

J. A. SEEBER & J. C. CROXTON.

Construction of Jails.

No. 168,929.

Patented Oct. 19, 1875.

Fig. 1

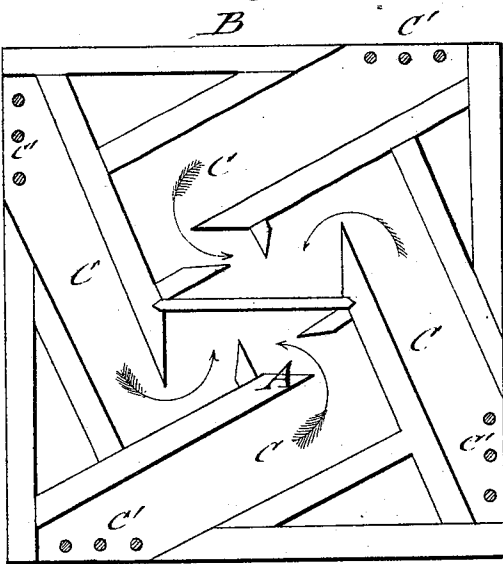


Fig. 2

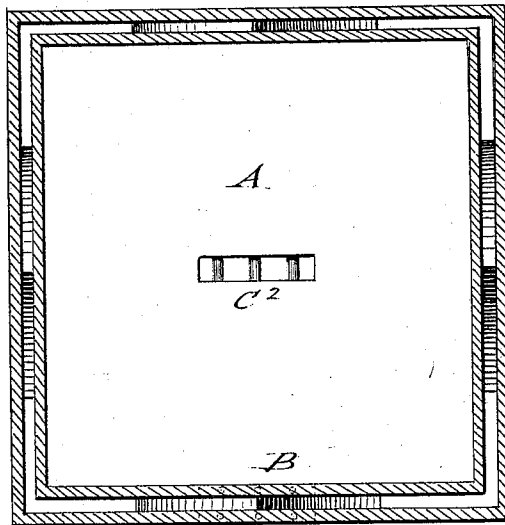


Fig. 3

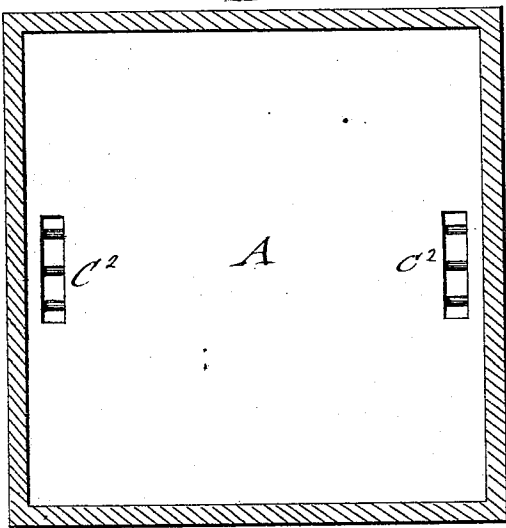
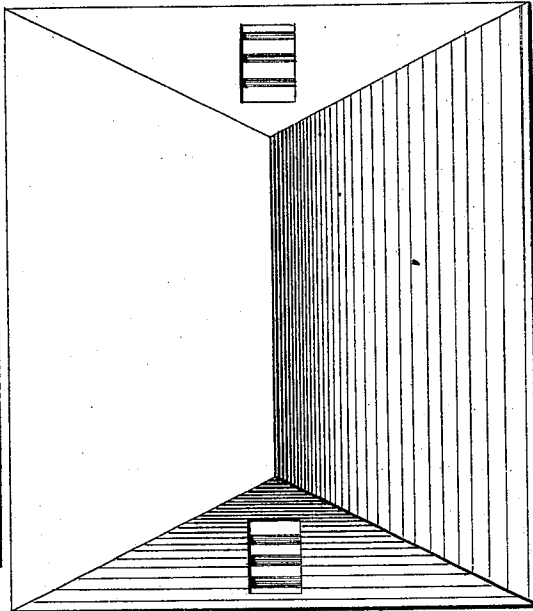


Fig. 4



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN A. SEEBER AND JAMES C. CROXTON, OF ROCKWALL, TEXAS.

IMPROVEMENT IN CONSTRUCTION OF JAILS.

Specification forming part of Letters Patent No. **168,929**, dated October 19, 1875; application filed June 12, 1875.

To all whom it may concern:

Be it known that we, JOHN A. SEEBER and JAMES C. CROXTON, of Rockwall, in the county of Rockwall and State of Texas, have invented a new and useful Improvement in the Construction of Jails, of which the following is a specification:

The invention will first be described in connection with drawing, and then pointed out in the claim.

In the accompanying drawing, Figure 1 represents a horizontal section through the double floor, showing arrangement of flues; Figs. 2 and 3, plan views of the floors in different stories, the double walls being in section, to show their construction; and Fig. 4 is a plan view of the roof, with ventilating-openings.

Similar letters of reference indicate corresponding parts.

A in the drawing represents the floor, and B the walls, which are built either of brick or wood, as desired. The walls and floors are made double, and have no windows, to prevent any communication with the outside. The intermediate space of the double floor A is constructed with diagonal or other channels C, running from the outer walls to the center of the building, with grated openings C¹ in the walls, and similarly-grated openings C² at suitable points of the upper part of the floor. The different compartments are thus supplied continually with fresh air entering from the outside and issuing to the inside. The outer

walls B serve for the purpose of ventilation and security in the same manner as the floors, and are also provided with air-flues, having grated entrance and exit openings at different points or heights, for supplying air without the possibility of communication with the outside, so that no tools, &c., can be introduced. The different stories are ventilated in this manner, and the bad air carried out through the grated inside doors, or through connecting-flues of the upper floors to the roof, which is provided with windows or openings, with blinds for the passage of the air.

A jail may, according to this mode of construction, be made in a comparatively tight and inexpensive way, while keeping the prisoners perfectly secure, being mainly of advantage for county jails and similar structures.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The combination, with ventilating double walls, of double floors having channels C running from walls to center of building, and grated openings C¹ C², as and for the purpose specified.

JOHN A. SEEBER.
JAMES C. CROXTON.

Witnesses:

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