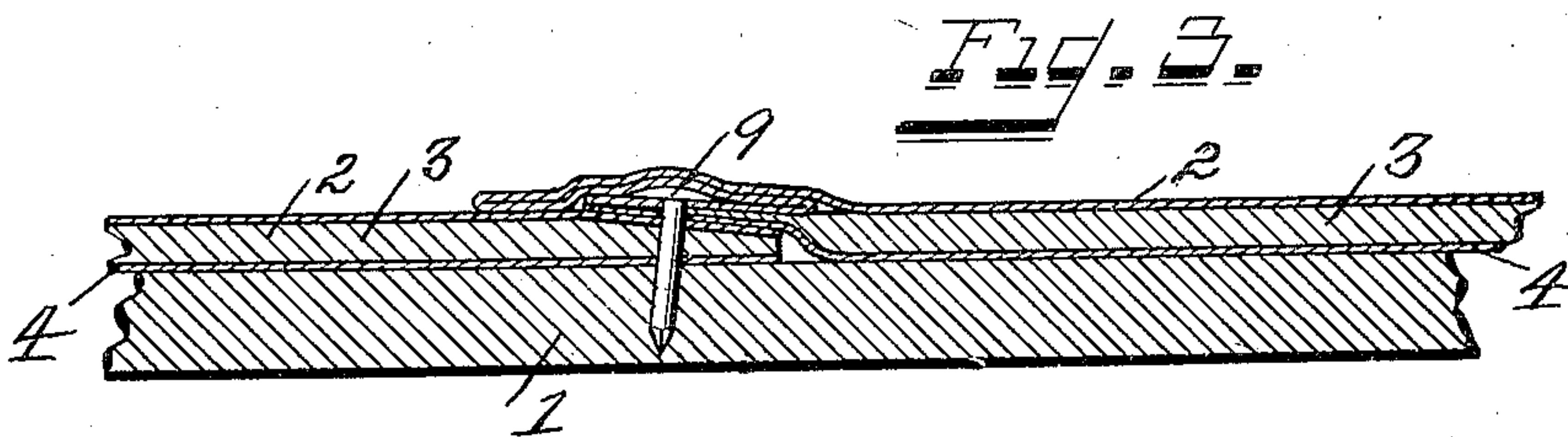
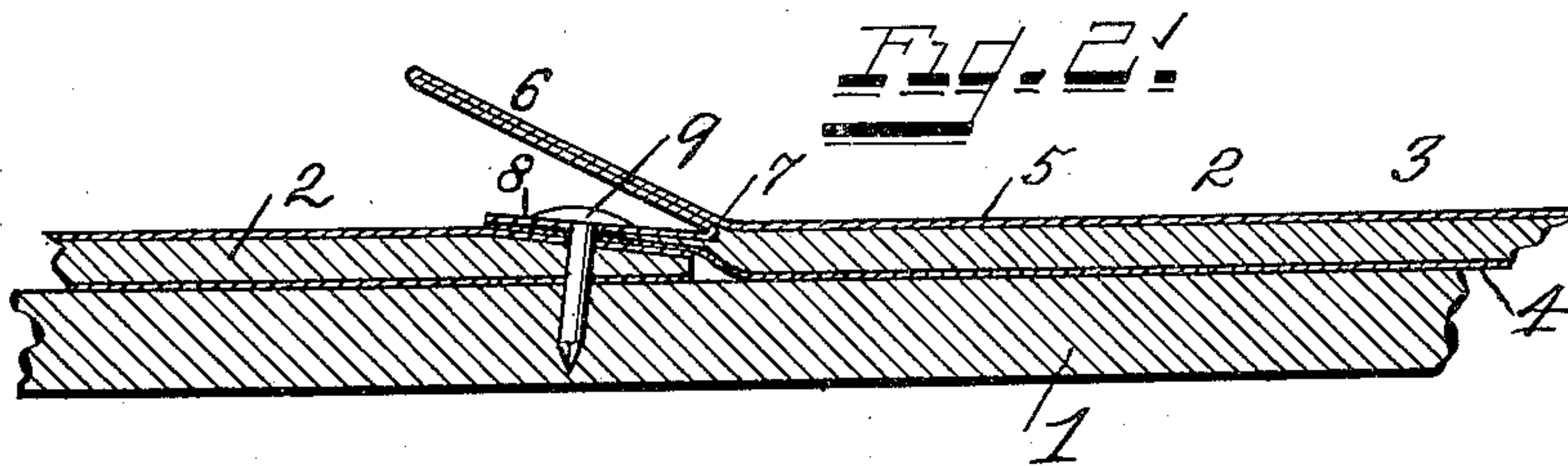
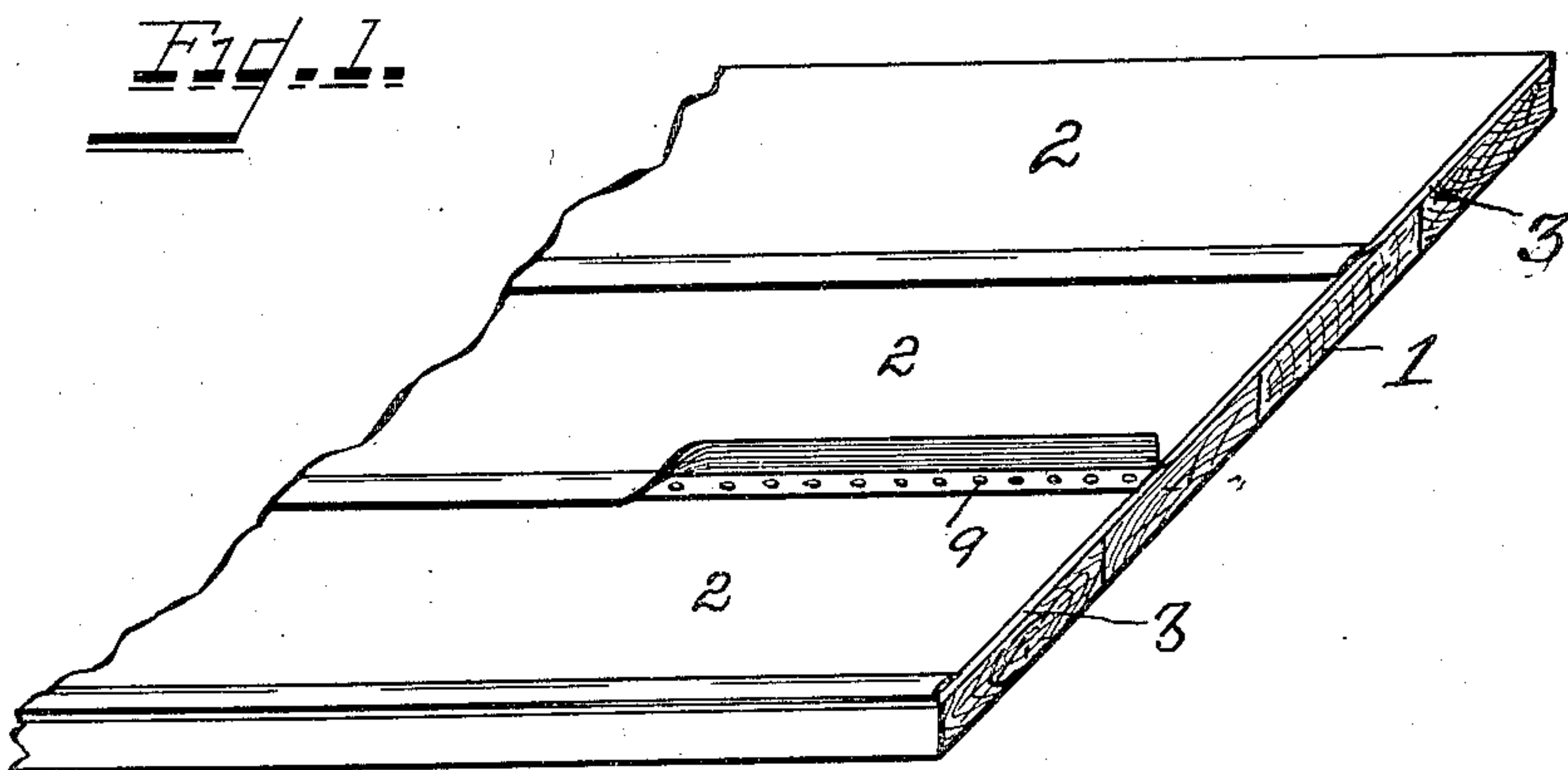


No. 835,889.

PATENTED NOV. 13, 1906.

W. J. MOELLER.  
READY MADE ROOFING.  
APPLICATION FILED MAR. 12, 1906.



Witnesses.

*Wm. J. Veck.*  
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# UNITED STATES PATENT OFFICE.

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## READY-MADE ROOFING.

No. 835,889.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed March 12, 1906. Serial No. 305,573.

*To all whom it may concern:*

Be it known that I, WILLIAM J. MOELLER, a citizen of the United States, residing at Hartwell, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Ready-Made Roofing, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to that class of roofing known as "ready-made" roofing, usually consisting of a body portion of cement of about one-eighth of an inch in thickness, having a bottom layer of paper and a top layer of burlap embedded in the top surface of the cement. This is made up into rolls in the factory ready to be taken out and to be applied to roofs as the occasion requires.

The object of my invention is to provide a roofing of the above character which shall be cheap and simple in its construction and which from the formation of the lap at the seams shall be both weather and water proof and shall be able to withstand the winds which under ordinary constructions tear roofings of this character from their fastenings.

The novelty of my invention will be hereinafter set forth, and specifically pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a roof having thereon my improved roofing with one of the joint-laps raised in position to show the manner of application of the same. Fig. 2 is an enlarged sectional side elevation at one of the joints before the last lap of the burlap is brought down and cemented over the heads of the fastening-nails. Fig. 3 is a corresponding view showing the joint completed.

The same numerals of reference are used to indicate identical parts in all the figures.

1 represents the roof of a building to which the burlap strips of my improved roofing 2 are applied, in this instance the strips being laid longitudinally on the roof, though, if desired, they might be arranged vertically.

Each strip or roll of roofing material is composed of a body portion 3 of cement of

the usual or any suitable construction, such cement having as ingredients usually asphaltum with which is mixed asbestos fiber or other ingredients suitable to form a pliant cement body portion, and to the under side of which and of equal widths is secured a web of paper 4 and to the top side of which is secured by being embedded therein a strip of burlap 5. This strip of burlap on one edge, the overlapped edge of the cement portion, is flush therewith, but at the opposite or overlapping edge it is doubled upon itself to form an extending flap 6, which meets the body portion, as at 7, Fig. 2, and is then continued, as at 8, and embedded in the cement body portion and is flush with its edge. There is no stitching of the burlap required to the cement body portion, as in patent to Crabbs and Pendery, No. 636,022, of October 31, 1899, which stitching has a tendency to weaken the parts.

In laying the roofing the edge of the strip having the overlapping flap 6 is laid over the edge of the adjacent strip, as seen in Figs. 2 and 3, and is pressed down to form a tight joint, and then a row of nails 9 are driven through the single burlap portion 8 of the burlap and through both overlapped portions of the strip into the roof, and finally the doubled overlapping strip 6 of the burlap is brought down to cover the heads of the nails and is embedded in a coat of cement or paint applied to the adjacent surface of the underlying strip to form a close tight joint, as seen in Fig. 3. By this construction I am enabled not only to cover the heads of the fastening-nails at the joints, but to cover them by a double thickness of burlap, which protects them and also the burlap from being worn through, so as to expose the heads of the nails when walking over the roof to paint it or for any other purpose, and the whole structure forms a very rigid joint which not only excludes rain and prevents leakage, but also prevents the tearing of the roofing material at the joints.

Having thus fully described my invention, I claim—

A ready-made roofing in strips, consisting of a cement body portion, and an overlying

burlap portion partially embedded thereon, said burlap portion being extended on one edge of the strip then folded back upon itself to form a double flap and then extended forward and embedded flush with the edge of the body portion to afford a base for fastening-nails, and a doubled burlap flap to cover

said nails and to lap over and be secured on the top of the adjacent underlying roofing-strip, substantially as described.

WILLIAM J. MOELLER.

Witnesses:

R. B. CRABBS,  
GERTRUDE PECK.