No. 844,612. PATENTED FEB. 19, 1907.

P. L. MORRIS.

SHINGLING GAGE.

APPLICATION FILED OCT. 8, 1906.

FIG. 1.

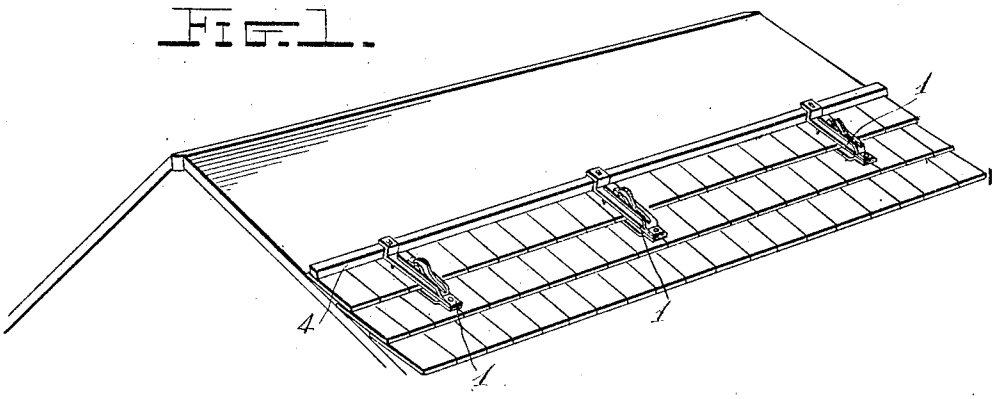


FIG. 2.

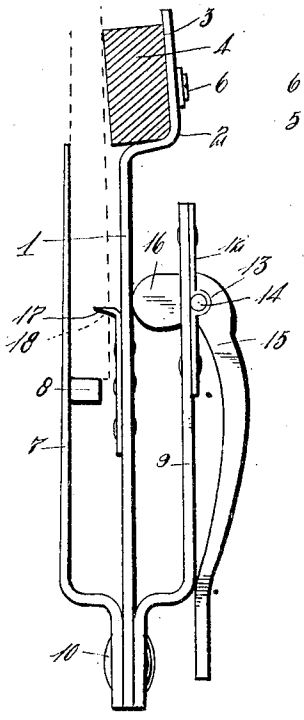


FIG. 3.

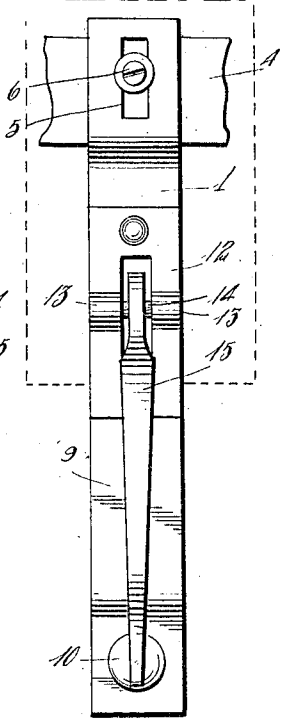
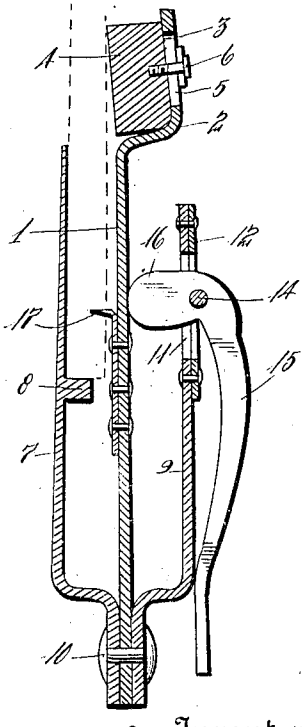


FIG. 4.



Witnesses

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SHINGLING-GAGE.

No. 844,[illegible]2. Specification of Letters Patent. Patented Feb. 19, 1907.

Application filed October 8, 1906. Serial No. 338,050.

To all whom it may concern:

Be it known that I, PINKNEY L. MORRIS, a citizen of the United States, residing at Wewahitchka, county of Calhoun, and State of Florida, have invented certain new and useful Improvements in Shingling-Gages, of which the following is a specification.

My invention relates to shingling-gages.

The object of the present invention is the provision of a shingling-gage, of which two or more may be used to hold a straight-edge, which will have improved means for adjustably retaining the straight-edge so that the gage will be adapted to the setting of shingles of different lengths and to provide novel means for rapidly and easily engaging the device with a shingle already set to securely hold the gages and the straight-edge in position, but subject to rapid and easy detachment for the application to a course of shingles which has just been set.

The invention is set forth fully hereinafter, and the novel features are recited in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view showing the manner in which the improved shingling-gages may be used; Fig. 2, a detail side view of one of the gages; Fig. 3, a front view, and Fig. 4 a vertical section.

The gage has a straight-edge support 1, provided with an offset part 2, forming a seat 3 for the straight-edge 4 and provided with a vertical slot 5, through which a clamping-screw 6 passes into the straight-edge to thereby permit the straight-edge to be adjusted up or down, as desired, according to the length of the shingles being set.

The numeral 7 designates a shingle-gaging finger, which is tapered so that it may be readily inserted under the shingle already set, and it is provided with a lug 8 to abut the lower end of the shingle.

A plate 9, which is connected to the straight-edge support 1 and finger 7 by a rivet 10, is provided with a slot 11 and carries a slotted plate 12, provided with loops 13, in which is held a pin 14. Journaled on the pin 14, and lying in the slot 11, is a cam-lever 15, whose cam 16 is adapted to bear against the straight-edge support 1. The straight-edge support 1 carries a claw 17, which is forced into the shingle (shown at 18) when the cam-lever is pressed down, and the claw is released from the shingle when the cam-lever is thrown outwardly.

Preferably three of the gages are used, although two only may be employed, and they are positioned, as shown in Fig. 1, by slipping the fingers 7 up under a course of shingles until the shingles strike the abutment-lug 18, whereupon the cam-levers of the gages are pressed down to cause the claws 17 to engage the shingles, thus preventing the gages from dropping. The straight-edge may be about forty feet long and is then adjusted according to the lengths of the shingles, and the next course of shingles can be rapidly and easily set, after which the gages are removed by throwing the cam-levers outwardly and shipping the fingers 7 from under the shingles, and the gages are then engaged with a higher course of shingles and another course of shingles is set, these operations being continued until the roof has been properly shingled.

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

1. A shingling-gage comprising a finger adapted to be slipped under a set shingle, a straight-edge support having means to engage a set shingle, a plate connected to the straight-edge support and to the finger, and means for exerting pressure between the plate and the straight-edge support to cause the straight-edge support to engage the set shingle.

2. A shingling-gage comprising a finger adapted to be slipped under a set shingle, a straight-edge support having means to engage a set shingle, a plate connected to the straight-edge support and to the finger, and a cam-lever adapted to exert pressure between the plate and the straight-edge support to cause the straight-edge support to engage the set shingle.

3. A shingling-gage comprising a finger adapted to be slipped under a set shingle, a straight-edge support having means to engage a set shingle, a plate connected to the straight-edge support and to the finger, and a cam-lever received in a slot in the plate and pivoted to the plate which is adapted to force the straight-edge support into engagement with the set shingle.

4. In a shingling-gage, the combination with a finger adapted to be slipped under a set shingle, of a straight-edge support having a claw to engage the set shingle and provided with an offset portion, a securing device passing through the slot of the straight-edge support for securing the straight-edge in differ-

ent adjusted positions, and means for causing the claw to engage the set shingle.

5. In a shingling-gage the combination, with a finger adapted to be slipped under a set shingle, of a straight-edge support having a claw to engage the set shingle and provided with an offset portion, a securing device passing through the slot of the straight-edge support for securing the straight-edge in different adjusted positions, means for causing the claw to engage the set shingle comprising a plate secured to the straight-edge support, and a cam-lever carried by the plate and adapted to bear on the straight-edge support.

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

PINKNEY L. MORRIS.

Witnesses:
C. A. BOWEN,
M. M. MORRIS.