P. B. Turner,

Shingling Bracket.

No. 79,415. Patented June 30. 1868.

Fig. 1.

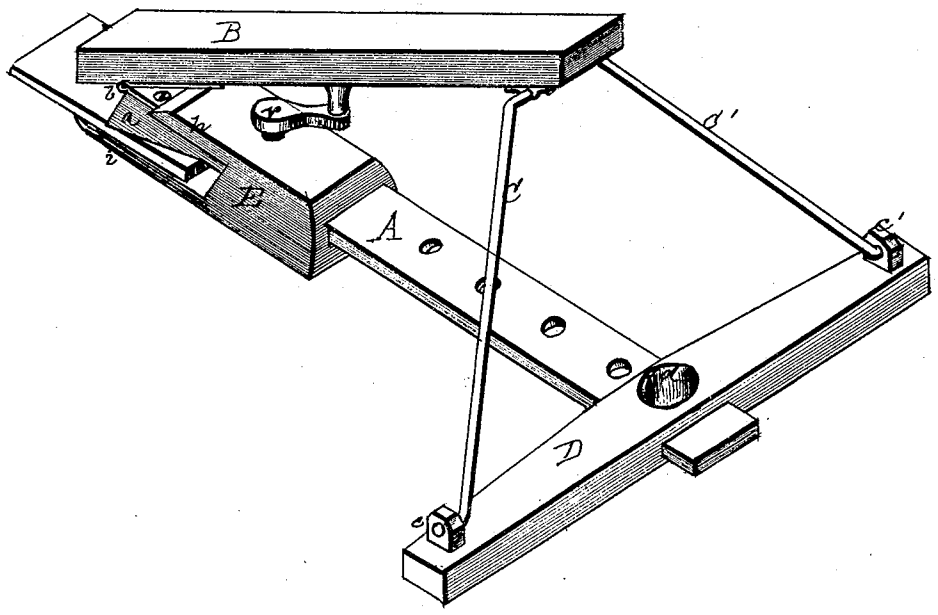


Fig. 2

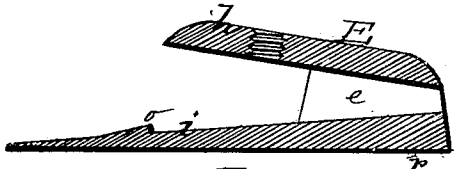


Fig. 4.

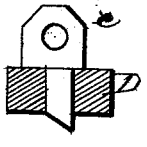
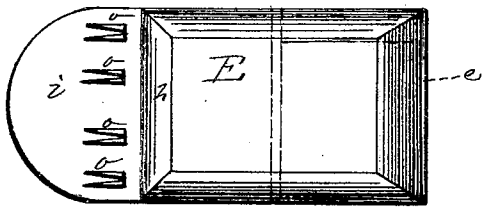


Fig. 3.



Peter B. Turner
by J. H. Adams
Atty

Witnesses.

H. M. Barnard

Dugald Mactavish

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United States Patent Office.

PETER B. TURNER, OF QUINCY, MASSACHUSETTS.

Letters Patent No. 79,415, *dated June* 30, 1868.

IMPROVED BRACKET FOR SHINGLE ROOFS.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, PETER B. TURNER, of Quincy, in the county of Norfolk, and State of Massachusetts, have invented a new and improved Bracket for Shingling Roofs, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a perspective view of my invention.

Figure 2 is a sectional view of the wedge-block.

Figure 3 is a plan of the same, and

Figure 4 is a section of the cross-bar and stud.

Similar letters indicate like parts in the the several figures.

The object of my invention is to produce a bracket or support for a person engaged in the operation of shingling roofs of buildings, so as to combine safety with ease of adjustment, and a ready means of removal during the operation, and at the same time admit of being readily adapted to roofs of different pitch.

And the invention consists in the employment of a series of bars, and a wedge-shaped block, so arranged as to form a clamp, which is set and operated in such a manner that the sharp end of the wedge-block is pushed underneath the shingles which have previously been fastened to the roof; the bar is then driven with its wedge-like head against the upper surface of the shingle, so as to clamp about a third of the length of the shingle between the bar and the wedge-block, and spurs are then forced into the shingle for further protection against slipping.

Referring to the drawings, A represents an adjustable bar, provided at one end with a wedge-shaped head, *a*, to the upper edge of which is hinged the plate B. To the outer end of the plate B are secured, so as to turn freely, the braces C C′. The lower ends of the said braces are fixed in the heads of the studs *c c′*, which latter pass through the ends of the cross-bar D, and are pointed at their lower ends, as shown in fig. 4.

The bar D is provided with a slot at its centre, through which passes the bar A, the latter being provided with a series of holes, through which the pin *d* passes. by which the two are secured in position, and by which they are adjusted.

Upon the bar A is fitted, so as to slide freely, the block E, as shown. The latter is provided with a set-screw, by which it is secured to the bar A.

The block E is constructed with the two jaws *h i*, the upper jaw or portion *h* resting upon the bar A, and the lower one extending beyond the upper one, and provided with the spurs *o o o o* on its upper face. On the under side of the block E, are spurs *p p*, to prevent the same from slipping.

When the device is in use, the thin edge of the jaw *i* of the block E is placed under the thick end of a shingle, which is fastened to the roof, and on the top of the shingle is placed the head *a* of the bar A. The screw *r* being then operated, the shingle is firmly grasped or clamped. The cross-head D is then brought to a point on the bar A, so as to bring the plate B to a horizontal position.

Another bracket is arranged at a suitable distance from the above named, and the two thus support a board or plank, upon which the workmen stand. The bracket is prevented from slipping by the studs *c c′* and spurs *p*.

By releasing the screw *r*, the bar A is loosened, and the block E easily removed, so that the position of the bracket can be easily changed.

What I claim as new, and desire to secure by Letters Patent, is—

1. The block E, constructed as described, in combination with the adjustable bar A, as set forth.

2. The combination of the block E, adjustable bar A, bar B, standards C C′, and movable bar D, substantially as and for the purpose set forth.

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

PETER B. TURNER.

Witnesses:

M. S. G. WILDE,

E. L. DYER.