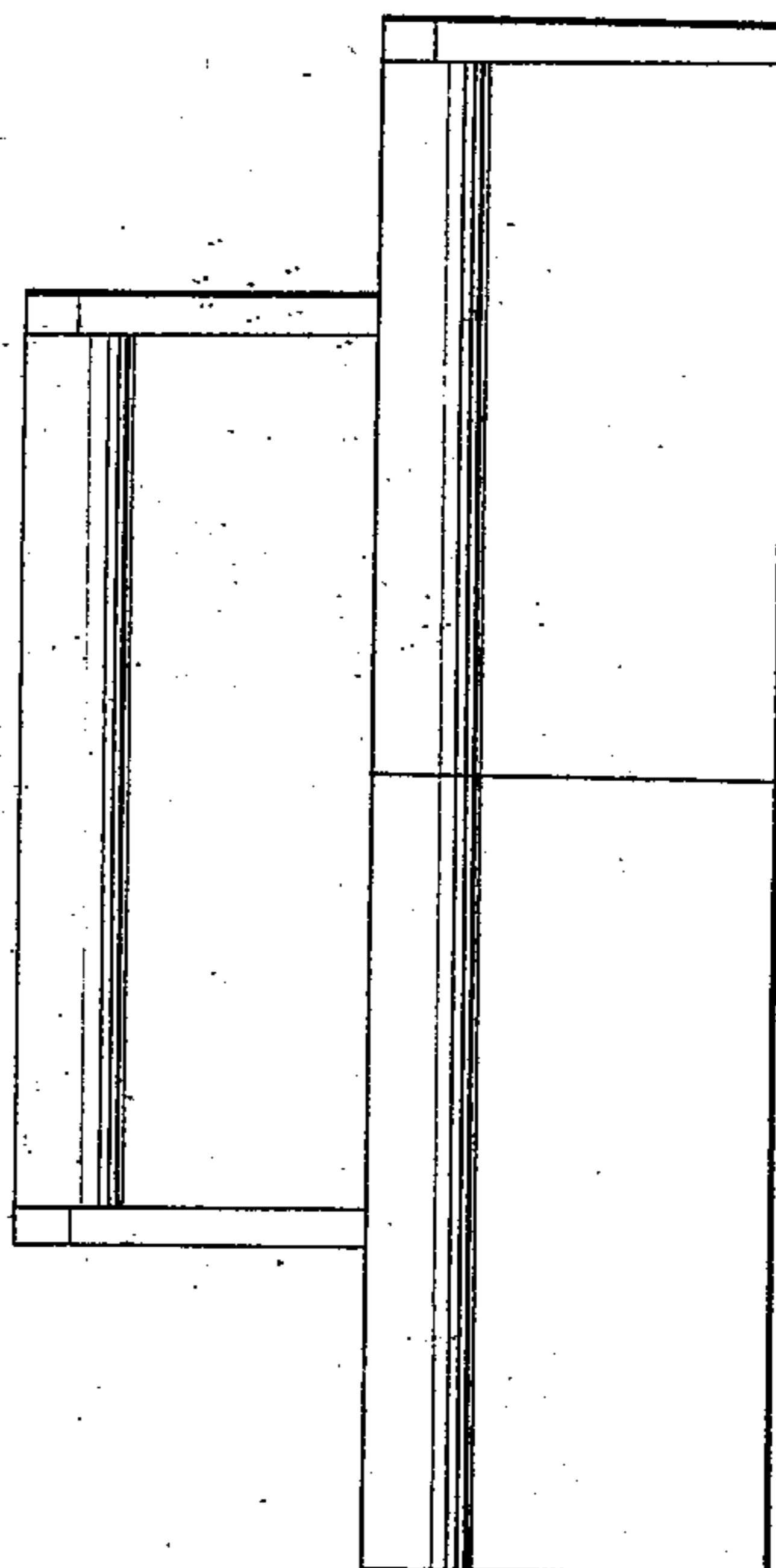


Fig. 3.



Witnesses,

H. H. Young
W. Burris

Inventors,

George H. Johnson & George Milson

By Daniel A. Burr atty.



GEORGE H. JOHNSON AND GEORGE MILSOM, OF BUFFALO, NEW YORK.

Letters Patent No. 86,929, dated February 16, 1869.

IMPROVED BUILDING-BRICK OR HOLLOW BLOCK

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that we, GEORGE H. JOHNSON and GEORGE MILSOM, of Buffalo, in the county of Erie, and State of New York, have invented a new and improved Flanged Brick, or Block; and we do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a view in perspective of three of our improved bricks, laid up together.

Figure 2, a plan view of the same.

Figure 3, a side elevation, and

Figure 4, an end view thereof.

The nature of our invention consists in the formation of projecting ribs and lips, or flanges, upon the upper lateral edges of a brick, or block, in such manner as that they may embrace closely the bottom of a similar block when placed thereon.

Our improved bricks, or blocks, may be moulded of clay, or other plastic material, by hand or machinery, in the usual manner.

The moulds are provided with lateral recesses, so formed and arranged as to leave, upon the side edges of one face (which becomes the upper face) of the brick moulded therein, ribs, having a flange projecting upwardly from each, above the face of the block, in a line or plane coincident with the sides of the brick.

The lower edges of the bricks are left square and clean, so as to fit closely between the flanges on the

bricks upon which they are to be laid, as illustrated in figs. 1 and 4 of the drawings.

The bricks thus formed may be made solid or hollow, but we contemplate more especially in our invention the production of improved hollow blocks, adapted particularly to the construction of hollow, ventilated walls, for grain-bins and like structures.

In order to impart additional solidity and strength to walls formed of our improved flanged hollow bricks, we contemplate making them of a rhomboidal form, as illustrated in the drawings, so that when laid up, as shown in figs. 1 and 2, they cannot slip, or slide apart, because of lateral thrust or pressure upon any one point.

Having thus fully described our invention,

What we claim therein as new, and desire to secure by Letters Patent, is—

A brick, or block, having ribs, with upwardly-projecting flanges formed upon the side edges of one face thereof, substantially in the manner and for the purpose herein set forth.

The foregoing specification of our improved hollow brick, or block, signed by us, this 24th day of November, A. D. 1868.

GEORGE H. JOHNSON.
GEORGE MILSOM.

Witnesses:

J. C. BAKER,
GEO. M. HARVEY.