(No Model.)

L. THORSEN.

SHINGLE BASKET.

No. 474,800. Patented May 10, 1892.

Fig. 1.

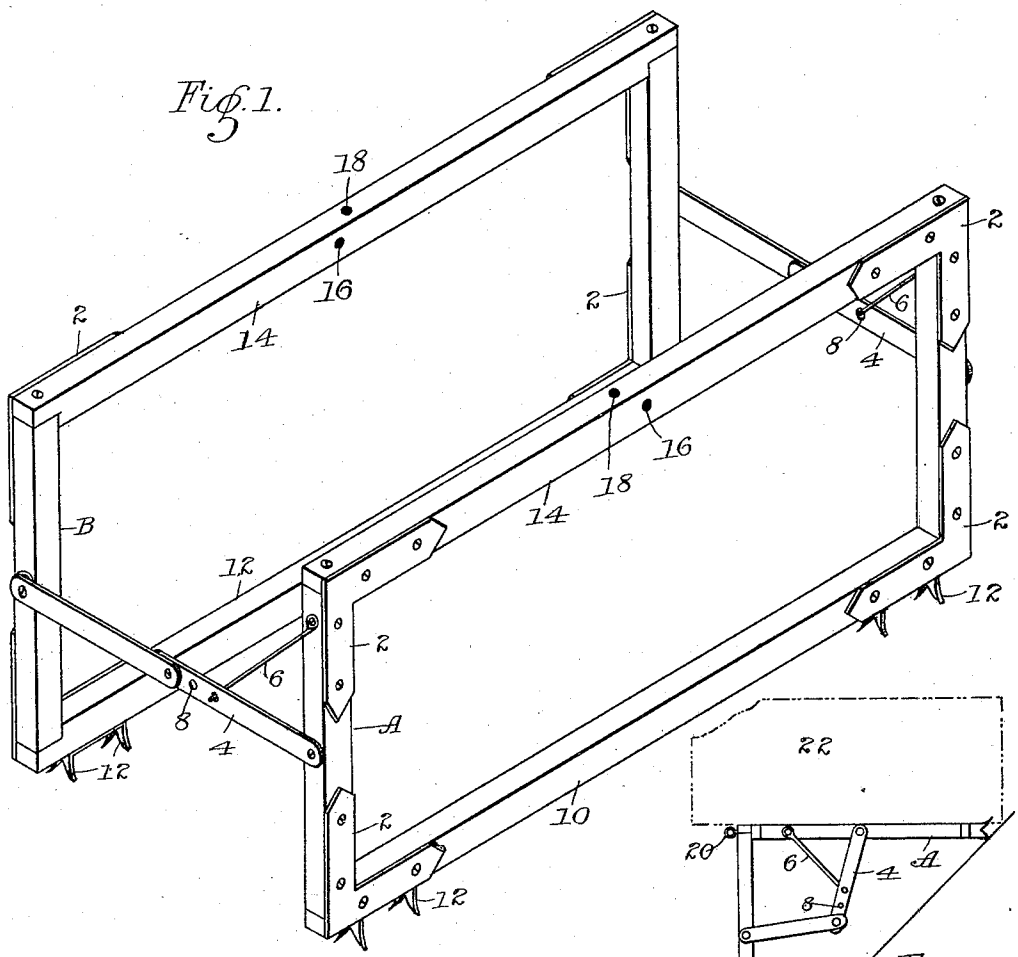


Fig. 2.

Fig. 4.

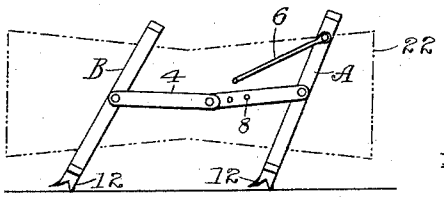
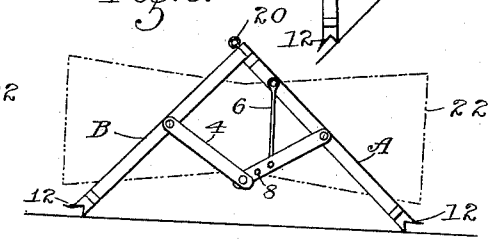


Fig. 3.



Witnesses:-
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UNITED STATES PATENT OFFICE.

LUDWIG THORSEN, OF ST. PAUL, MINNESOTA, ASSIGNOR OF ONE-HALF TO GUSTAV NEWGARD, OF SAME PLACE.

SHINGLE-BASKET.

SPECIFICATION forming part of Letters Patent No. 474,800, dated May 10, 1892.

Application filed June 8, 1891. Serial No. 395,485. (No model.)

To all whom it may concern:

Be it known that I, LUDWIG THORSEN, of St. Paul, Ramsey county, Minnesota, have invented certain Improvements in Shingle-Baskets, of which the following is a specification.

My invention relates to improved devices for the holding of bundles of shingles upon a roof or scaffold so as to prevent their falling off or being blown away, and yet be convenient of access for the workmen engaged in laying them upon the roof.

To this end my invention consists in providing a pair of rectangular frames having their ends flexibly linked together so as to form the two sides of an open frame or box, having other suitable connecting devices by means of which the side frames may be set at different angles with each other to accommodate the device to the various positions in which it is necessary to be placed when in use. Arranged upon the bottom of the frame-pieces are suitable prongs or teeth which engage with and hold the frame in place upon the roof or scaffold, the shingles ordinarily being placed crosswise through the device and between the upper and lower bars of the side frames.

My invention further consists in the construction and combination hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is an isometrical projection of my improved device, shown with the side frames upright and parallel with each other. Fig. 2 is an end elevation of the same, showing the frames fastened together in the form of a right angle in order to be placed upon a sliding roof, and showing also the position of the shingle-bundle thereon. Fig. 3 is a similar adjustment in form of the device placed upon a nearly-horizontal support, and Fig. 4 is still another adjustment of the device on a similar support.

In the drawings, A and B represent the rectangular side frame-pieces of the basket, having suitable reinforcing angle-irons 2 upon each corner. These pieces are linked together at the centers of their ends by the jointed connection 4, so that they may be collapsed together for convenience in handling and transporting. They are held in their relative position at such angle as may be desired by means of one or more brace-rods 6, pivotally connected to the frame-pieces. The lower bar 10 of the side frames is provided near each and with the forked prongs or teeth 12, upon which the frames rest and which slightly penetrate the wood of the roof or scaffold, and thus secure the basket from slipping. The upper bars 14 of the side frames are preferably provided with holes 16 and 18, adapted to receive a pin 20 when the frames are turned together to form a right angle, the pin passing through the hole 16 of one bar and entering the hole 18 of the other, thus holding the device rigidly in position. It then can be placed in the position shown by Fig. 2 and the bundle of shingles (shown by dotted lines 22) can be laid upon the top. It may also be placed in position, as shown in Fig. 3, upon approximately a level surface, and the bundle passed through the side frames, as shown. When the frame-pieces are connected only by the jointed links, as shown in Fig. 4, the bundle may be placed through and the frames then tilt with the weight of the bundle and the top bars bear upon it, and as the shingles are removed and the bundle diminished in size the basket tilts at more and more of an angle, with the top bars resting upon the top of the bundle and holding the loose shingles from being blown away. The object is to provide a frame which will automatically close in upon the mass of shingles and hold them in place by suitable pressure determined by the weight of the shingles themselves or furnish an unyielding support upon which the shingles may be laid, as shown in Figs. 2 and 3.

It is evident that the device is readily adjustable to various positions, and will furnish a convenient means for holding the shingles upon a support of almost any angle or slope. The various adjustments and positions shown in the drawings are merely illustrative, as it is evident that the basket is susceptible of various other positions not indicated.

I claim—

1. The combination of the rectangular side frames arranged side by side and flexibly con-

nected together, and spurs or teeth upon their lower bars, substantially as and for the purposes set forth.

2. The combination of the rectangular frame-pieces A and B, having the jointed end connections 4 and the teeth 12, substantially as and for the purposes set forth.

3. The combination of the rectangular side frames, having a jointed end connection, teeth upon the bottom of the frames, and means for adjusting the frames at an angle with each other, substantially as and for the purposes set forth.

4. The combination of the frames A and B, having the flexible connection 4, the adjustable brace-rods 6, and the teeth 12, substantially as and for the purposes set forth.

5. The combination of the frame-pieces A and B, having the teeth 12, the jointed-link connection 4, the adjustable braces 6, engaging said links, the holes 16 and 18 in the upper bars of the frame, and the pins 20, adapted to be inserted into said holes to hold the frames at substantially a right angle with each other, substantially as and for the purposes set forth.

In testimony whereof I have hereunto set my hand this 28th day of May, 1891.

LUDWIG THORSEN.

In presence of—
T. D. MERWIN,
WARREN CARPENTER.