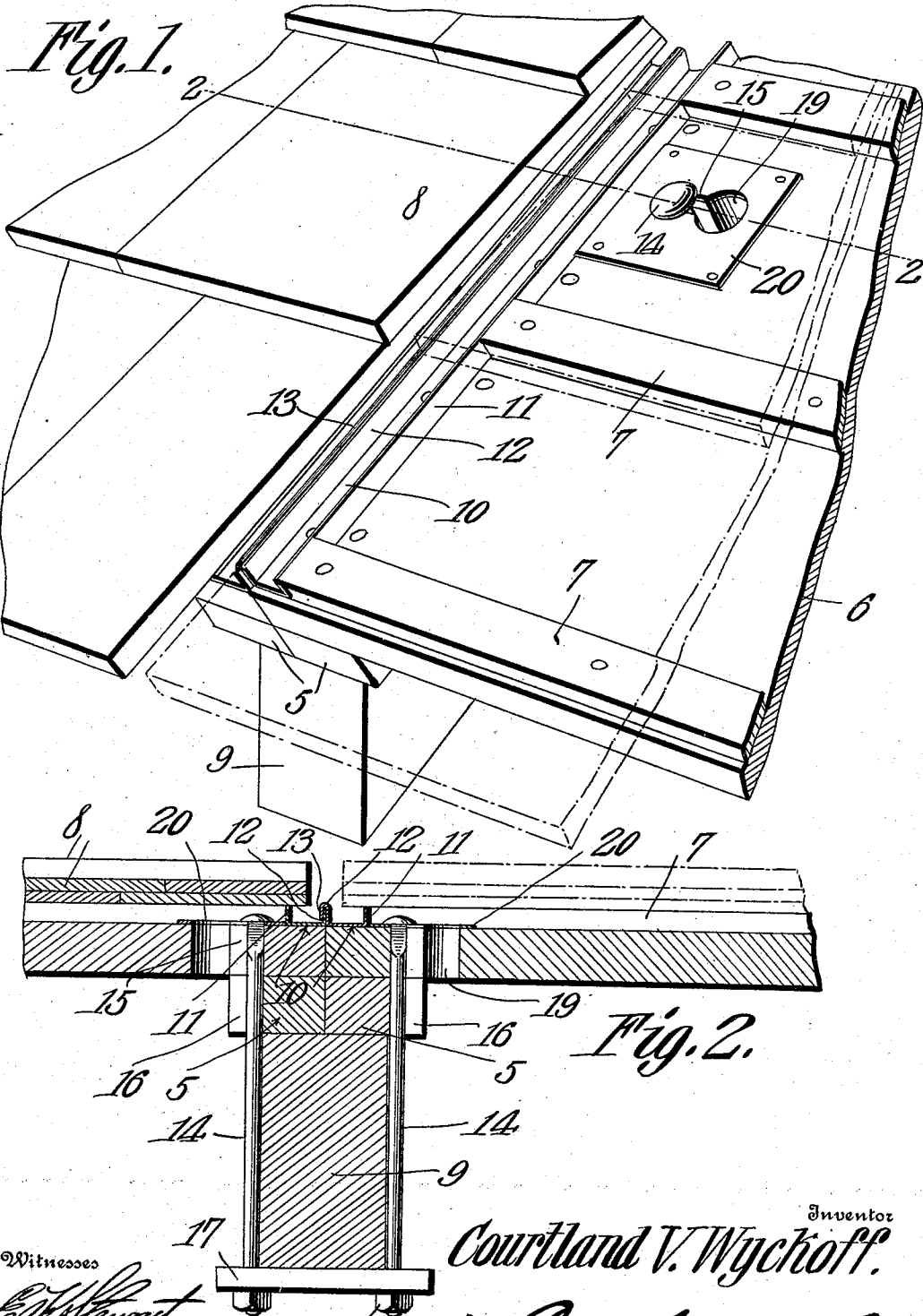


C. V. WYCKOFF,
PORTABLE HOUSE,
APPLICATION FILED NOV. 3, 1908.

932,663.

Patented Aug. 31, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

COURTLAND VOORHEES WYCKOFF, OF REDLANDS, CALIFORNIA, ASSIGNOR OF ONE-HALF TO
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PORTABLE HOUSE.

932,663.

Specification of Letters Patent.

Patented Aug. 31, 1909.

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To all whom it may concern:

Be it known that I, COURTLAND V. WYCKOFF, a citizen of the United States, residing at Redlands, in the county of San Bernardino and State of California, have invented a new and useful Portable House, of which the following is a specification.

This invention relates to roofs for portable houses and has for its object to provide a sectional roof of this kind which can be readily assembled in position on the house, and also a novel joint between the sections which will securely fasten them together and which will effectually prevent leakage.

With these objects in view the invention consists in a novel arrangement and combination of parts hereinafter described and claimed, reference being had to the drawing hereto annexed in which:—

Figure 1 is a perspective view of a portion of the roof showing the meeting ends of two of the sections, the shingles of one of said sections being shown removed. Fig. 2 is a transverse section on the line 2—2 of Fig. 1.

Referring more particularly to the drawing, each roof section comprises end strips 5 on which the sheathing 6 is secured and to the outer surface of the latter are secured the furring-strips 7 to which the shingles 8 are nailed or otherwise secured. The ends of the sheathing extend flush with the edge of the strips 5 and said strips rest on the rafters 9 when the sections are assembled, the strips of one section abutting against the strips of the adjacent section.

To the outer surface of the sheathing 6, at each end thereof, are secured sheet metal strips 10, which are bent at their longitudinal edges into upstanding flanges 11 and 12 respectively. The flange 12 at one end of the sheathing is made hook-shaped as indicated at 13 and interlocks with the flange 12 of the strip of the adjoining roof section whereby a standing-seam is formed and a tight joint between the roof-sections is had. The flanged strips also form channels on opposite sides of the joint to shed water, and leakage is thereby effectually prevented.

The roof-sections are secured to the rafters 9 by bolts 14 which seat in slots 15 in the sheathing and in registering recesses 16 in the inner edges of the strips 5. The bolts at one end of a roof section extend

across one side of a rafter, and the bolt at the end of the adjoining section extends across the other side of said rafter. Across the bottom of the rafter, extends a plate 17 through which the two bolts pass and below the plate, nuts 18 are screwed on the ends of the bolts, which upon being tightened up securely clamp the roof-sections to the rafters.

The slots 15 are enlarged at one end as indicated at 19 sufficiently to permit passage of the heads of the bolt 14, which enables the sections to be readily put on or taken off the house. Upon fastening the sections to the rafters the bolts are slipped through the enlarged ends 19 of the slots 15 and pushed to the opposite end of the slot and into the recesses 16. The plate 17 is then placed under the rafter with the bolts passing therethrough, and upon screwing the nuts 18 home, the sections are securely fastened to the rafters. To remove the sections, the nuts and the plates are removed after which the bolts can be moved to the enlarged end of the slot and withdrawn therethrough, and upon disconnecting the standing seam, the sections can be taken off. To the outer surface of the sheathing, adjacent to the slot 15, is secured a sheet metal plate 20 to prevent injury of the sheathing by the bolt head when the same is drawn tight. The bolt head is covered by the shingles and is therefore completely protected from moisture.

What is claimed is:—

1. In a sectional roof and the rafters supporting the same, means for securing the roof sections, comprising a bolt passing through one of said sections and across the rafter on one side thereof, a bolt passing through the adjoining roof section and across the said rafter on the opposite side thereof, a plate extending under the rafter through which plate said bolts pass, and nuts screwed on the bolts.

2. A roof comprising separable sections consisting of a sheathing, furring strips secured thereto and shingles secured to the furring strips; rafters on which the sections are supported; and means for securing the sections, comprising bolts passing through the sheathing and connected to the rafters.

3. A roof comprising separable sections consisting of recessed strips, slotted sheathing on said strips, the said slots and recesses

registering, furring strips secured to the sheathing, and shingles secured to the furring strips; rafters on which the roof sections are supported, a bolt passing through
5 the slot and recesses of one of said sections and across the rafter on the side thereof, a bolt passing through the slot and recess of the adjoining roof sections and across
10 said rafter on the opposite side thereof, a plate extending under the rafter through which plate said bolts pass, and nuts screwed on the bolts.

4. A roof comprising separable sections,

said sections consisting of a sheathing, furring strips secured thereto, shingles secured
15 to the furring strips, channeled plates secured to the outer surface of the sheathing at its longitudinal edges, and joints between the plates of adjoining sections.

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

COURTLAND VOORHEES WYCKOFF.

Witnesses:

CHAS. E. TRUNDELL,
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