

A. FORTUNA.
 LOOM TEMPLE.
 APPLICATION FILED AUG. 17, 1908.

929,417.

Patented July 27, 1909.

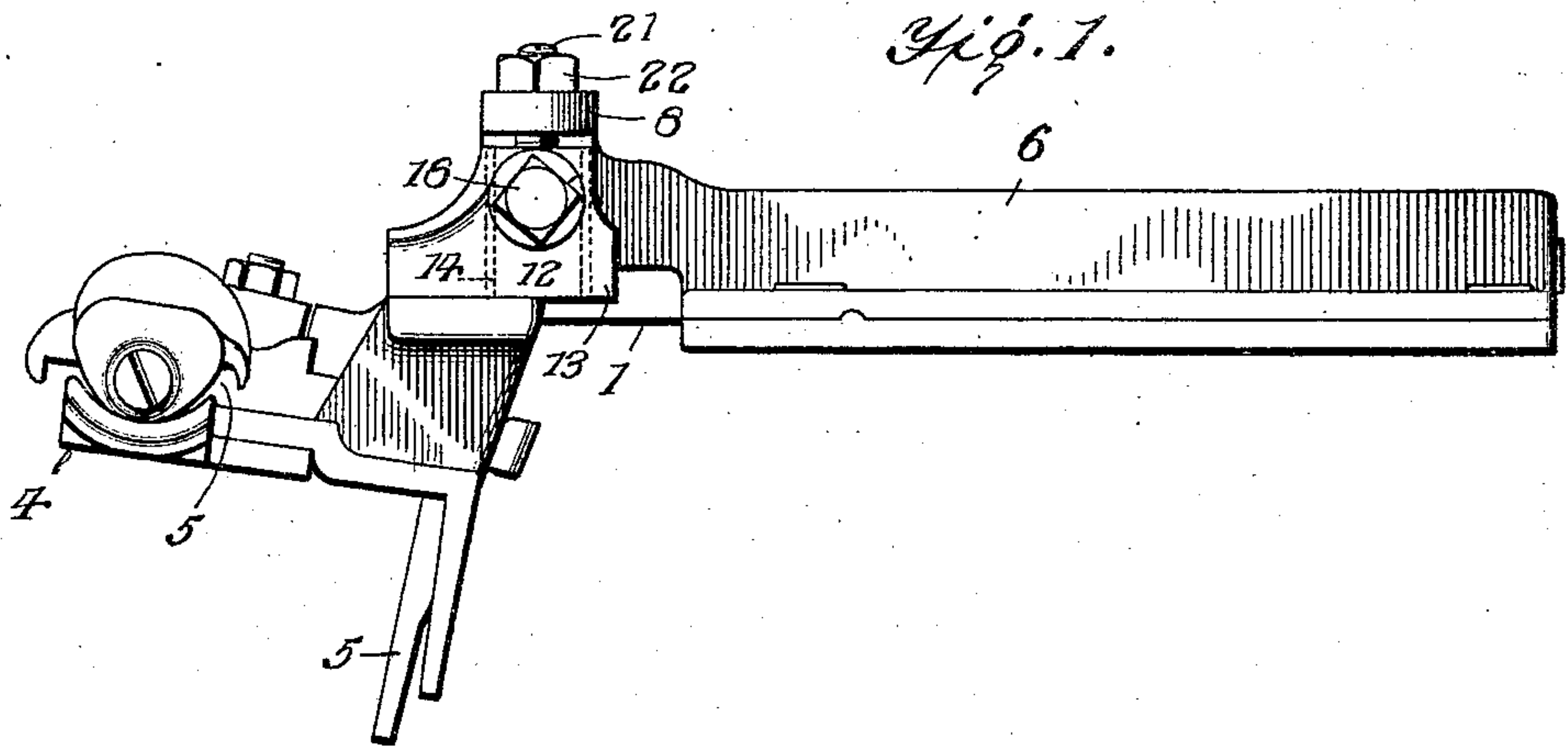


Fig. 2.

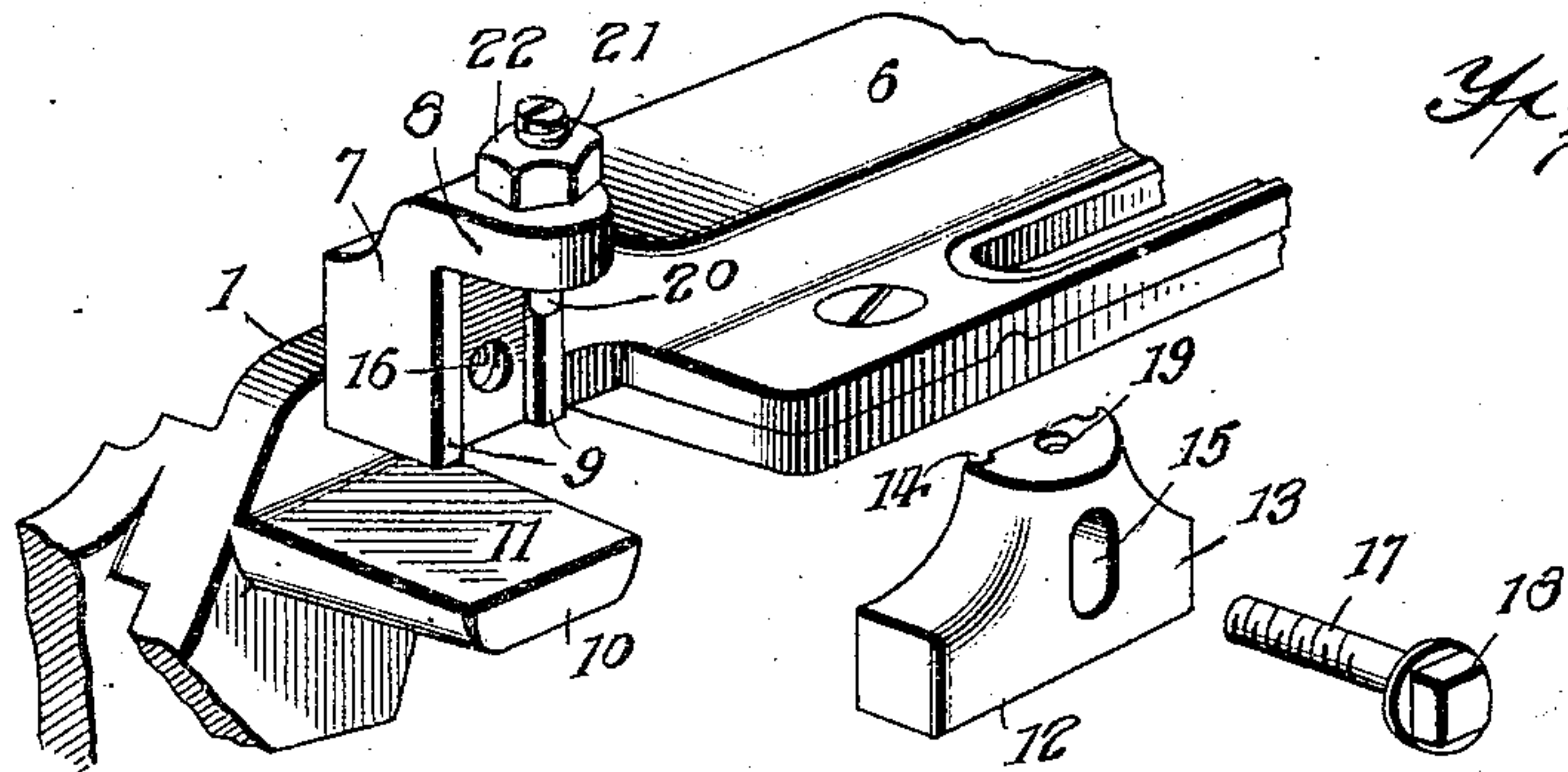
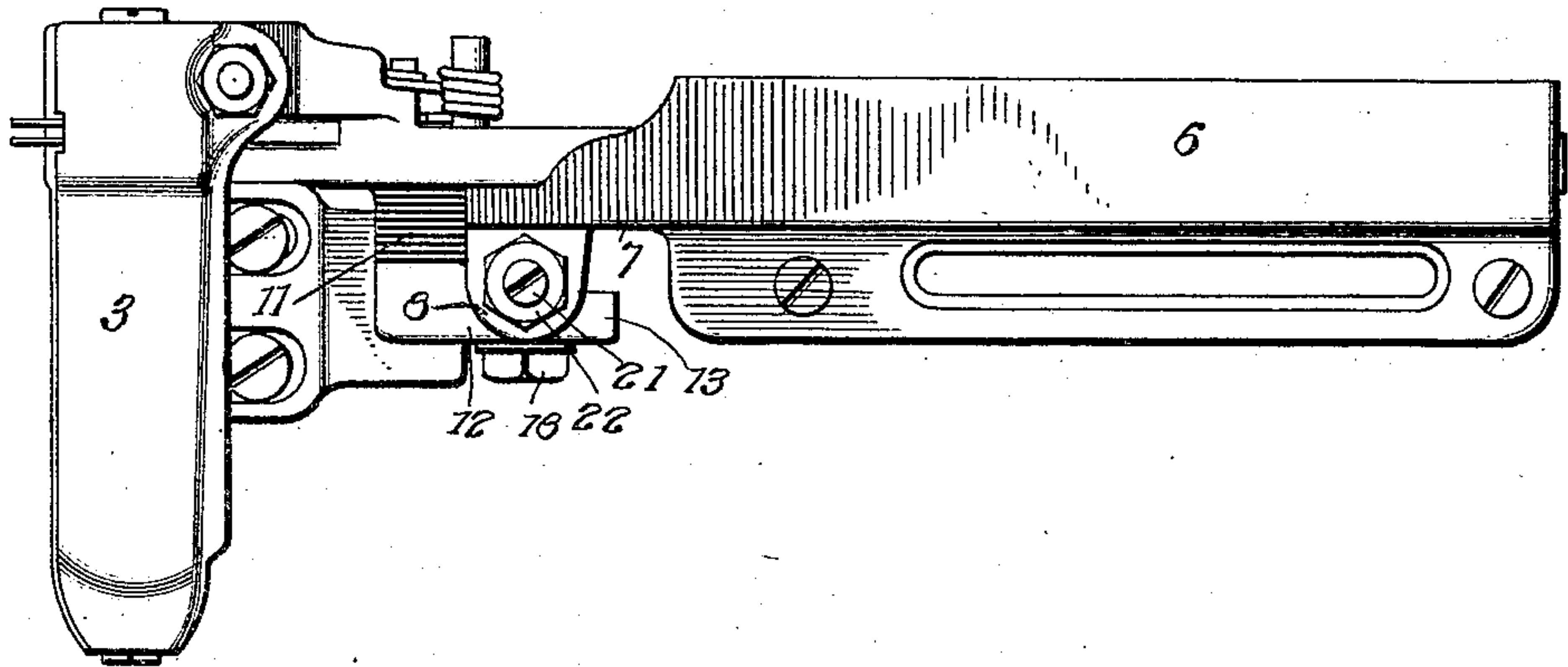


Fig. 3.

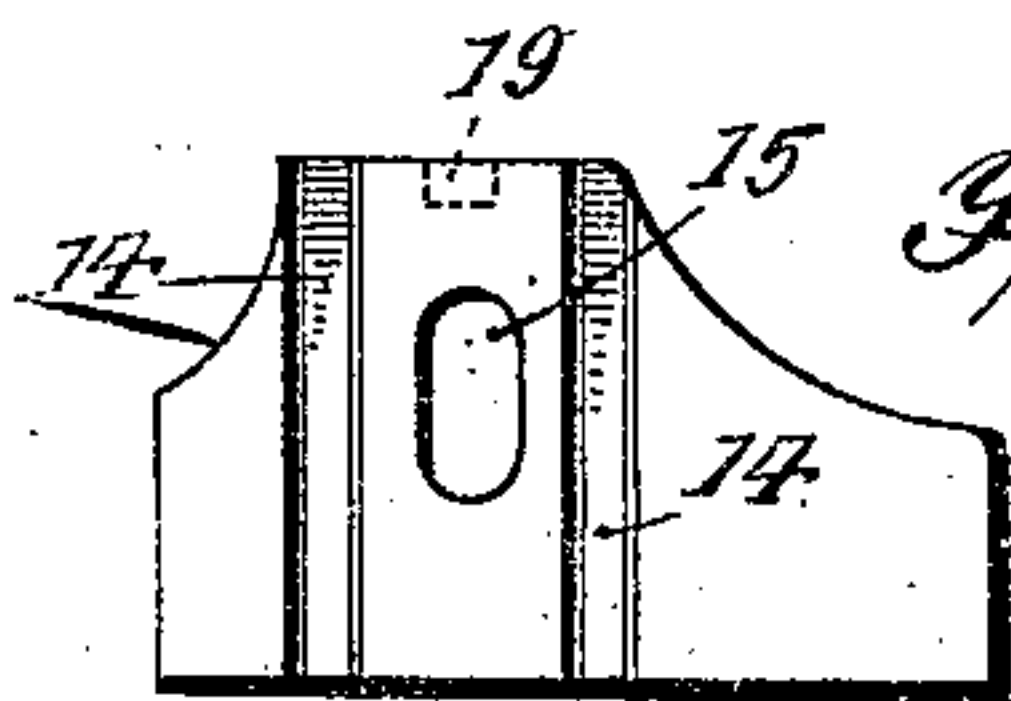


Fig. 4.

WITNESSES
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LOOM-TEMPLE.

No. 929,417.

Specification of Letters Patent.

Patented July 27, 1909.

Application filed August 17, 1908. Serial No. 448,766.

To all whom it may concern:

Be it known that I, ADAM FORTUNA, a subject of the Emperor of Austria-Hungary, and a resident of Manchester, in the county of Hillsboro and State of New Hampshire, have invented certain new and useful Improvements in Loom-Temples, of which the following is a specification.

My invention is an improvement in loom temples, and consists in certain novel constructions and combinations of parts hereinafter described and claimed.

Referring to the drawings forming a part hereof Figure 1 is a side view of the improved temple. Fig. 2 is a plan view. Fig. 3 is a perspective view of a portion of the temple showing the improvement in detail, and Fig. 4 is a side view of one of the elements of the improvement.

In the present embodiment of my invention, the shank or slide bar 1 of the temple carries at its rear end the usual cap 3, and trough 4, containing the usual bur roll. The slide bar is also provided with the heel 5 for receiving the pressure of the lay, as the latter advances toward the breast beam. The slide bar is movable in the stand 6, which stand is provided at its rear end with an integral extension 7, having an overhanging lug 8, provided with an opening therethrough, and the face of the extension is provided with spaced ribs 9 as shown in Fig. 3. The slide bar is provided with a lateral lug 10, having a smooth flat upper face 11, with which coöperates the flat base 12 of a bar or block 13. The bar is provided on its inner face with parallel vertical grooves 14, for engaging the ribs 9, and with a slot 15, which registers with a screw threaded opening 16 in the extension, and a set screw 17 provided with a head 18 passes through the slot and is threaded into the opening 16. The upper face of the bar is provided with an opening 19, for receiving the lower end of a pin 20, threaded through the lug 8 before mentioned, and the upper threaded end of the pin, is engaged by a nut 22 above the lug. As is well known, the slide bar in its movement has a torsional force exerted thereon, by the contraction of the cloth acting upon the bur roll. This torsional force causes the bar to

be worn unequally and it soon becomes loose in the stand so that it will turn upon its longitudinal axis into a tipped position. This tipping of the temple is undesirable for which reason they are discarded.

The present invention prevents the unequal wearing of the slide bar, and prevents the tipping even when the slide bar is already worn. When the slide bar becomes worn so that there is a tendency of the bur roll to tip downwardly at its outer end, the bar 13 is lowered toward the lug 10 to correct the tipping after which it is secured in place by the set screw 18. The engagement of the bar with the lug assists in supporting the torsional pull, the contact between the bar and the lug being nearer the point where the force is exerted on the bur roll, than the slide bar, and making the leverage of the resisting force more nearly equal to the leverage of the opposing force.

I claim:

1. The combination with the stand and the slide bar slidable therein, and provided with a trough, said slide bar having a lug projecting in the direction of the trough, the stand being provided with a rearward extension having a lug overlying the lug of the slide bar, said extension being provided in its outer face with parallel ribs forming guide ways, and a block having grooves engaged by the ribs, said block having a vertical slot, and a set screw traversing the slot and threaded into the outer face of the extension, and a set screw threaded through the overlying lug and engaging the top of the block.

2. A temple for looms, comprising a stand provided with a slide bar having a laterally projecting lug, said stand being provided with an extension above the lug, the outer face of the extension being provided with ribs, and a block having grooves engaged by the ribs, said block being provided with a transverse slot, and a set screw traversing the slot and threaded into the extension whereby to adjust said block toward and from the lug.

3. In a loom temple, a slide bar having a lug, projecting in the direction of the bur roll, and a stand having an extension overlying the lug, and a block on the extension ad-

justable toward and from the lug of the slide bar.

4. In a loom temple, a slide bar provided with a laterally projecting lug, a stand having an extension overlying the lug, and means in connection with the stand and movable toward and from the lug for retaining

the stand and the slide bar in adjusted position.

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