

C. W. R. SMITH.
ROOFING SHINGLE.
APPLICATION FILED JULY 29, 1912.

Patented June 10, 1913.

1,064,020.

Fig. 1.

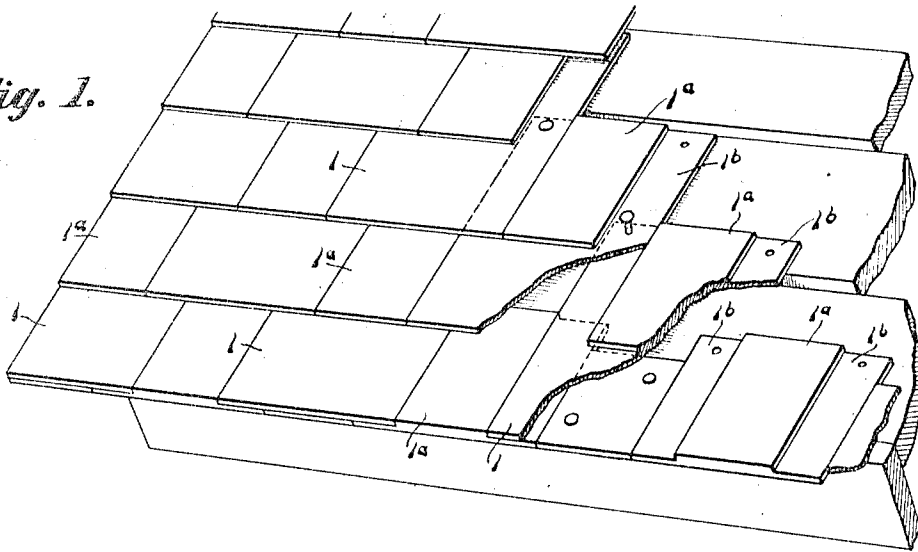


Fig. 2.

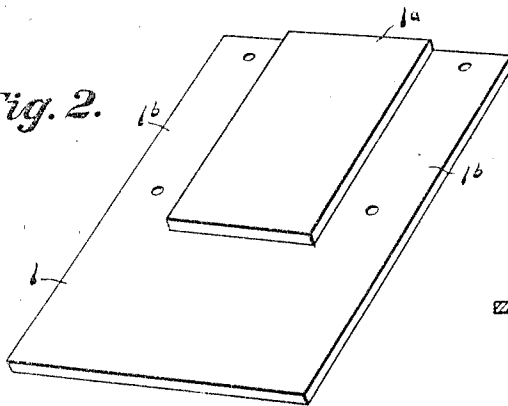


Fig. 3.



Fig. 4.

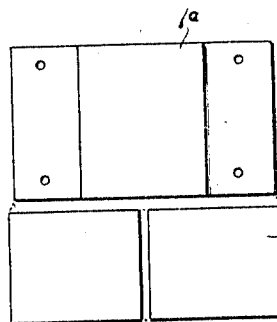
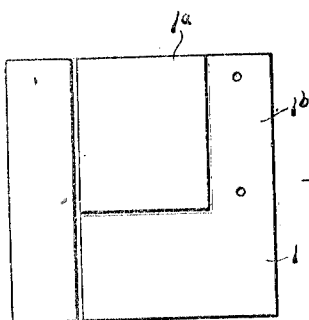


Fig. 5.



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Witnesses

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UNITED STATES PATENT OFFICE.

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ROOFING-SHINGLE.

1,064,020.

Specification of Letters Patent.

Patented June 10, 1913.

Application filed July 29, 1912. Serial No. 711,946.

To all whom it may concern:

Be it known that I, CHARLES W. R. SMITH, a citizen of the United States, residing at Medina, in the county of Medina and State of Ohio, have invented certain new and useful Improvements in Roofing-Shingles, of which the following is a specification.

My invention relates to improvements in roofing shingles, the primary object being to provide an improved form of shingle possessing many advantages in laying and eliminating the use of what is known as a "storm" nail now used in connection with ordinary asbestos shingles for securing the outer exposed corners thereof.

The improved shingle is adapted to be formed of any suitable and convenient roofing material, such as asbestos composition, cement, concrete, or the like.

A further object is to provide a generally improved roofing shingle or slab of this class, having its parts and features of construction so arranged relative to each other, that when laid, the parts and features of construction will cooperate with the adjacent overlapping shingles, and will interlock with each other and break joints in such a manner as to produce a smooth and even outer surface of finished appearance, and at the same time prevent leakage and insure the escape of water from within the joints or connecting edges thereof.

A still further object is to provide an improved composition roofing shingle of such form and dimensions that the same may be readily cut for fitting in at the eaves and gable edges of the roof.

With the above mentioned ends in view, the invention consists in the novel construction, arrangement, and combination of parts, hereinafter described, illustrated in one of its embodiments in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawings, forming a part of this specification, Figure 1, is a perspective view of a roof section constructed or made up of the improved roofing shingles, certain portions of the latter being broken away for the purpose of clearer illustration of the parts. Fig. 2, an enlarged perspective view of the improved roofing shingle, detached. Fig. 3, a transverse cross sectional view of the same through the raised panel portion thereof. Fig. 4, a top plan view of the improved shingle illustrating

the manner in which the lower or exposed portion of the shingle may be cut without waste for use along the eave portion of the roof. Fig. 5, a similar view of the same, cut for use along the gable edge of the roof.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

The improved shingle 1, consists of a main body portion of suitable thickness and lateral dimensions, preferably of rectangular form as shown, and is provided on its top or face side with a similarly shaped panel portion 1^a, of like thickness extending from one side or edge thereof and spaced from the remaining sides or edges as shown. The panel portion 1^a, is preferably formed integral with the main body portion of the shingle and corresponds in width to the aggregate width of the lateral marginal or overlapping portions 1^b, of the shingle, so that when laid, this raised panel portion corresponds in thickness to the thickness of the adjacent marginal or overlapping portions 1^b, of the adjacent shingles so that said overlapping portions 1^b, will abut against the sides of the raised panel portion and will extend flush therewith to form a smooth plane roofing surface as indicated most clearly in Fig. 1, of the drawings. The panel portion 1^a, is spaced from the exposed or weather edge of the shingle a distance to correspond with the gage desired, and the lateral overlapping portions 1^b, may be provided with suitably spaced nail receiving openings for nailing the shingles in place, as shown.

In Fig. 4, I have shown a manner in which the improved shingle may be cut without waste, and laid or fitted in along the eave portion of the roof as shown in Fig. 1. In Fig. 5, I have shown the improved shingle cut for use along the gable edge of the improved roof, the narrow strip at the left being, in this instance, waste material.

From the foregoing description, taken in connection with the accompanying drawings, the construction and advantages of my invention will be readily understood.

Having thus described one of the embodiments of my invention, what I claim and desire to secure by Letters Patent is,—

1. A roofing shingle having a similarly shaped raised panel portion of like thickness spaced from three of its sides only.

2. A roofing shingle having a raised face

panel of the same thickness extending from one edge thereof.

3. A roofing shingle, comprising a rectangular shingle member provided with a
5 similarly shaped raised panel portion on its face side spaced from three of the edges thereof and corresponding in thickness to the latter.

4. A roofing shingle having a raised face
10 panel extending flush with one edge and corresponding in width to the aggregate width of the lateral overlapping portions of the shingle, said raised face panel being
15 lapping portions.

5. A roofing shingle, comprising a main section and a raised face section spaced from three of the sides of said main section and extending flush with one of its sides, each of the lateral marginal portions of said main
20 section corresponding in width to half the width of said raised face section and being of the same thickness as the latter.

In testimony whereof I have affixed my signature in presence of two witnesses.

CHARLES W. R. SMITH.

Witnesses:

O. C. BILLMAN,
E. J. THOBABEN.