W. E. POLHEMUS.

ROOF.

APPLICATION FILED DEC. 18, 1909.

954,995. **Patented Apr. 12, 1910.**

Fig. 1.

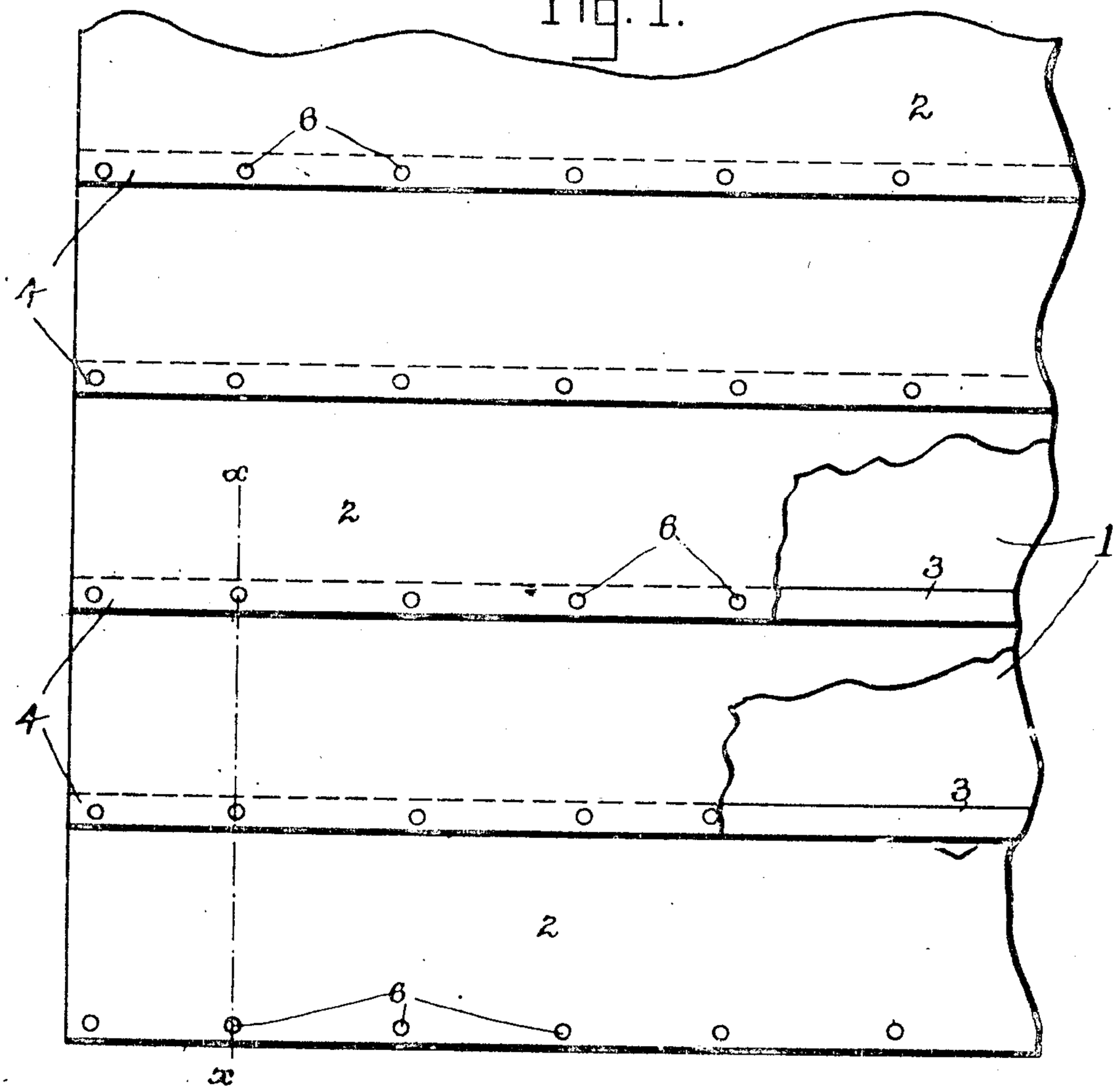
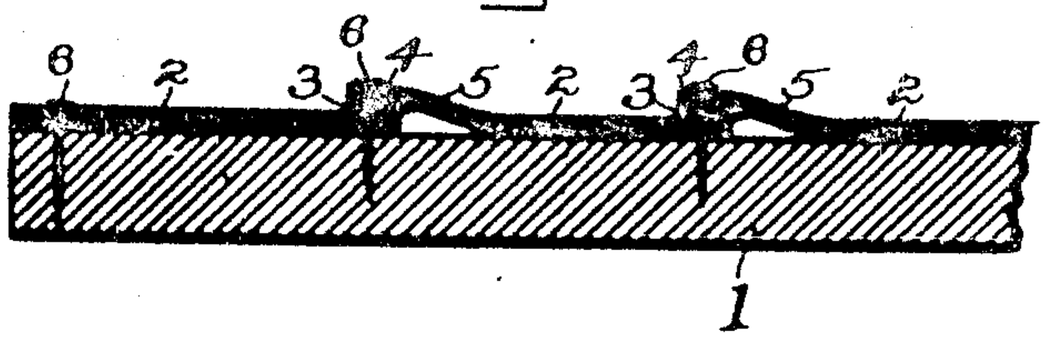


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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ROOF.

954,995. Specification of Letters Patent. Patented Apr. 12, 1910.

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To all whom it may concern:

Be it known that I, WILL E. POLHEMUS, a citizen of the United States, residing at Battle Creek, in the county of Calhoun and State of Michigan, have invented certain new and useful Improvements in Roofs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to roofs and appertains particularly to the type of roof in which overlapping plates or sheets are employed as a covering.

It is the present practice to place cement, asphaltum or some other water-proofing compound between the lap joints of the plates. It has been found that this water-proof compound is apt to run out from between the joints when heated by the sun or in any other manner.

The object of my invention is to provide a vehicle which will retain this water-proof compound and prevent it from running out from between the sheets of roofing. The same appliance may be used for retaining water-proof material at any place where a water-tight joint is required.

The invention contemplates the use of a strip of cloth or woven wire material which is saturated with cement, asphaltum or any other water-proof compound and placed between the laps of the plates or sheets covering a roof. This strip retains the water-proof compound and prevents it from running out from the joints.

The invention also consists in the features of construction and combination of parts hereinafter described and specified in the claims.

In the accompanying drawing, illustrating the preferred embodiment of my invention: Figure 1 is a plan view of a portion of a roof, portions of certain of the covering sheets being broken away to illustrate the arrangement of the asphaltum-holding strip, and Fig. 2 is a sectional view on the line *x*—*x* of Fig. 1.

Referring more particularly to the drawing, 1 designates the wooden under-surface of the roof and 2 the overlapping plates or sheets forming the outer covering. The strip 3 which holds the water-proof compound is secured between the overlapping edges 4 and 5 of said plates or sheets. This strip may vary in width to suit requirements. Ordinarily, it will run from two to six inches in width. The same nails or fasteners 6 which secure the sheets or plates 2 to the wooden under-surface 1 serve to hold the strip 3 in place. As illustrated in Fig. 1, a single continuous strip may extend throughout the full length of the roof along the upper edge of each longitudinal covering sheet.

I claim:—

1. The combination, with two overlapping sheets, of a vehicle for holding water-proof material arranged between their overlapping edges.

2. The combination, with two overlapping sheets, of a strip secured between the overlapping portions thereof and holding water-proof material.

3. The combination, with two overlapping sheets, of a strip of woven material secured between the overlapping portions thereof and holding water-proof material.

4. The combination, with two overlapping sheets, of a vehicle for holding water-proof material arranged between their overlapping edges and secured by the same fasteners which hold said sheets.

5. The combination, with sheets arranged in overlapping rows, of strips holding water-proof material arranged between the overlapping edges of said sheets, each strip extending throughout one longitudinal covering sheet.

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

WILL E. POLHEMUS.

Witnesses:
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