

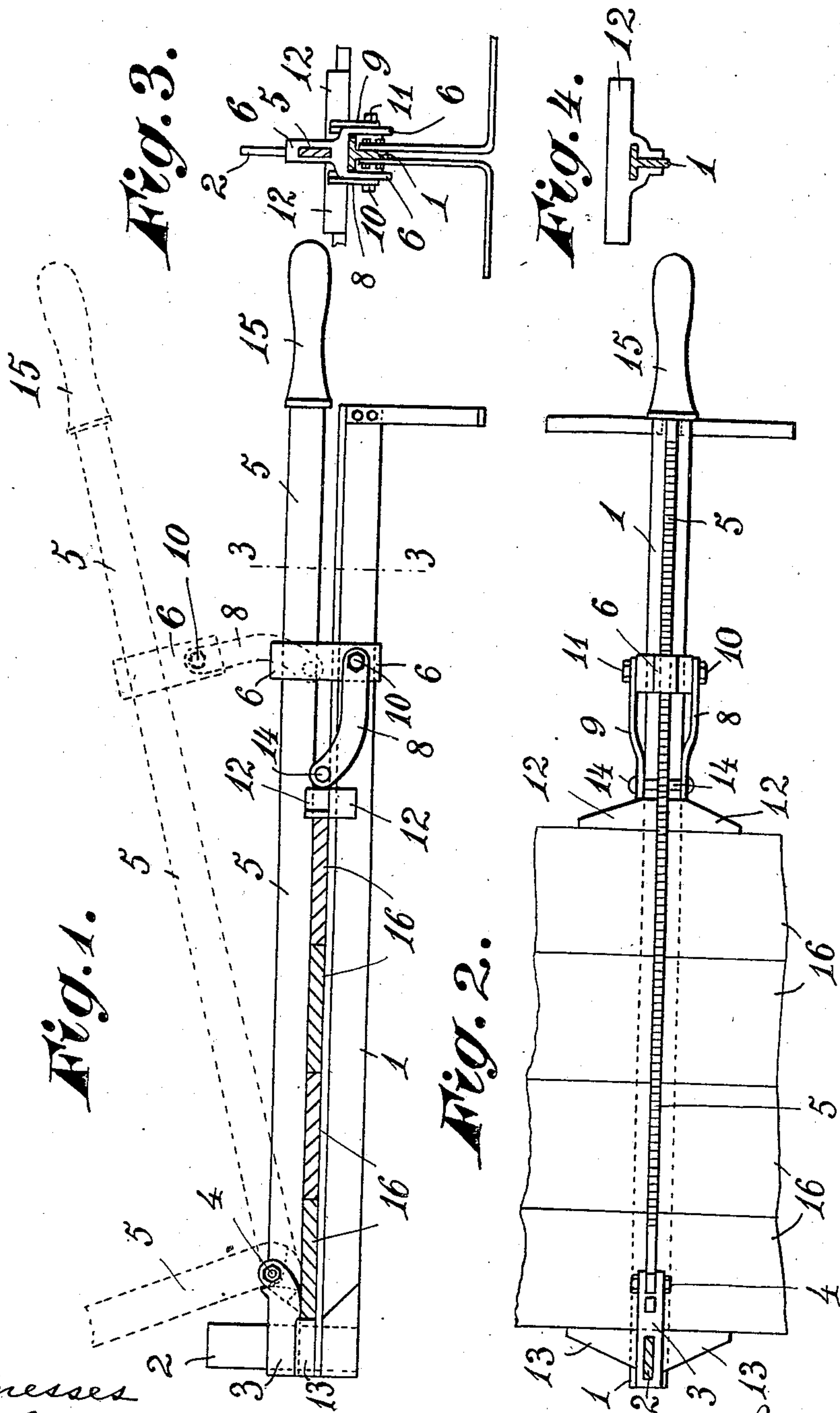
No. 886,613.

PATENTED MAY 5, 1908.

C. KROGH.

MEANS FOR CLAMPING JOINERY WORK.

APPLICATION FILED FEB. 21, 1907.



Witnesses

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CHRISTIAN KROGH, OF STAVANGER, NORWAY.

MEANS FOR CLAMPING JOINERY-WORK.

No. 886,613.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed February 21, 1907. Serial No. 358,604.

To all whom it may concern:

Be it known that I, CHRISTIAN KROGH, a subject of the King of Norway, residing at Stavanger, Norway, have invented certain new and useful Improvements in Means for Clamping Joinery-Work; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to means for pressing or clamping articles such as boards, panels etc. tight together while being glued, and my invention consists in certain combination of parts, whereby the articles may be held firmly and pressed both in the direction of the plane of the same as well as perpendicularly thereto.

In the accompanying drawings Figure 1 shows a side view and Fig. 2 a ground plan of the implement. Fig. 3 is a cross section on line 3—3 Fig. 1 and Fig. 4 is a detail.

1 is a guide bar of T-section. At one end is a standard 2 on which slides a piece 3 having a bolt 4 which serves as pivot for the presserarm 5. On the latter is adjustably mounted a presserhead 6, from the branches of which are suspended pusherarms 8, 9 connected at the other end with a stay 14, by way of which the so formed link may rest on the guidebar. On the latter is placed a sliding piece 12 (shown in Fig. 4). It will be seen that when the wood pieces 16 are placed on the guidebar 1 against the foot 13 and the presserhead 6 is suitably adjusted on the presserarm, a very effective pressure may be exerted on the boards by moving the presserarm 5 down till it rests on the

boards. As the pivot 10 is below the point 14 the arm 5 will in this position be held tightly down on the boards, the link 8 acting as a toggle joint.

The presserhead 6 is held on its place on the arm 5 by friction; the arm may also be notched on its edges to give it a better hold on the presserhead.

I claim:

1. In an implement for clamping joinery work the combination with a guide-bar, and a stationary and a movable presser-foot on the same, of a presser-arm adapted to press the workpiece down on to the guide bar, an adjustable presser-head on the presser-bar, and a link connected with the presser-head and adapted to be pushed against the movable presser-foot by a swinging movement of the presser-arm, so as to press the workpiece in a direction parallel to the guide-bar.

2. In a device of the character described, the combination with a guide-bar, a standard at one end thereof, and a piece slidably mounted on the standard, of a presser-arm adapted to press the workpiece down on the guide-bar and being pivoted to the said sliding piece on the standard, a presser-head adjustably mounted on the presser-arm, a presser-foot slidably mounted on the guide-bar, a stationary presser-foot on the latter, and means intermediate the presser-head and the said sliding presser-foot adapted to move the latter along the guide-bar and clamp the workpiece between said sliding presser-foot and the stationary presser-foot.

In testimony that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

CHRISTIAN KROGH.

Witnesses:

MORTEN HORTENSEN,
CARL THORSEN.