

C. SCHNEIDER.
Shingling-Gage.

No. 165,880.

Patented July 20, 1875.

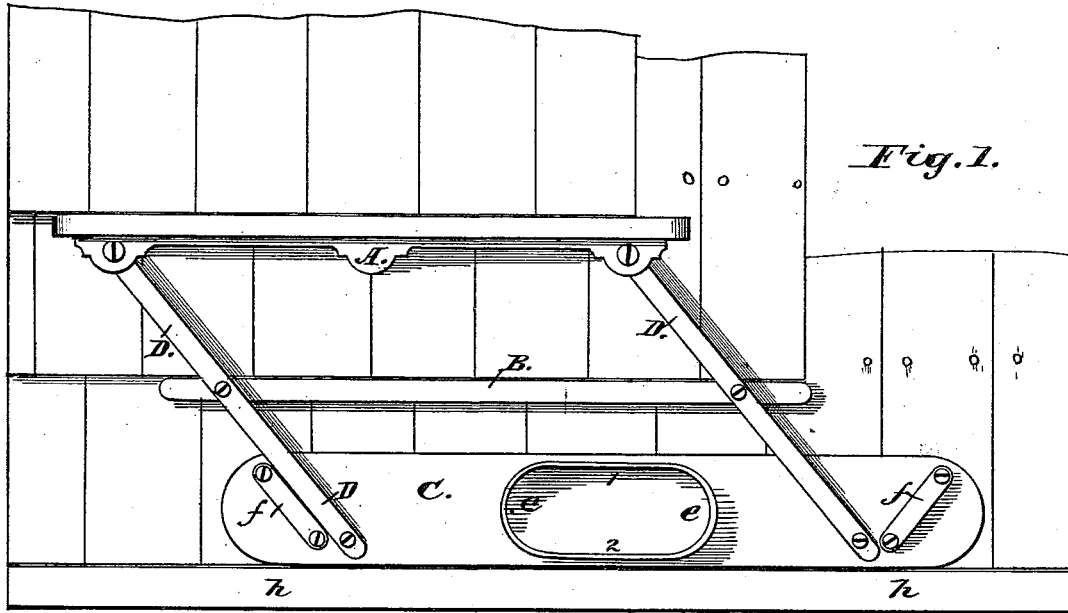


Fig. 1.

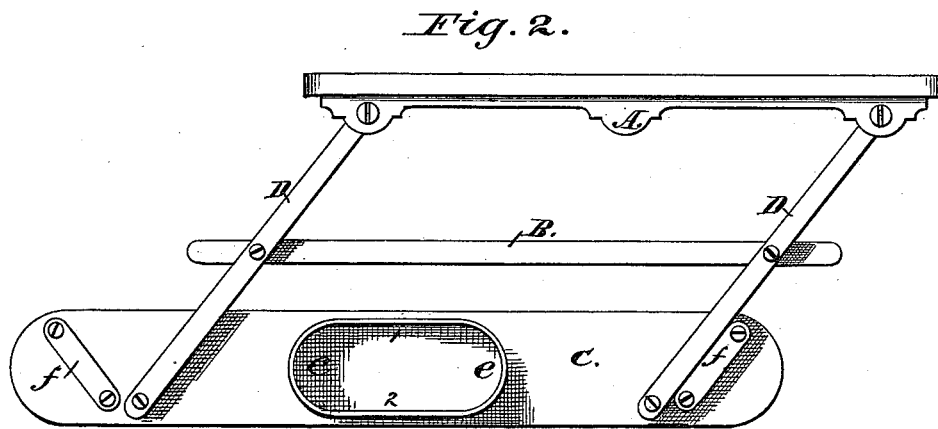


Fig. 2.

Witnesses:
H. C. Baldwin.
A. P. Hall.

Inventor.
Conrad Schneider.

UNITED STATES PATENT OFFICE.

CONRAD SCHNEIDER, OF CHARLES CITY, IOWA, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOHN F. SPAULDING, OF SAME PLACE.

IMPROVEMENT IN SHINGLING-GAGES.

Specification forming part of Letters Patent No. 165,880, dated July 20, 1875; application filed September 15, 1874.

To all whom it may concern:

Be it known that I, CONRAD SCHNEIDER, of Charles City, county of Floyd and State of Iowa, have invented an Improvement in Shingling-Gages, of which the following is a specification:

The object of my invention is to enable the workman to lay accurately and rapidly three courses of shingles at each setting of the straight edge *h h*, and at each passage along the roof of a building. It consists of a movable gage or guide, provided with a suitable nail-holder, and made adjustable by connecting three horizontal bars, A, B, and C, with two cross-bars, D and D, having swivel-joints at their intersections, and movable rests at either end of the horizontal bar, upon which is located the nail-holder.

In Figure 1, *h h* is a straight edge. A, B, and C are three horizontal bars. D and D are two cross-bars. *ee* is the nail-holder. *ff* are two movable rests. Fig. 2 shows the gage reversed to move in an opposite direction.

My shingling-gage is constructed by connecting the bars A, B, and C to the cross-bars D D by means of screws or their equivalents. These horizontal bars are in such relative position that the edge of bar B nearest bar A shall be equidistant from the opposite or farther edge of bar A, and the opposite or farther edges of bars C and A D.

The bar A, to which the cross-bars D D are attached, is provided with lips, covering the ends of said bars D and D. The nail-holder, in the form of an ellipse, is attached to bar C, which is made wide enough to serve as its bottom. The movable rests *ff* are attached to bar C in such a manner as to hold the gage in the position required.

My gage is used as follows: Lay four or five shingles by the straight edge *h h* in the usual manner; then adjust the shingling-gage to the gage desired by placing the rests *ff* as shown in Fig. 1; lay the second course with the ends resting against bar B, and the third course with the ends resting against bar A. As the courses advance, slide the gage along upon the straight edge *h h*, continuing to lay the shingles as directed above.

To lay shingles in the opposite direction, reverse the gage, as shown in Fig. 2.

I claim as my invention—

The herein-described shingling-gage, consisting of the bar C, provided with the nail-holder *e*, and adjustable rests *ff*, bars A and B, and cross-bars D D, constructed and operating as shown, and for the purpose specified.

CONRAD SCHNEIDER.

Witnesses:

H. C. BALDWIN,
G. B. HALL.