(No Model.)

McGUIRE SLANE.

SHINGLING GAGE.

No. 383,597. Patented May 29, 1888.

Fig: 2.

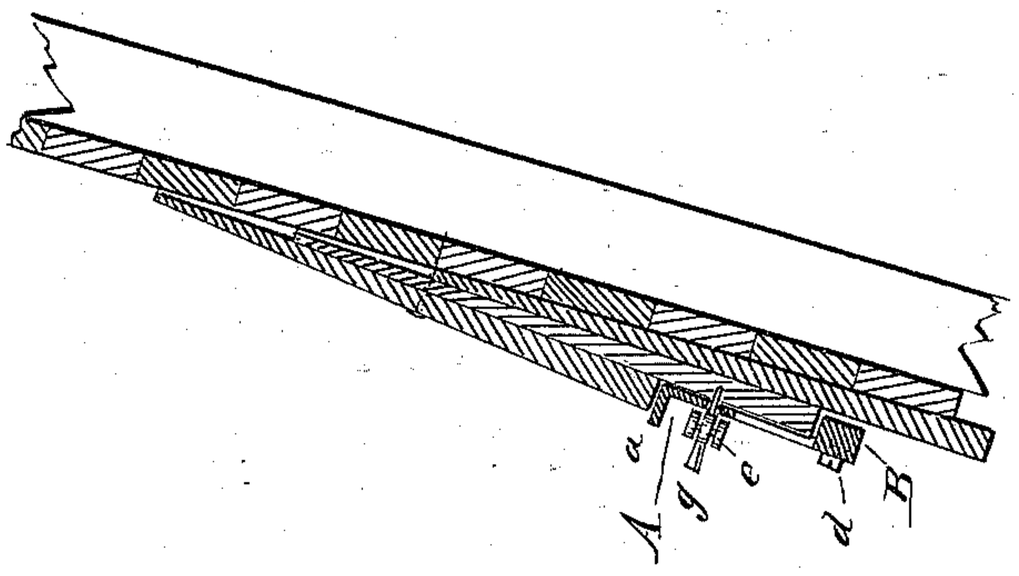


Fig: 4.

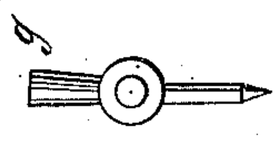


Fig: 1.

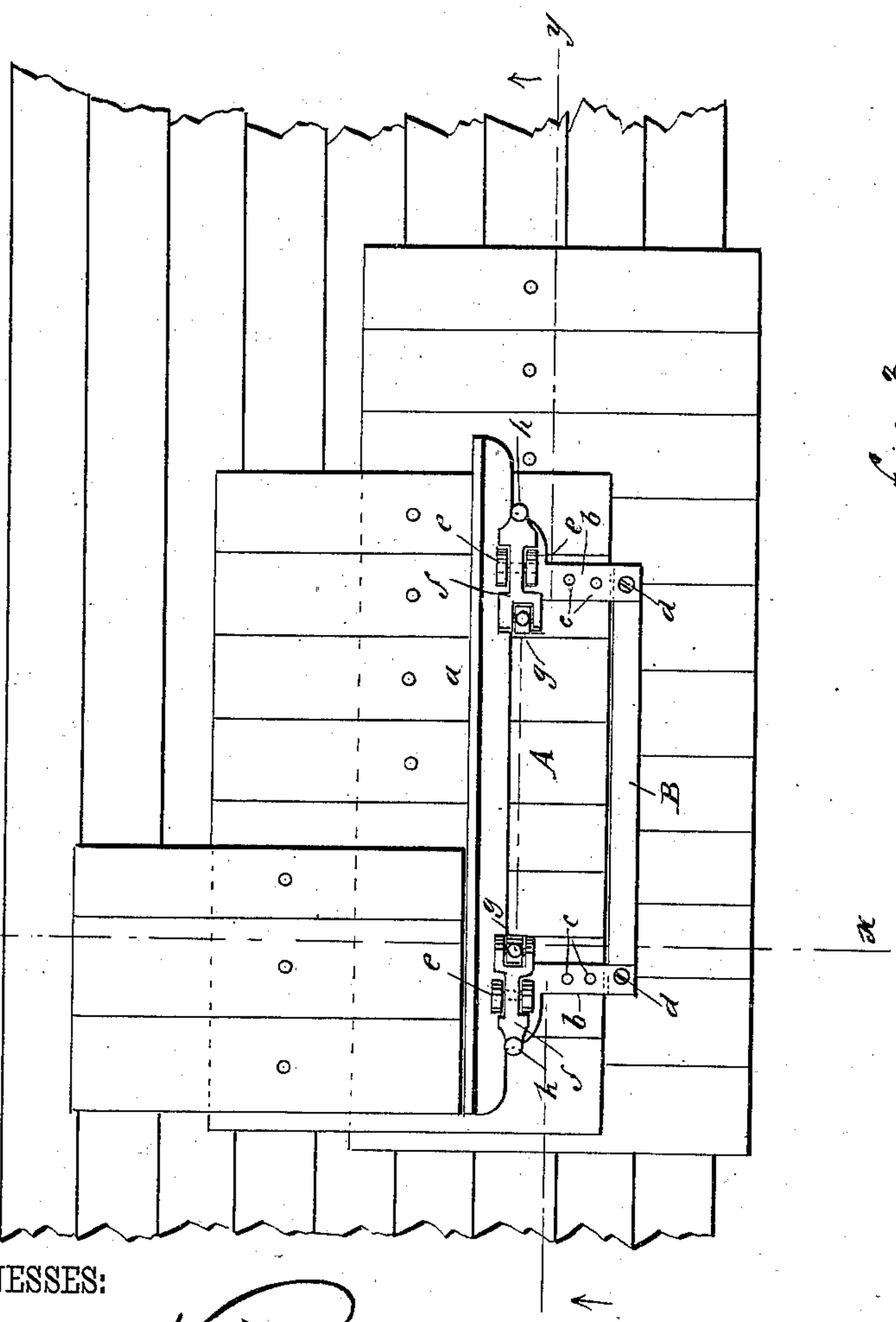
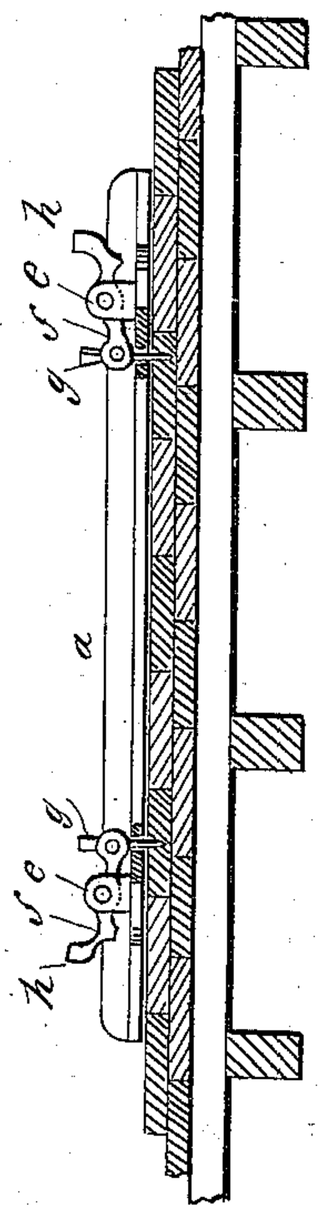


Fig: 3.



WITNESSES:

Chas. Nida.

C. Sedgwick.

INVENTOR:

M. Slane.

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

McGUIRE SLANE, OF LA CINTA, TERRITORY OF NEW MEXICO.

SHINGLING-GAGE.

SPECIFICATION forming part of Letters Patent No. 383,597, dated May 29, 1888.

Application filed December 29, 1887. Serial No. 259,307. (No model.)

To all whom it may concern:

Be it known that I, McGUIRE SLANE, of La Cinta, in the county of San Miguel and Territory of New Mexico, have invented a new and Improved Shingling-Gage, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a plan view of my improved shingling-gage, showing it in the position of use. Fig. 2 is a transverse section taken on line *x x* in Fig. 1. Fig. 3 is a longitudinal section taken on line *y y* in Fig. 1, and Fig. 4 is a detail view of one of the retaining-points.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to construct a gage for the use of shinglers, which will enable them to lay a large number of shingles without shifting their position on the roof.

My invention consists in a gage provided with pointed retaining pins which may be inserted in or withdrawn from the shingles by a blow of a hammer.

The body A of the gage is formed of an angled bar, *a*, having arms *b*, provided with series of equidistant apertures *c*. To the arms *b* is secured a bar, B, by screws *d*, which pass through the apertures *c* of the arms *b* and screw into the bar B. The arms *b*, near their juncture with the bar *a*, are provided with ears *e*, between which are pivoted the levers *f*. The inner ends of the levers *f* are forked to receive the pointed pins *g*, which are pivoted in the said levers and extend downward through holes in the arms *b*. The upper ends of the pins *g* are enlarged, to adapt them to receive a blow of a hammer, and the outer ends of the levers *f* are provided with raised surfaces *h* for receiving the blow of a hammer.

In use the bar B is placed against the butt-ends of a row of shingles, and the bar *a* projects over the said row of shingles a distance equal to the space between the lower ends of the shingles. The pins *g* are then driven in, and the butt-ends of the shingles of the new row are placed against the angled bar *a* and fastened by nails in the usual way. After laying as many shingles as can be laid with the gage in one position, the pins *g* are withdrawn by striking the outer ends of the levers *f*. The gage A is then placed in a new position, and the shingling proceeds as before. The distance between the bars *a* and B may be adjusted by placing the screws *d* in different holes *c*.

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

1. In a shingling-gage, the combination, with the bar *a*, provided with arms *b*, of the bar B, arranged to abut against the row of shingles, the levers *f*, adapted to receive the blows of a hammer, and the pointed pins *g*, pivoted in and projecting above the levers, substantially as described.

2. In a shingling-gage, the combination of the body A, consisting of the angled bar *a*, provided with the apertured arms *b*, projecting at right angles therefrom, the levers *f*, pivoted in ears projecting from the said arms *b*, and the pins *g*, pivoted in the levers *f* and adapted to be driven into the shingles, substantially as described.

McGUIRE SLANE.

Witnesses:

SIMON FRED. REUTHER,

WALTER T. BOOTH.