(No Model.)

A. W. SCHULENBURG.

FIRE PROOF PORTABLE CORRUGATED IRON WAREHOUSE.

No. 346,071. Patented July 20, 1886.

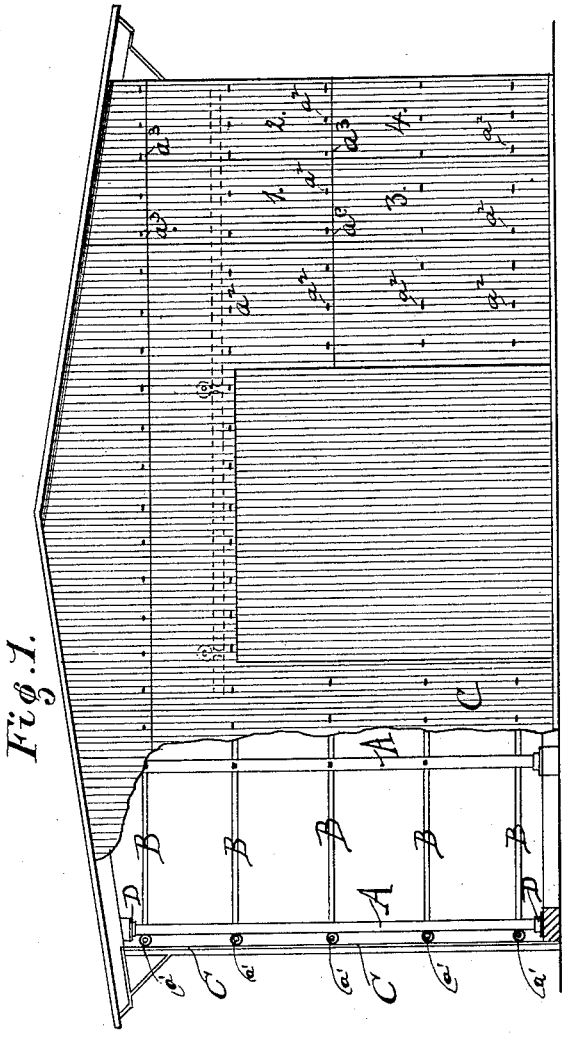

Fig. 1.

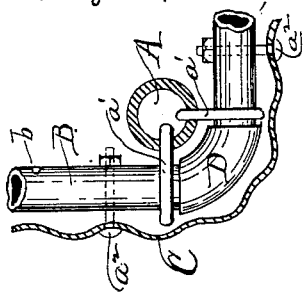

Fig. 5.

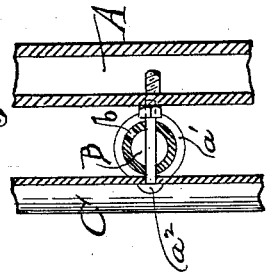

Fig. 4.

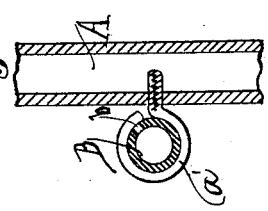

Fig. 5.

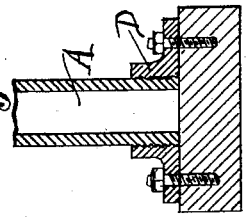

Fig. 2.

Attest:
August F. Zell.
Charles Herthel

Inventor:
August W. Schulenburg
per Herthel & Co.

UNITED STATES PATENT OFFICE.

AUGUST W. SCHULENBURG, OF ST. LOUIS, MISSOURI.

FIRE-PROOF PORTABLE CORRUGATED-IRON WAREHOUSE.

SPECIFICATION forming part of Letters Patent No. 346,071, dated July 20, 1886.

Application filed March 1, 1886. Serial No. 193,687. (No model.)

To all whom it may concern:

Be it known that I, AUGUST W. SCHULENBURG, a citizen of the United States, residing at St. Louis, and State of Missouri, have invented a new and useful Improved Fire-Proof Portable Corrugated-Iron Warehouse, of which the following is a specification.

The chief object of my invention is the construction of a portable fire-proof iron warehouse, which may be of any dimensions, for the storage of all kinds of goods, in which the main constructional parts are gas-pipe and corrugated iron. These I adjust in such manner that its several pieces may be readily taken apart. I attain these objects by the mechanism illustrated in the accompanying drawings.

Figure 1 is an elevation of one side of my fire-proof warehouse with one end broken away to show gas-pipe standards for supports of girders and roof, and gas-pipe ties or binders run horizontally along exterior line of standards. Fig. 2 is an enlarged section of a gas-pipe standard, showing bottom end of same screwed into base-block to hold the same firm, the top end being inserted into base-block in similar manner. Fig. 3 is an enlarged section of gas-pipe standard and horizontal gas-pipe, showing method of fastening and supporting same. Fig. 4 is the same as Fig. 3, with section of corrugated iron sheet applied externally to horizontal gas-pipe, showing the method of fastening same. Fig. 5 is a top view of horizontal gas-pipes at corner of the warehouse, connected together by elbow, and sectional view of corrugated sheet-iron and gas-pipe standard.

Similar letters refer to similar parts throughout the several views.

A represents the standards or posts of gas-pipe, set certain distances apart, both on the exterior and interior, according to the plan of warehouse. They are of requisite length and diameter for support of roof, and I provide them with threaded ends to be screwed into base-blocks D which I apply both top and bottom. Said base-blocks D are then rigidly bolted to wooden stringers for foundation, and to girders supporting roof above.

In order to make the building rigid and firm, and tie and bind together the exterior line of standards or posts A, and also to provide means for fastening corrugated iron sheets C to inclose the warehouse, I apply a gas-pipe, B, laid horizontally against said standards or posts A, and placed vertically a distance of three feet apart, more or less. These I hold in position by hook-eyes or brackets a', screwed into standards A.

By reference to Fig. 1, I there show corrugated iron sheets in elevation, marked, respectively, 1 2 3 4, and the overlap of same on horizontal gas-pipe. As the corrugated iron sheets are manufactured to certain sizes, I arrange the points of attaching said horizontal gas-pipes B to standards A to conform to same, so that the sheets overlap each other in their lengths on one of said pipes. To said pipes I secure the overlap of two sheets of the corrugated iron by bolts a^2, placed every foot apart, and for four sheets at the corners of same by bolts a^3.

What I claim is—

1. The combination of posts A and horizontal gas-pipe B, supported by brackets a', as and for the purpose set forth.

2. The combination of horizontal gas-pipes B and corrugated iron sheets C, fastened by bolts a^2 at the overlap of two sheets and at the corners by bolts a^3 at the overlap of four sheets, as and for the purpose set forth.

In testimony of said invention I have hereunto set my hand.

AUGUST W. SCHULENBURG.

Witnesses:
JOHN W. HERTHEL,
CHARLES HERTHEL.