No. 835,818. PATENTED NOV. 13, 1906.

W. S. DIVVER.

SHINGLE.

APPLICATION FILED MAY 16, 1906.

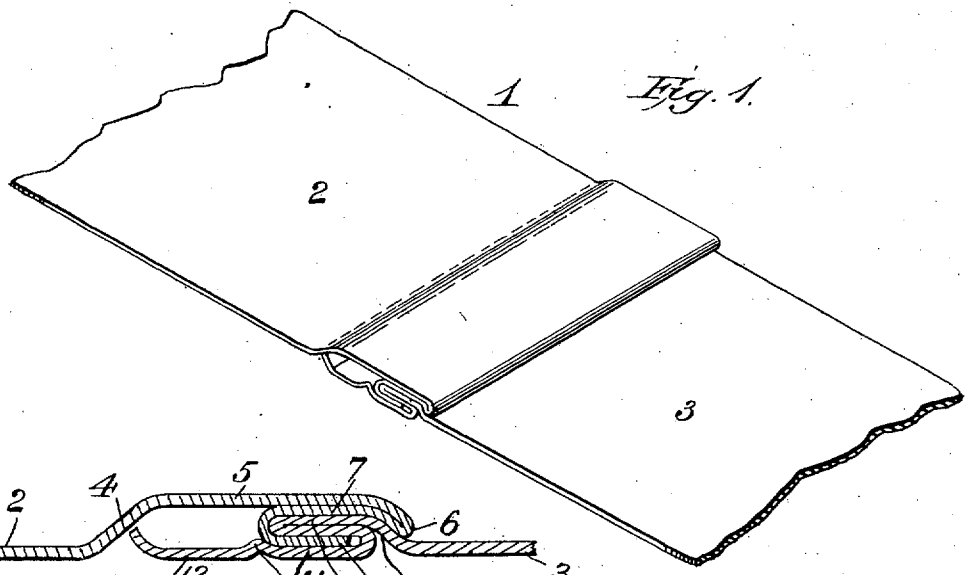


Fig. 1.

Fig. 2

WITNESSES:

F. L. Durand.

J. P. Duffie.

INVENTOR

William S. Divver

BY John S. Duffie

Attorney

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM S. DIVVER, OF ANDERSON, SOUTH CAROLINA.

SHINGLE.

No. 835,818. Specification of Letters Patent. Patented Nov. 13, 1906.

Application filed May 16, 1906. Serial No. 317,116.

To all whom it may concern:

Be it known that I, WILLIAM S. DIVVER, a citizen of the United States, residing at Anderson, in the county of Anderson and State of South Carolina, have invented certain new and useful Improvements in Shingles, of which the following is a specification.

My invention has relation to new and useful improvements in shingles; and it essentially consists of a shingle provided with means by which it may be connected or locked to one side of a corresponding shingle.

The object of my invention is the production of a shingle of this character that is simple and economical in construction, efficient in use, will answer all the purposes of any of the more complicated shingles of this character, and is absolutely waterproof.

With these ends in view my invention consists in the novel construction, combination, and arrangement of parts, as set forth in the specification and claims hereunto appended.

In the accompanying drawings, in which like parts are designated by like characters throughout the several views, Figure 1 is a perspective view of two shingles locked or connected together at their adjacent sides, the opposite sides of said shingles broken away. Fig. 2 is a longitudinal sectional view of two of my shingles locked or connected together at their adjacent sides, their opposite sides partly broken away. Fig. 3 is a longitudinal sectional view of a modification of my invention, showing two shingles locked together at their adjacent sides, their opposite sides partly broken away.

My invention is described as follows: The numeral 1 represents my invention, which consists of locking two shingles 2 and 3 together at their adjacent sides. The opposite sides of said shingles are shown broken away. (See Figs. 1 and 2.) Said shingles are made of sheet-iron, tin, or other such waterproof material and are of identical construction. When in use, said shingles are connected or locked together at their opposite sides. Said piece 2 is constructed near one of its sides to turn obliquely upward for a short distance, forming an oblique shoulder 4, then inward horizontally, forming an inwardly-extending horizontal part 5, then obliquely downward and obliquely upward, forming an oblique downwardly-extending lip 6, then inward to about midway of said outwardly-extending horizontal part 5, contiguous with the under face thereof, forming an inwardly-extending horizontal part 7. The side of said piece is then turned outward again and terminates in a horizontal outwardly-extending extension 8. Said shingle 3 is constructed near its inner side with an oblique shoulder 9, the upper face of which preferably conforms with the under face of said lip 6 of said shingle 2. Said shingle 3 then extends horizontally outward and is bent back on itself a short distance, providing a horizontal outwardly-extending tongue 10, which is bent downward and outward to form a horizontal outwardly-extending extension 11, which terminates at its inner end in an oblique upwardly-extending lip 12. Said extension 11 is also provided about midway of its width and on its upper face with a horizontal vertical rib 12. The end of said shingle 2 broken away, which I will term the "outer" end, is similar in construction to the end of said piece 3 above described, which I will term the "inner" end, and the outer end of said piece 3 is similar in construction to the inner end of said piece 2.

When in use, the said shingle 3 is secured to the roof or other place to be shingled, when said shingle 2 is brought into position by passing said horizontal outwardly-extending extension 8 thereof between the under and upper faces, respectively, of said horizontal outwardly-extending tongue 2 and said horizontal outwardly-extending extension 11. The said lip 6 of said shingle bears against the upper face of the shoulder 9 of said shingle 3 and retains the shingle 2 in position. The said horizontal vertical rib 12′ of said extension 11 of said shingle 3 also assists in securing said shingle 2 in position.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A shingle, provided near one side with a shoulder 4, outwardly-extending horizontal part 5, oblique downwardly-extending lip 6, inwardly-extending horizontal part 7, and horizontal outwardly-extending extension 8, and at its opposite side with a shoulder 9, horizontal outwardly-extending tongue 10, and a horizontal outwardly-extending extension 11, having a vertical rib on its upper face about midway of its width, substantially as shown and described and for the purposes set forth.

2. A shingle, provided near one side with

a shoulder, outwardly-extending horizontal part, oblique downwardly-extending lip, inwardly-extending horizontal part, and a horizontal outwardly-extending extension, and at its opposite side with a shoulder, horizontal outwardly-extending tongue, and a horizontal outwardly-extending extension, one side of said shingle being adapted to be locked in the corresponding side of a similar shingle, substantially as shown and described and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM S. DIVVER.

Witnesses:

JAMES L. BURLEY,

JOHN A. AUSTIN.

Corrections in Letters Patent No. 835,818.

It is hereby certified that in Letters Patent No. 835,818, granted November 13, 1906, upon the application of William S. Divver, of Anderson, South Carolina, for an improvement in "Shingles," errors appear in the printed specification requiring correction, as follows: On page 1, lines 32–36, the sentence comprising the description of "Fig. 3," should be stricken out, and line 73, same page, the reference numeral "12" should be *12'*; and that the said Letters Patent should be read with these corrections therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 4th day of December, A. D., 1906.

[SEAL.]

F. I. ALLEN,

Commissioner of Patents.