

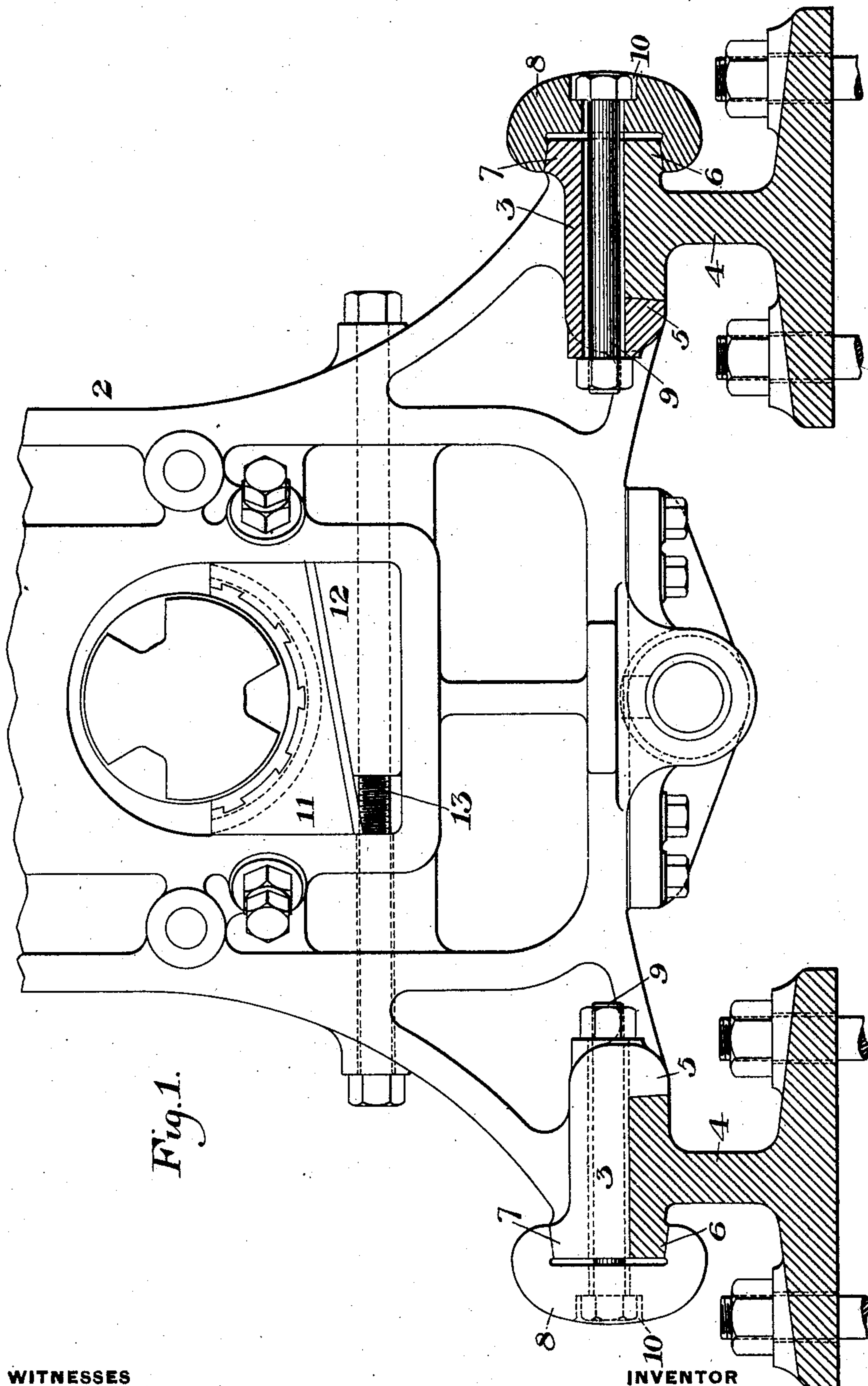
No. 721,047.

PATENTED FEB. 17, 1903.

J. KENNEDY.
ROLL HOUSING SUPPORT.
APPLICATION FILED SEPT. 30, 1901.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES

C. P. Byrnes
A. M. Corwin

INVENTOR

Julian Kennedy

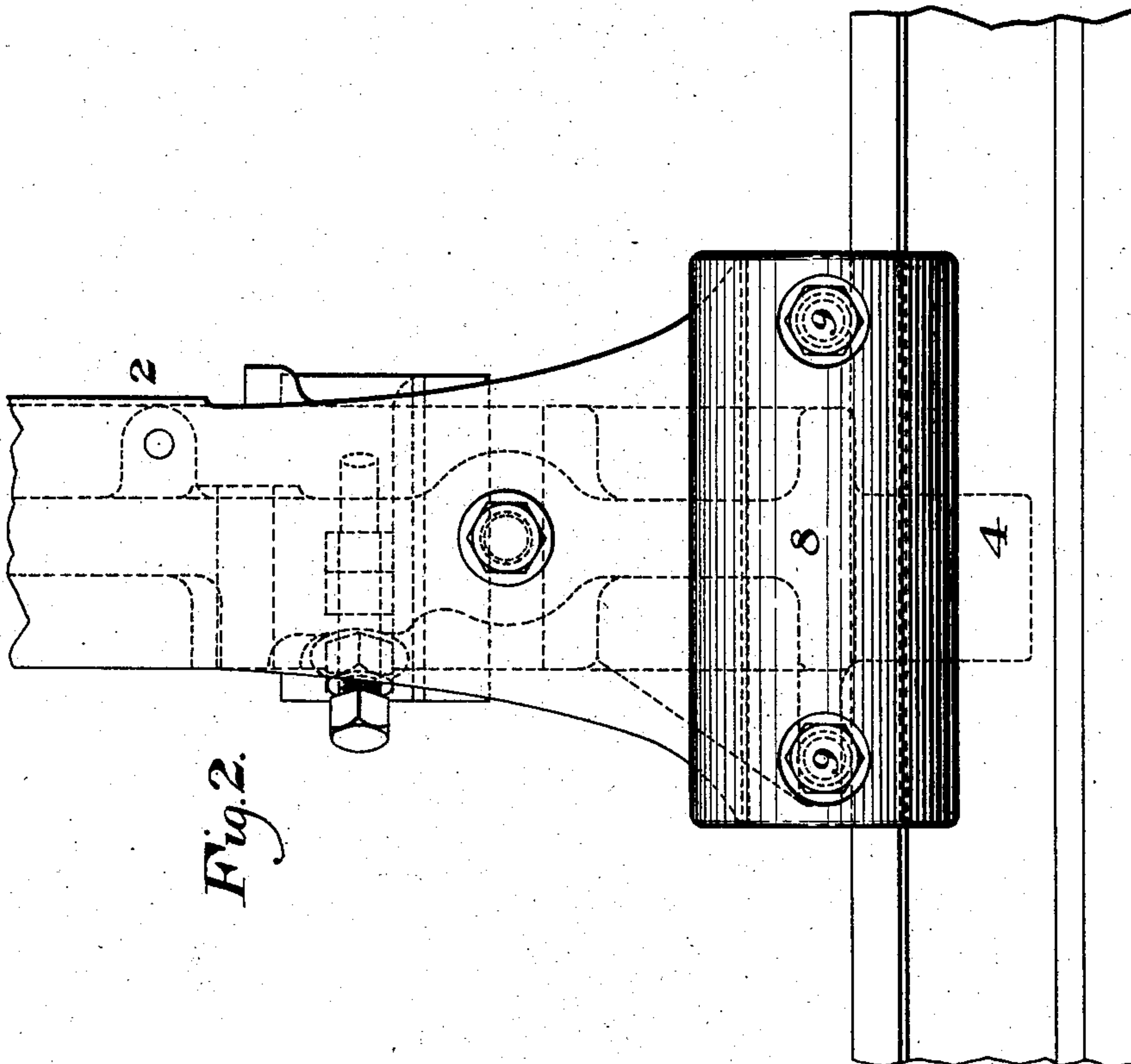
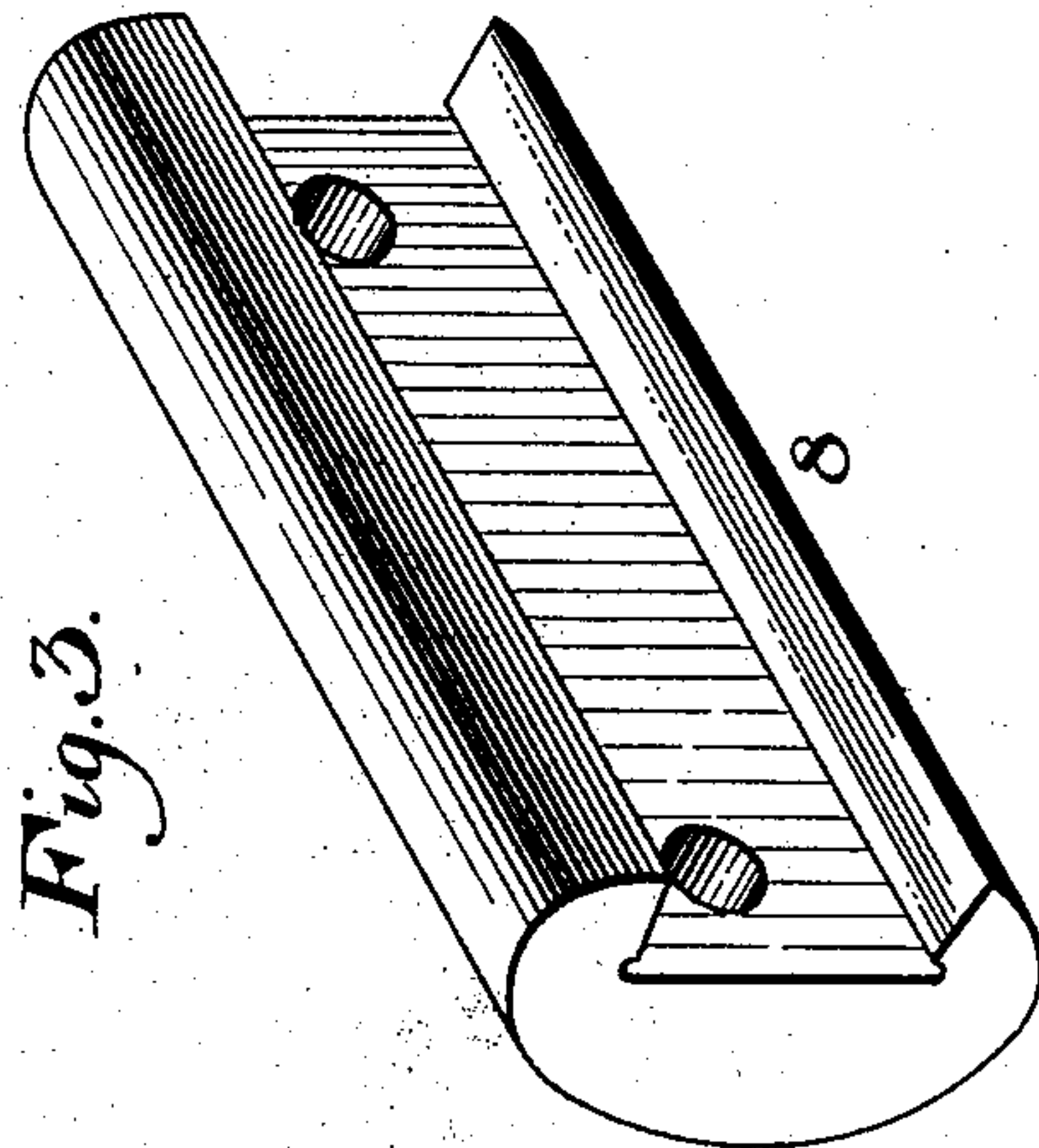
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H. M. Corwin

INVENTOR

Julian Kennedy

UNITED STATES PATENT OFFICE.

JULIAN KENNEDY, OF PITTSBURG, PENNSYLVANIA.

ROLL-HOUSING SUPPORT.

SPECIFICATION forming part of Letters Patent No. 721,047, dated February 17, 1903.

Application filed September 30, 1901. Serial No. 76,983. (No model.)

To all whom it may concern:

Be it known that I, JULIAN KENNEDY, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Roll-Housing Support, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an end elevation, partly in section, showing a portion of a roll-housing provided with my improved roll and clamp. Fig. 2 is an end elevation of the same, and Fig. 3 is a detail perspective view of the clamping-shoe I employ.

My invention relates to the securing of roll-housings to their supports and is designed to overcome the difficulties incident to the clamping means heretofore employed. These housings are usually held to the transverse support or rails by means of vertical bolts, the heads of which are held within T-shaped grooves in their supports, and under the heavy shocks and strains to which the housings are subjected the heads of the bolts and grooves soon become worn or rounded and necessitate repair or replacing.

My invention consists in providing a transverse shoe which engages the foot of the housing and also the support and which may be adjusted to take up wear and will securely clamp and hold the housing in place.

In the drawings, 2 represents a roll-housing having on each side a foot 3, which is recessed to fit neatly upon the T-shaped head of the transverse support 4. This recessing forms a shoulder 5, which fits against the inner face of the head of the support, and this shoulder preferably extends the entire length of the foot. The lower face of the outer flange 6 of the support and the upper face 7 of the foot of the housing are preferably tapered or beveled, as shown in Fig. 1, and these beveled faces are engaged by corresponding inner faces upon a shoe 8, which is recessed, as shown, to fit thereover. At the inner end of the shoe-recess the space is slightly enlarged to give freedom in adjustment, and the shoe is drawn to its place and secured by bolts 9 9,

which extend through the shoe and through horizontal holes in the foot, as shown in Figs. 1 and 2. The shoes are preferably externally recessed to receive the heads of the bolts, as shown at 10, the nuts being applied at their inner ends. I have shown the lower roll as having bearing 11, which is vertically adjustable by means of a wedge-shaped support 12, which may be adjusted by through-bolt 13, having threaded engagement with the hole extending through the wedge.

The advantages of my invention result from the use of the shoe which engages the foot and the end of the support. This shoe presents a large area in its engaging faces, which preferably extend the entire width of the foot, and thus greatly reduces the liability of loosening or rocking. The coacting inclined faces of the shoe, the foot, and the support give a powerful clamping action and render the device easy in adjustment.

Many variations may be made in the form of the housing, the supports, the shoes, and their securing means without departing from my invention.

I claim—

1. The combination with a support, of a housing-foot having an inner shoulder bearing against the support, and clamping mechanism comprising a separate outer transverse shoe engaging the foot and support and having coacting inclined faces, and devices extending through the foot for securing the foot in place; substantially as described.

2. A housing-foot having a transverse recess with an inner shoulder, a support having a head fitting in said recess, a transverse shoe having inner inclined faces engaging corresponding faces upon the housing-foot and the head of the support, and horizontally-extending bolts arranged to secure the shoe in position; substantially as described.

In testimony whereof I have hereunto set my hand.

JULIAN KENNEDY.

Witnesses:

C. P. BYRNES,
GEO. B. BLEMING.