

No. 825,661.

PATENTED JULY 10, 1906.

A. J. KNEPLEY.
SHINGLING BRACKET.
APPLICATION FILED NOV. 17, 1905.

Fig. 1.

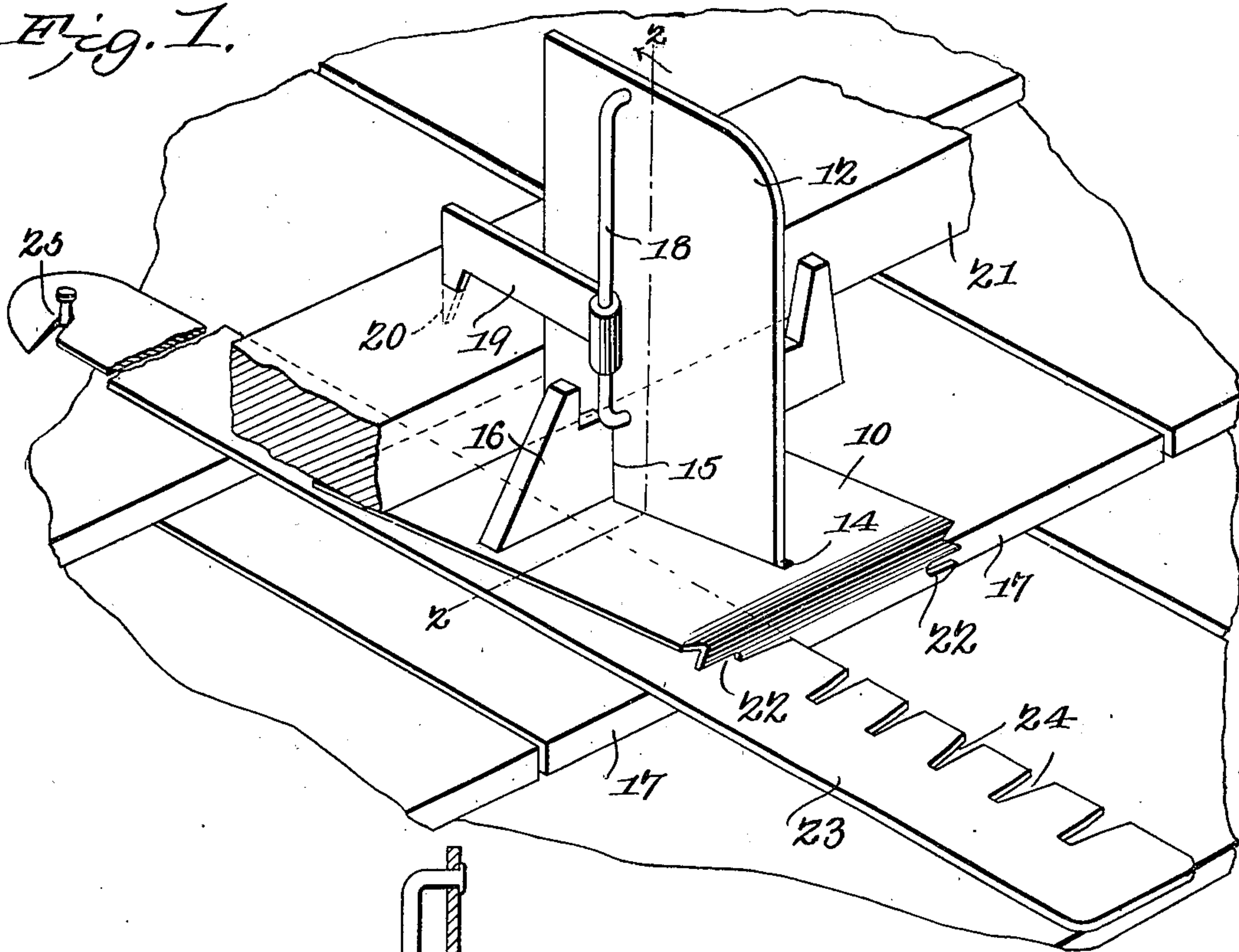


Fig. 2.

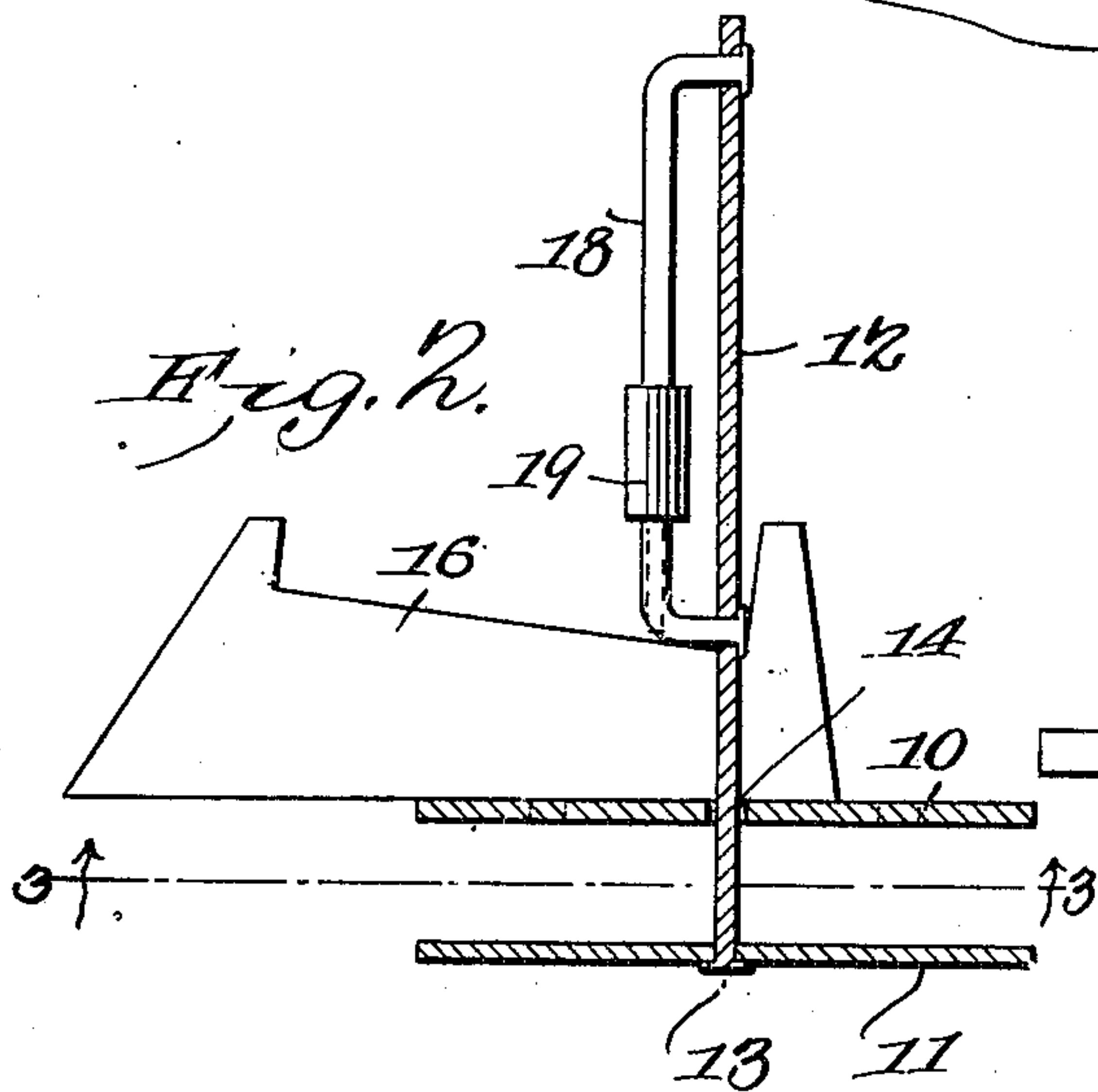
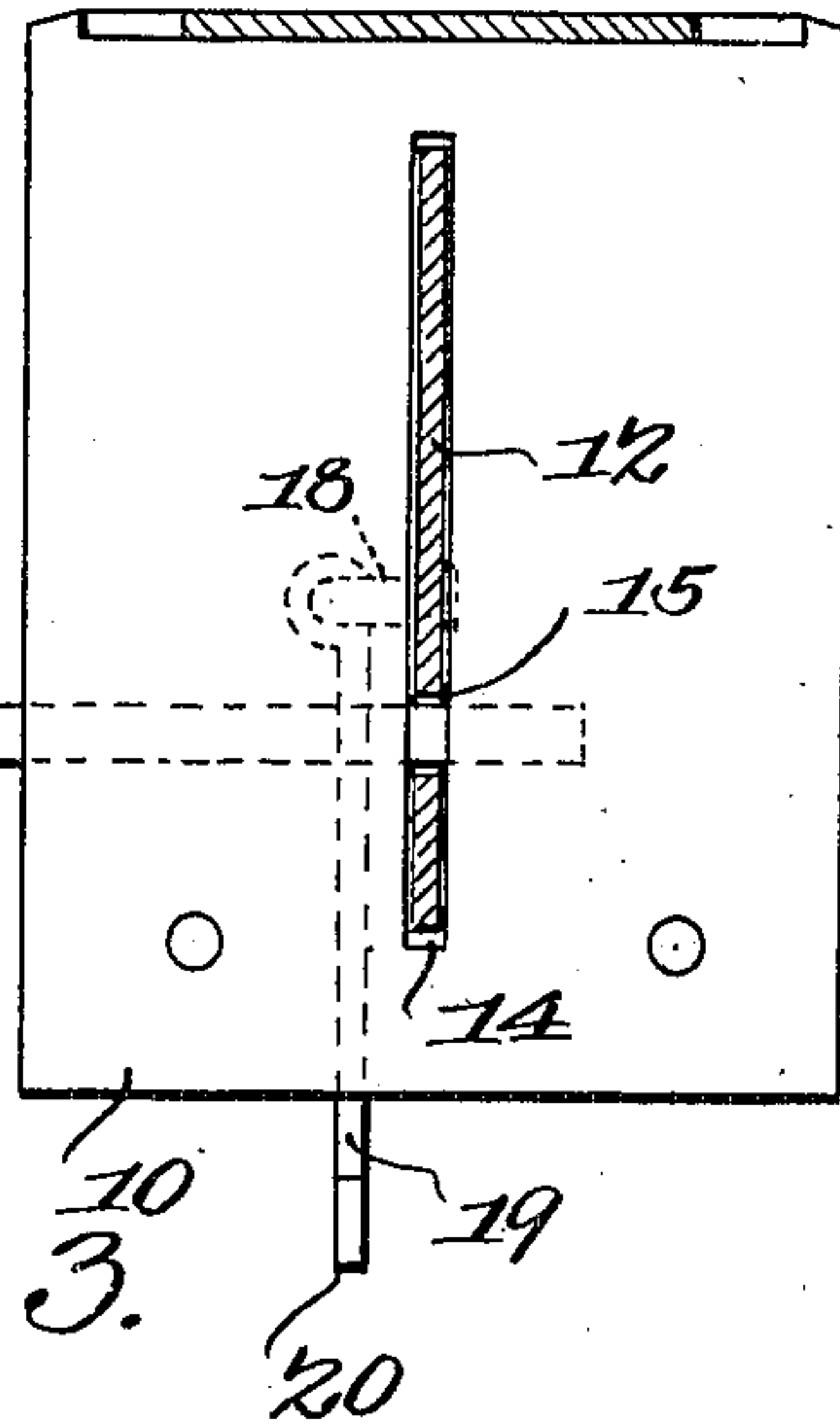


Fig. 3.



Witnesses
E. J. Stewart
L. B. Morrill

Andrew J. Knepley, Inventor.
by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

ANDREW J. KNEPLEY, OF NAPOLEON, OHIO.

SHINGLING-BRACKET.

No. 825,661.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed November 17, 1905. Serial No. 287,850.

To all whom it may concern:

Be it known that I, ANDREW J. KNEPLEY, a citizen of the United States, residing at Napoleon, in the county of Henry and State of Ohio, have invented a new and useful Shingling-Bracket, of which the following is a specification.

This invention relates to shingling-brackets, and has for an object to provide a device of this class embodying new and improved features of convenience, utility, reliability, and efficiency.

A further object of the invention is to provide an improved form of bracket which may be used with equal facility and satisfactory results upon either shingles or slates.

A further object of the invention is to provide a clamp adapted to embrace the butts of adjacent shingles and provided with a standard for supporting a straight-edge, foot-rest, or similar device, said standard being interposed between adjacent shingles and having a spur slidably mounted thereon and adapted to be driven or otherwise embedded in the straight-edge.

A further object of the invention is to provide a plate folded to embrace and clamp the butts of adjacent shingles and having a pivoted hook adapted to slide between the shingles or slates for engagement with the nails or other shingle-fastening means.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of the improved shingling-bracket applied in operative position upon a roof. Fig. 2 is a vertical sectional view of the bracket, taken on line 2 2 of Fig. 1. Fig. 3 is a transverse sectional view taken on line 3 3 of Fig. 2.

Like characters of reference indicate corresponding parts in all of the figures of the drawings.

In its preferred embodiment the improved shingling-bracket forming the subject-matter of this application comprises a plate of resilient material folded to form the upper section 10 and lower section 11. To the lower section is secured the standard 12, as by inserting the standard through a suitable slot in the plate and upsetting or otherwise expanding the metal at said slot. The standard passes loosely through an opening 14 in

the upper section of the plate and is provided with a transverse slot 15, through which is disposed a wedge 16, bearing upon the top section of the plate. The fold of the plate is proportioned to embrace the butts of adjacent shingles, as 17, with the standard extending at right angles to the plates 10 and 11, so that when the wedge is driven home it will clamp the plates firmly in engagement with the two shingles, and thus prevent accidental displacement of the bracket.

Upon one side of the standard is secured the rod 18, upon which is slidably mounted an arm 19, terminating in a right-angularly-disposed spur 20, adapted to engage and hold a straight-edge or foot-rest 21.

At the fold the opposite edges of the plates 10 11 are provided with recesses 22, proportioned to receive a blade 23. The blade 23 is provided with a series of notches 24 along one edge, proportioned to engage the fold of the plates. The blade may be of any desired length and is provided at one extremity with a hook 25, proportioned to slide under a course of shingles or slates and engage one of the nails with which the shingles or slates are secured.

It will not generally be found necessary to use the hook members when using the bracket on wooden shingles, as the shingles being tapered and somewhat elastic offer a firm hold for the clamp. With slates, however, the slabs being of a uniform thickness and non-elastic, it will be found desirable to use the hooks to prevent the clamp from being forced off from the slate.

A plurality of the brackets may be used, the number depending on the size of the roof, and any number of hooks may be used to hold the foot-rest or for holding a straight-edge by which to gage the next course of shingles.

Having thus described the invention, what is claimed is—

1. A shingling-bracket comprising a plate folded to embrace the butts of adjacent shingles, a standard carried by the plate and proportioned to be disposed between the shingles, means carried by the standard for clamping the plate upon the shingles and a bar interposed between the folds of the plates and provided with a terminal hook adapted to engage the fastening devices of the shingles in a succeeding course.

2. A shingling-bracket comprising a plate folded to embrace the butts of adjacent shin-

gles, a standard carried by one fold of the plate and extending through the other fold and proportioned to be disposed between the shingles, means carried by the standard for clamping the plate upon the shingles and means interposed between the folds of the plate and engaging the fastening devices of the shingles in a succeeding course.

3. A shingling-bracket comprising a plate folded to embrace the butt of a shingle, a standard carried by the plate, means for clamping the plate upon the shingle, means carried by the standard to engage and hold a support and means interposed between the folds of the plate and engaging the fastening devices of the shingles in a succeeding course.

4. A shingling-bracket comprising a plate folded to embrace the butt of a shingle, means for clamping the plate upon the shingle and means interposed between the folds of the plate and adapted to engage the fastening devices of the shingles in a succeeding course.

5. A shingling-brace comprising a plate folded to embrace the butts of adjacent shingles, a standard carried by the plate and proportioned to be disposed between the shingles, a wedge carried by the standard to clamp the plate upon the shingles and means interposed between the folds of the plate and adapted to engage the fastening devices of the shingles in a succeeding course.

6. A shingling-bracket comprising a plate folded to embrace the butts of adjacent shingles, a standard carried by the plate and proportioned to be disposed between the shingles, a wedge extending transversely through the standard and arranged to clamp the plate upon the shingle, a rod carried by the standard, a spur mounted and vertically slidable upon the rod and adapted to engage and hold a support and a hook detachably secured to the plate and adapted to engage the fasten-

ing devices of the shingles in a succeeding course.

7. A shingling-bracket comprising a member adapted to embrace the butt of a shingle, and a hook detachably secured to the member and proportioned to engage the nails of shingles in a course above.

8. A shingling-bracket comprising a member adapted to embrace the butt of a shingle, a hook detachably secured to the member and proportioned to engage the nails of the shingles in a course above, and means for adjusting the hook longitudinally.

9. A shingling-bracket comprising a plate folded to embrace the butt of a shingle, means for clamping the plate upon the shingles, a hook detachably secured to the plate and proportioned to engage the nails of the shingles in a course above, and means for adjusting the hook longitudinally.

10. A shingling-bracket comprising a plate folded to embrace the butts of adjacent shingles and provided with a recess formed at the fold, a standard provided with a slot and rigidly secured to one fold of the plate and extending through a slot in the other fold, hook members provided with a series of spaced notches formed along one edge and engaging the fold of the plates within the recess, a wedge disposed within the slot of the standard and proportioned to clamp the plate upon the shingles, a rod carried by the standard, and a spurred arm mounted for sliding movement upon the rod and adapted to engage and hold a support.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ANDREW J. KNEPLEY.

Witnesses:

DENNIS D. DONOVAN,
LEAH LONG.