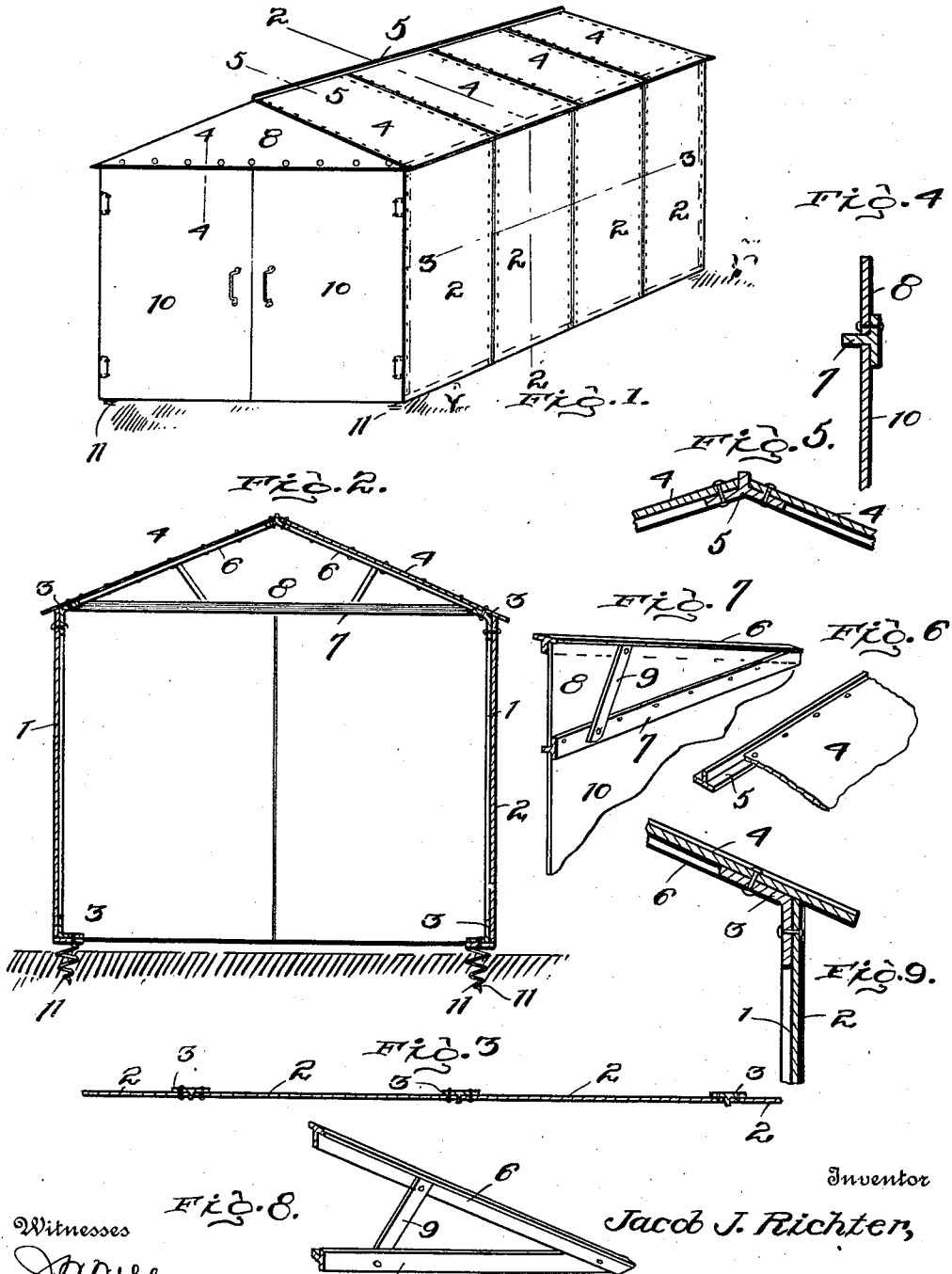


J. J. RICHTER.
 AUTOMOBILE SHED.
 APPLICATION FILED JULY 18, 1910.

980,837.

Patented Jan. 3, 1911.



Witnesses
James H. Jordan & Doyle

Inventor
Jacob J. Richter,
 By *E. C. Vrooman,*
 his Attorney.

UNITED STATES PATENT OFFICE.

JACOB J. RICHTER, OF WAHPETON, NORTH DAKOTA.

AUTOMOBILE-SHED.

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Specification of Letters Patent.

Patented Jan. 3, 1911.

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To all whom it may concern:

Be it known that I, JACOB J. RICHTER, a citizen of the United States, residing at Wahpeton, in the county of Richland and State of North Dakota, have invented certain new and useful Improvements in Automobile-Sheds, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to portable fireproof buildings and the principal object of the same is to provide a metal building the parts of which may be readily separated to dismantle the building, or assembled to provide a strong and serviceable building that is adapted for use as a garage.

15 In carrying out the objects of the invention generally stated above it will be understood, of course, that the essential features thereof are necessarily susceptible of changes in details and structural arrangements, one preferred and practical embodiment of which is shown in the accompanying drawings, wherein:—

25 Figure 1 is a perspective view of the improved fireproof portable building. Fig. 2 is a transverse vertical sectional view thereof taken on the line 2—2, Fig. 1. Fig. 3 is a fragmentary horizontal sectional view taken on the line 3—3, Fig. 1. Fig. 4 is a fragmentary vertical sectional view taken on the line 4—4, Fig. 1. Fig. 5 is a fragmentary sectional view taken on the line 5—5, Fig. 1. Fig. 6 is a detail perspective view showing one of the roof plates and a supporting beam therefor. Fig. 7 is a similar view of one end of the structure. Fig. 8 is a detail view of the supports shown in Fig. 7. Fig. 9 is a fragmentary vertical sectional view showing the connection between the roof and the sides of the building.

40 Referring to the accompanying drawings by numerals, it will be seen that the improved building is composed of the vertically arranged side standards 1 which are preferably T-beams, the longitudinal side flanges of which have the longitudinal edges of the side plates 2 bolted thereto. The upper ends of said plates 2 are bolted to the pendent flange of the horizontally arranged longitudinally extending angle beams 3. The other flange of said beam 3 is on an incline and has the lower transverse edges of the roof plates 4 bolted or otherwise fastened thereto. The roof plates 4 are supported on an incline, their upper transverse

edges being bolted to the inclined side flanges of the ridge beam 5, said ridge beam 5 separating the two sets of roof plates. The longitudinal edges of the roof plates 4 are bolt- 60 ed to the flanges of the T-beams 6, said beams 6 connecting the ridge beam 5 and the angle beams 3.

Horizontally arranged transverse T-beams 7 connect the upper ends of the corner stand- 65 ards, said beams 7 having the lower edges of the end plates 8 bolted to the upper flange thereof. Said end plates are triangular in shape and their side edges are bolted to the pendent central flanges of the end of roof 70 beams 6. Brace bars 9 connect the end beams 6 with the T-beams 7.

Doors 10 are hinged to the corner standards, said doors being formed of metal and are limited in their closing movement by 75 contact with the pendent flange of beams 7.

Each lower corner of the building is provided with an earth auger 11 for anchoring the building to the ground.

It will be seen from the foregoing that 80 the parts of the improved building being bolted together the same may be readily separated when necessary or desirable, and being of metal, the building is, of course, fireproof. It will also be seen that the angle 85 beams and T-beams in addition to performing the necessary supporting functions for the roof and side plates, also seals the cracks or openings between adjacent plates so that the building is made watertight. 90

What I claim as my invention is:—

1. A portable building comprising vertically arranged T-beams arranged to provide side standards, side plates detachably connected to said standards, longitudinal angle 95 beams detachably connecting the upper ends of the side standards, said angle beams provided with an inclined flange, a ridge formed of an angle beam, roof plates detachably fastened to said ridge and the longitudinal beams, T-beams detachably connected to said roof plates and overlapping the meeting edges thereof, horizontally arranged transverse T-beams detachably connecting the upper ends of the corner stand- 105 ards, and end plates detachably supported by said transverse beams and the end roof beams.

2. A portable fireproof building comprising side plates, supporting standards there- 110 for which overlaps the meeting edges of said plates, a flanged ridge, roof plates having

one end attached to one flange of said ridge,
longitudinal beams carried by said stand-
ards and supporting the other end of said
plates, said beams overlapping the meeting
5 edges of the roof plates and the side plates,
means for sealing the meeting edges of the
roof plates, end beams connecting the corner
standards, end plates carried by said end

beams, and means for anchoring the build-
ing to the earth.

In testimony whereof I hereunto affix my
signature in presence of two witnesses.

JACOB J. RICHTER.

Witnesses:

GEO. E. WALLACE,
M. E. OVERBOE.