(No Model.)

W. H. SMERDON.

SHINGLING BRACKET.

No. 342,649. Patented May 25, 1886.

Fig. 2

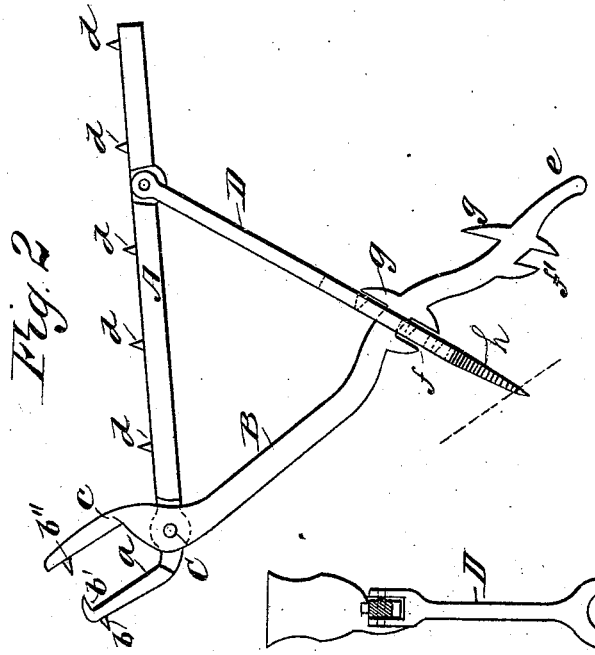


Fig. 3

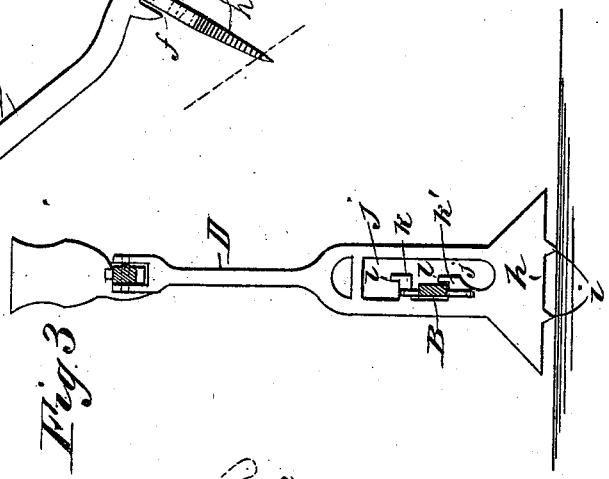
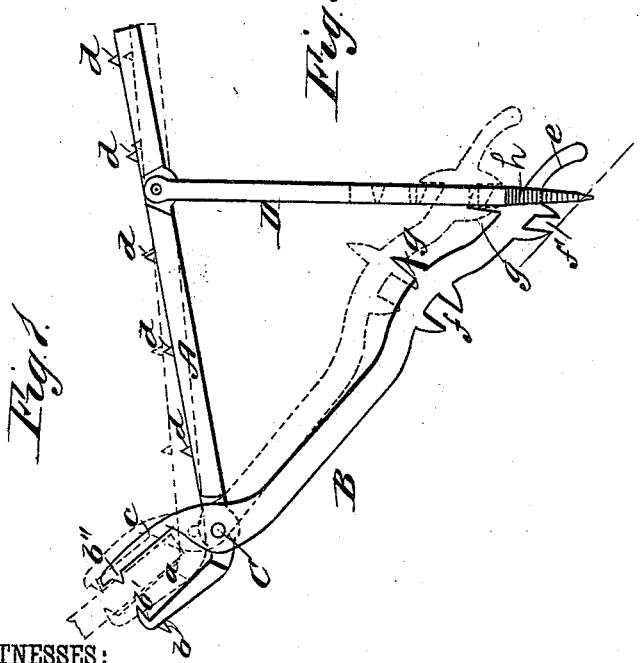


Fig. 1.



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SHINGLING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 342,649, dated May 25, 1886.

Application filed March 17, 1886. Serial No. 195,524. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY SMERDON, of Taunton, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Shingling-Brackets, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a side elevation showing the shingling-bracket arranged for application to the roof. Fig. 2 is a side elevation showing the bracket adjusted for a roof of a slight pitch. Fig. 3 is an end elevation partly in section.

Similar letters of reference indicate corresponding parts in the different figures of the drawings.

The object of my invention is to provide a simple and secure bracket for holding staging upon the roof for the use of shinglers.

My invention consists in the construction and arrangement of parts, as will be hereinafter fully described and claimed.

The levers A B are pivoted on the bolt or rivet C. The shorter arm, *a*, of the lever A is provided with spurs *b b'* on opposite sides, at or near the extremity thereof, and the arm is curved toward the shorter arm, *c*, of the lever B. On the inner surface of the arm *c*, near the end thereof, is formed a spur or chisel edge, *b''*. The upper or outer surface of the lever A is provided with a series of spurs, *d*, for engaging the staging supported by the bracket. The extremity of the longer arm of the lever B is provided with a handle, *e*, and on the outer or under surface of the lever B are arranged two pairs of lugs, *f f'*, and opposite the lower lug of each pair on the under side of the lever B is formed the lug *g*.

An upright, D, which is forked at its upper end, and pivotally connected with the longer arm of the lever A, is provided at its lower end with a wide chisel-edge, *h*, furnished with two or more spurs, *i*, projecting beyond the edge for engagement with the finished roof. The upright D, above the chisel-edge *h*, is widened and provided with an oblong aperture, *j*, into which project the arms *k k'*, provided with lugs *l* at the upper side of their inner ends. The arms *k k'* project from the side of the apertured part of the upright D, about half-way across the aperture *j*, and the space between the inner ends of the arms *k k'* and the opposite side of the opening *j* is sufficient to receive the longer arm of the lever B. The portion of the lever B upon which the lugs *f* are situated is offset or bent upward slightly to facilitate the engagement of the lugs *f* with the arm *k*.

The bracket is arranged for application to the roof by placing the longer arm of the lever B in the lower part of the opening *j*, below the arm *k'*, thus opening the jaws formed of the shorter arms *a c*. The arm *a* is inserted under one of the shingles, when the longer arm of the lever B is raised, and if the pitch of the roof to which the bracket is applied is slight the pair of lugs *f'* are brought into engagement with the arm *k'* by lifting the longer arm of the lever B upward, through the space at the end of the arm *k*, then lifting it over the arm and over the lug *l*, then allowing it to drop down behind the lug *l*, with the lugs *f'* on opposite sides of the arm *k*, as shown in dotted lines in Fig. 1, and when the roof is very steep the lugs *f* are brought into engagement with the arm *k* in a similar way. The spur *b* engages the upper surface of the shingle lying next below the one embraced by the arms *a c*, and the shingle received between the arms *a c* is engaged by the spurs *b' b''*. The spurs *i* on the lower end of the upright D enter the roof and prevent the upright from slipping.

When two or more of the brackets are arranged for use in the manner described, the boards are laid upon the levers A, forming the staging for the shingles. When the roof is shingled as far as possible from the brackets, another set of brackets are placed, and the shingling proceeded with as before. When the roof is finished, the brackets and staging are removed by beginning at the top.

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

1. The combination of the lever A, provided with a curved short arm, *a*, and spurs *b b' d*, the lever B, pivoted to the lever A and provided with the spur *b''*, lugs *f f'*, and the apertured

upright D, pivoted to the lever A and having the chisel-edge *h*, spurs *i*, and the inwardly-projecting arm *k*, arranged to receive the lugs *f f'*, substantially as herein shown and described.

2. The combination of lever A, having a grasping end, *a*, and the lever B, pivoted to lever A and having a grasping end, C, pairs of lugs *f f'* on its lower side, and lugs *g g* on its upper side opposite the lower lug of each pair, with the upright D pivoted to lever A, and formed with the oblong slot *j*, through which lever B passes, and with the arms *k k'* projecting inwardly from a vertical wall of the slot, substantially as set forth.

3. The combination of the levers A B, pivoted together and having the grasping ends *a c*, the lever B, having the pairs of lugs *f f'*, and the upper lugs, *g g*, opposite the lower lug of each pair, with the upright D pivoted to the lever A, and formed with the slot *j*, through which lever B passes, and with the arms *k k'* projecting inwardly into the slots, and provided with vertical lugs *l* on their ends, substantially as set forth.

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Witnesses:
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