

C. H. LETTERMAN.
SUPPORT FOR CLOTHES WRINGERS.
APPLICATION FILED SEPT. 16, 1908.

944,884.

Patented Dec. 28, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

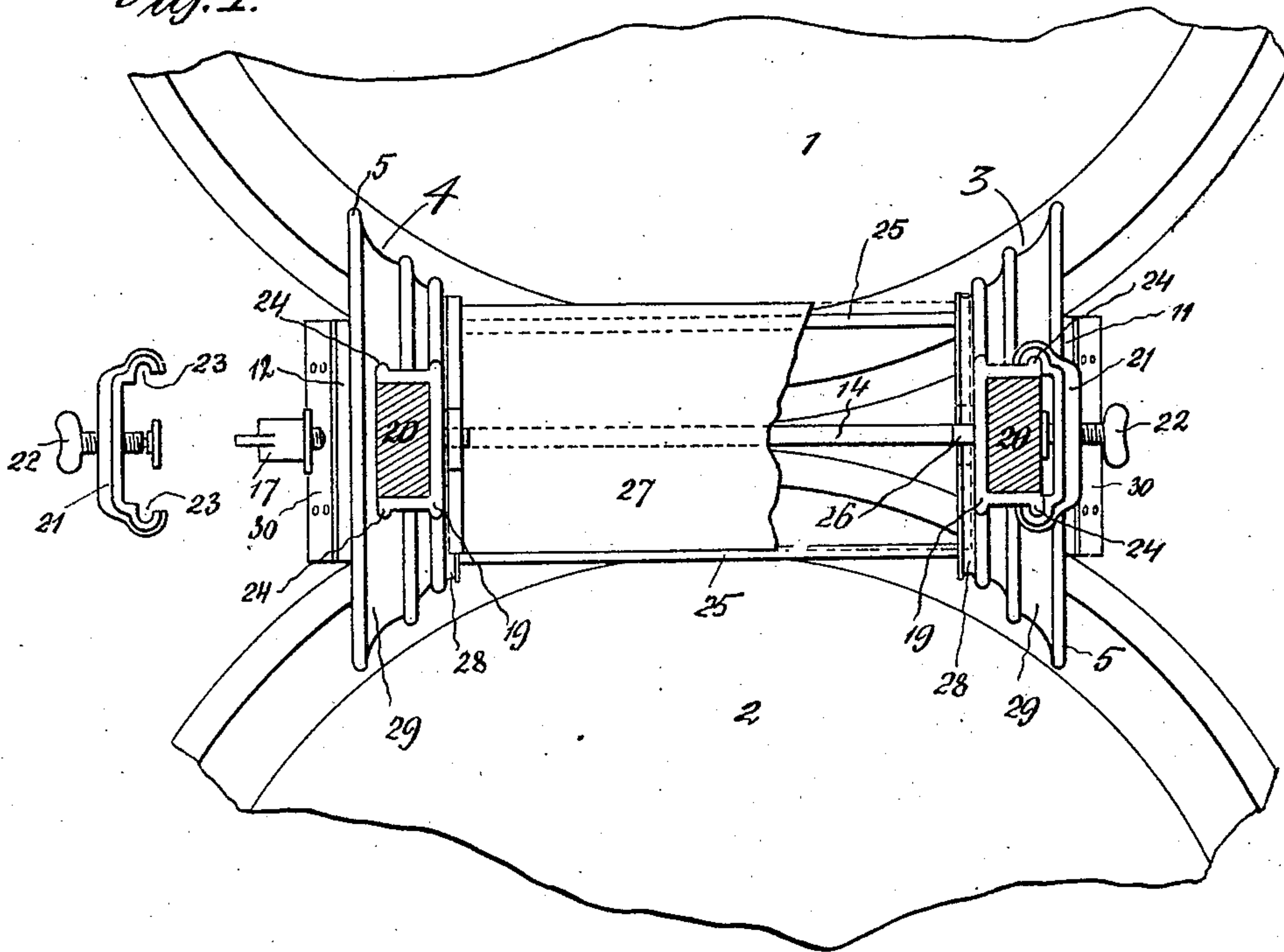
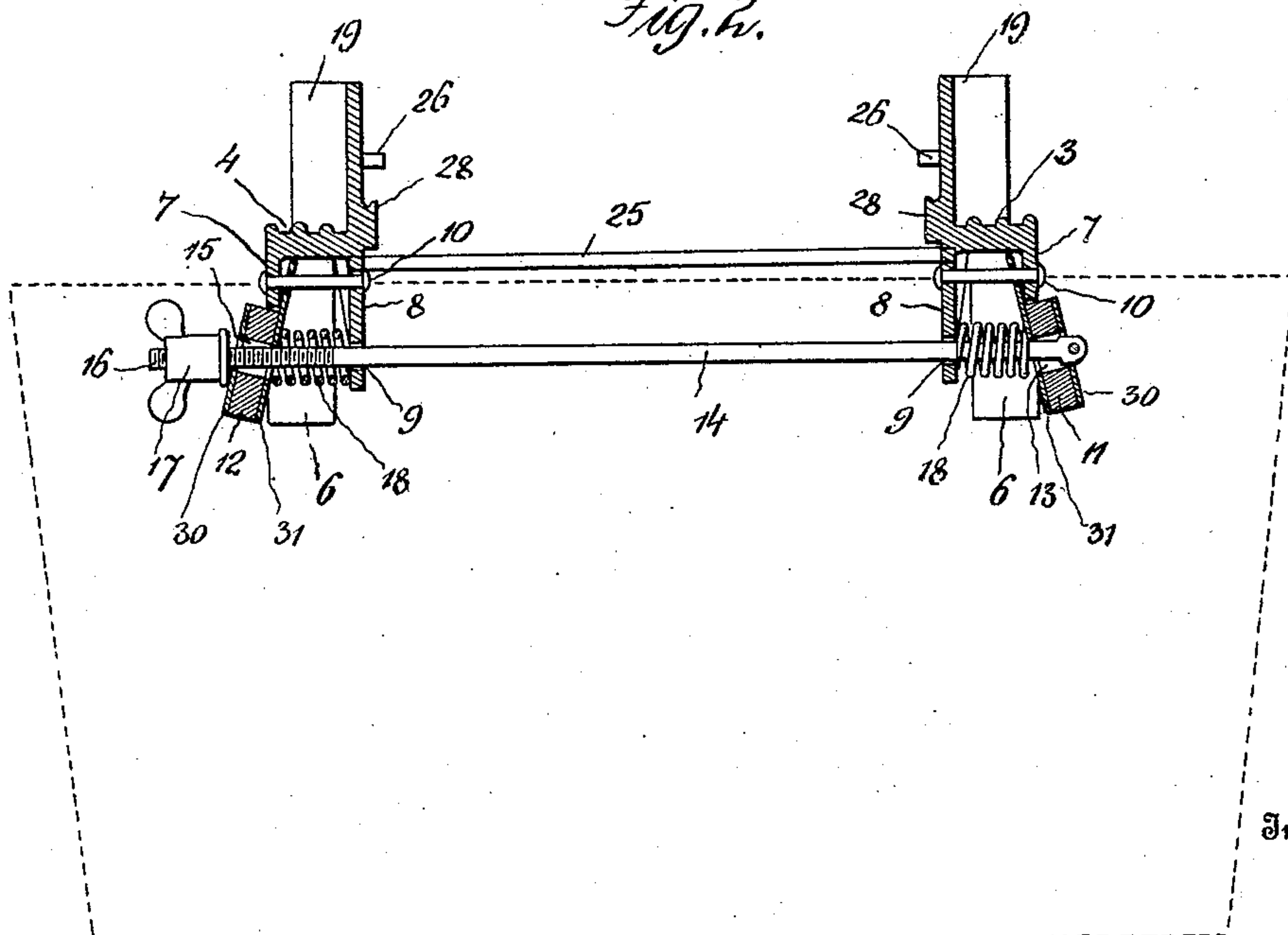


Fig. 2.



Inventor

Witnesses

A. H. Rabsag,
A. H. Butler

C. H. LETTERMAN

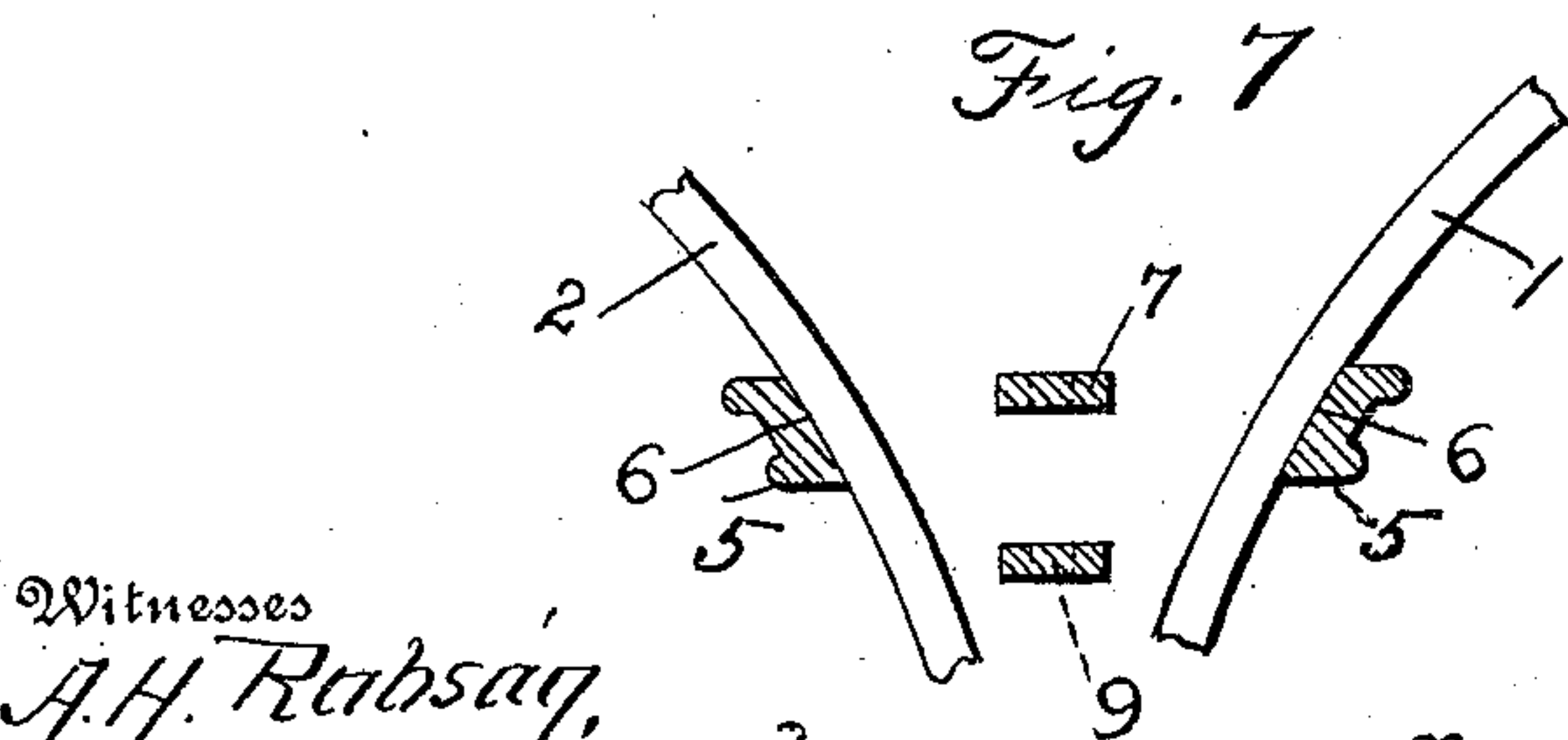
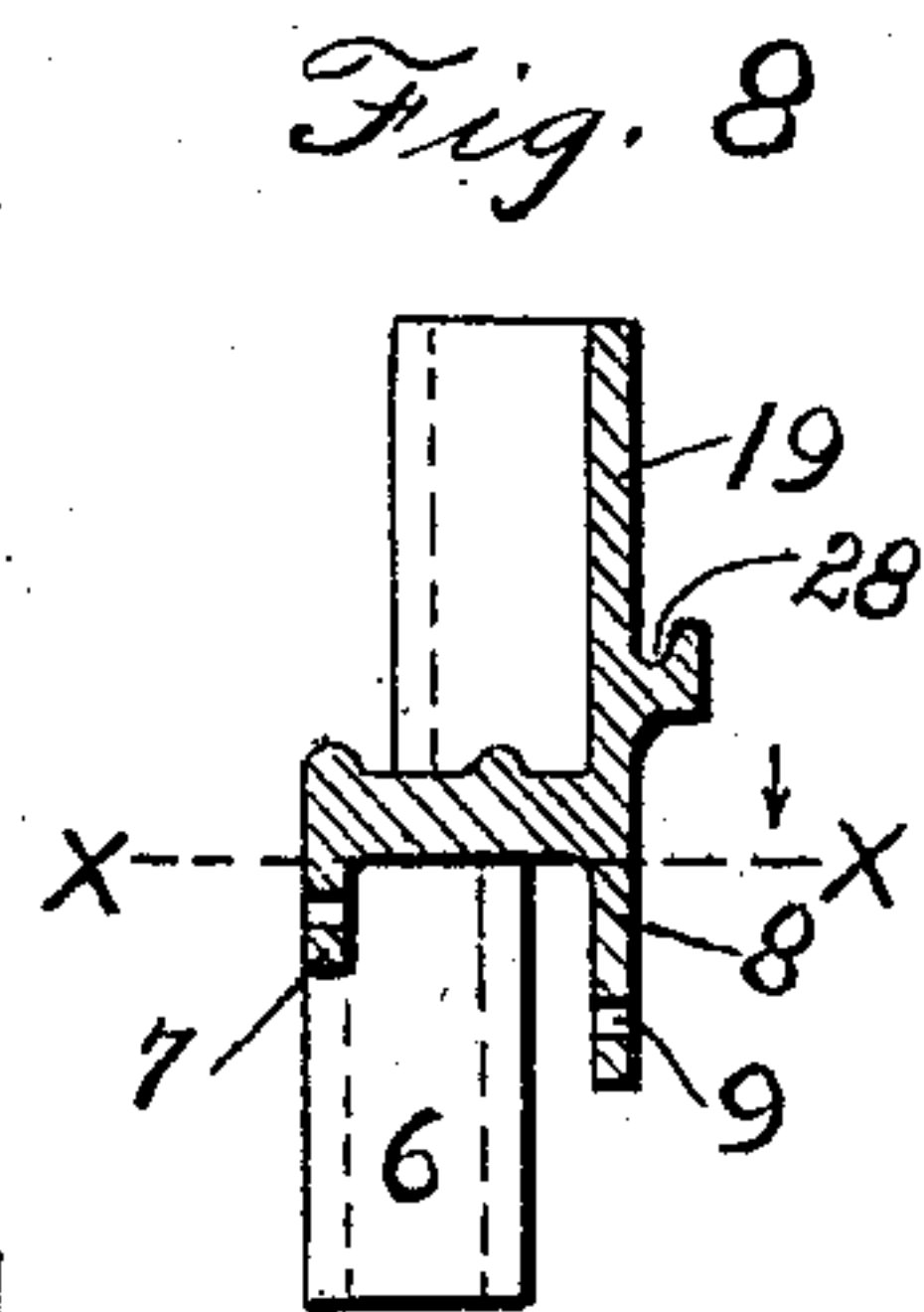
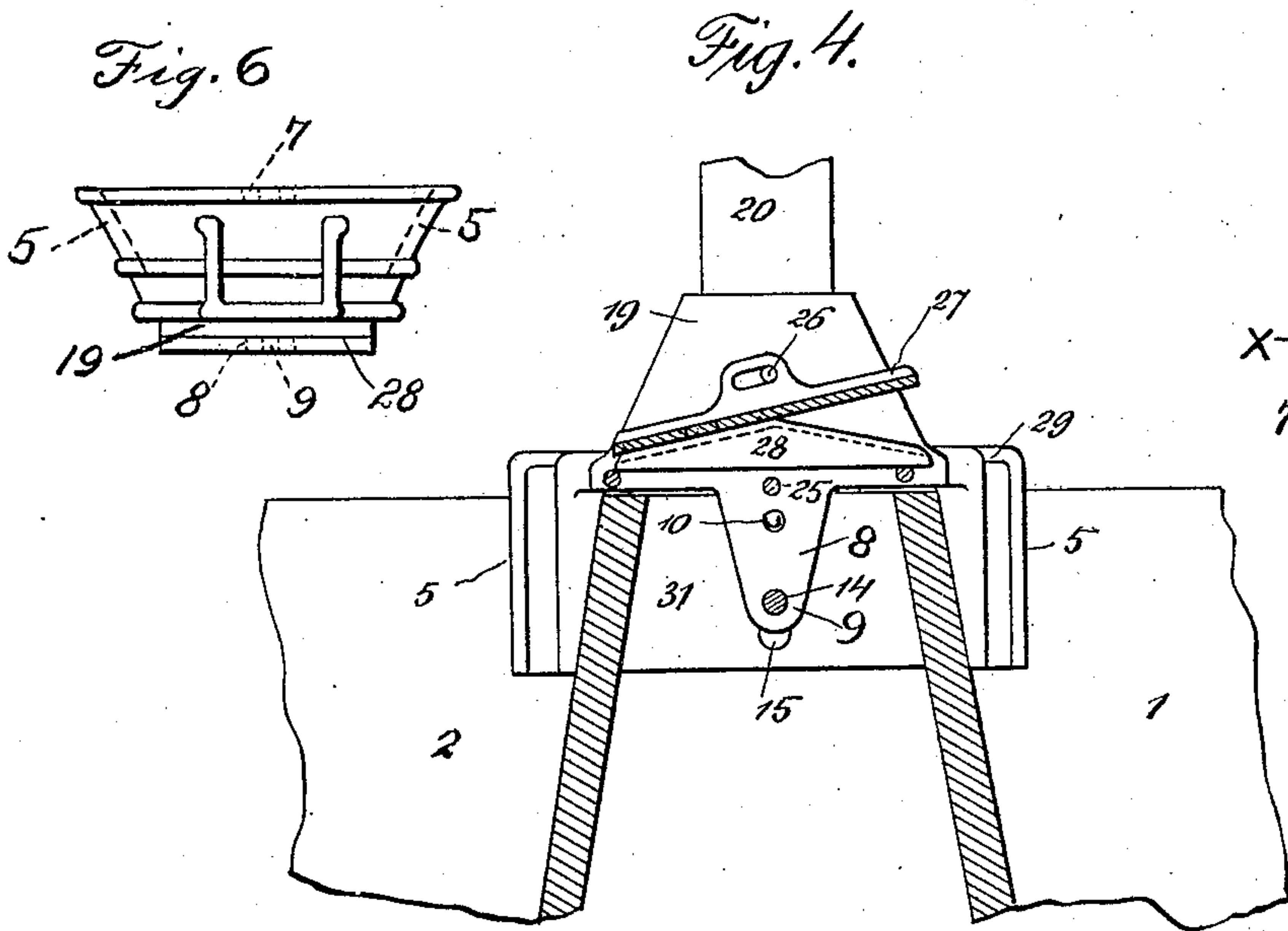
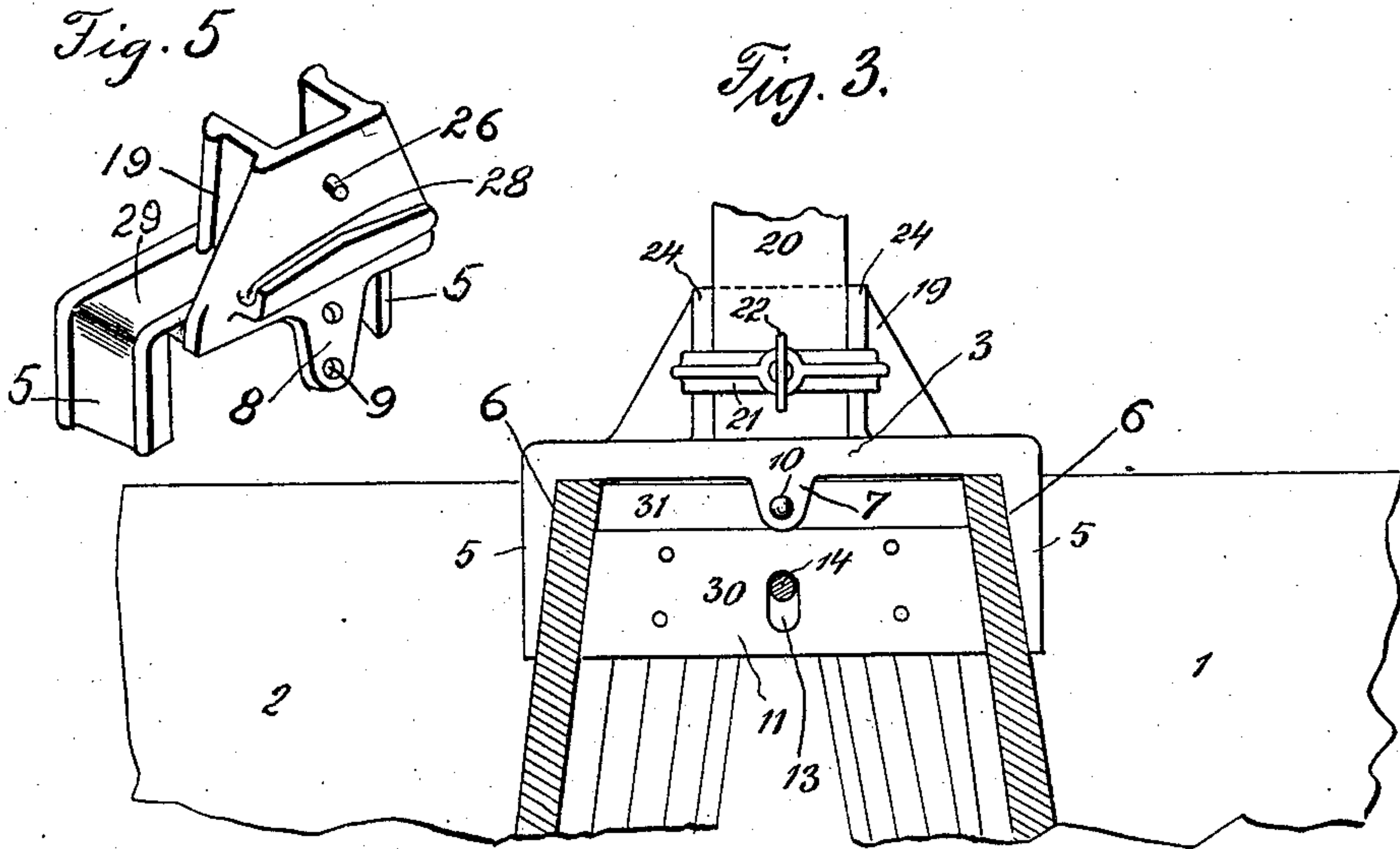
By H. C. Everett
Attorneys

C. H. LETTERMAN.
SUPPORT FOR CLOTHES WRINGERS.
APPLICATION FILED SEPT. 16, 1908.

944,884.

Patented Dec. 28, 1909.

2 SHEETS—SHEET 2.



Witnesses
A. H. Rabson,
R. H. Butler

Inventor
C. H. LETTERMAN

By H. C. Ewert & Co.
Attorneys

UNITED STATES PATENT OFFICE.

CHARLES H. LETTERMAN, OF PITTSBURG, PENNSYLVANIA.

SUPPORT FOR CLOTHES-WRINGERS.

944,884.

Specification of Letters Patent.

Patented Dec. 28, 1909.

Application filed September 16, 1908. Serial No. 453,214.

To all whom it may concern:

Be it known that I, CHARLES H. LETTERMAN, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Supports for Clothes-Wringers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a support for clothes wringers, and the primary object of my invention is to provide a wringer support that is used in connection with two tubs or receptacles, whereby the water or matter extracted from the clothes by the wringer can be deflected into either tub or receptacle.

Another object of my invention is to provide a novel wringer support that can be easily and quickly clamped to receptacles or tubs, to support a clothes wringer in a convenient location to facilitate the work of a wash woman.

In devising my clothes wringer, I have aimed to obviate the necessity of a washer woman continuously changing the waters in wash tubs. As an instance of this, I can place the wringer upon two tubs, one containing bluing water and one fresh water. I can wring the clothes directly from the blue water into the fresh water without the blue water dripping from the wringer entering the tub containing fresh water. This is simply one instance how my wringer support facilitates the work of a washer woman.

The above objects are accomplished by a wringer support that will now be described in detail, and claimed.

In the drawings, Figure 1 is a plan of my wringer support mounted upon the upper edges of two tubs, with one of the clamps thereof detached, Fig. 2 is a longitudinal sectional view of the wringer support, Fig. 3 is a side elevation of the same partly broken away and partly in section, Fig. 4 is a cross sectional view of the wringer support, Fig. 5 is a perspective view of the bracket, Fig. 6 is a top plan of the bracket, Fig. 7 is a sectional plan on line $x-x$, Fig. 8 and, Fig. 8 is a cross sectional view of the bracket.

In the accompanying drawings 1 and 2 designate two wash tubs positioned side by side. Upon the upper edges of these two tubs are mounted two brackets 3 and 4 hav-

ing depending arms 5 having angular faces 6 for engaging the inner sides of the tubs.

The brackets are provided with depending flanges 7 and with depending central tongues 8, the latter having openings 9 formed therein. Mounted centrally of the flanges 7 and the tongues 8 are bolts 10, and loosely mounted upon said bolts are clamping blocks 11 and 12 for engaging the outer sides of the tubs 1 and 2, as best shown in Fig. 3. Pivotaly secured at the outside of the opening 13 formed in the block 11 is a tie rod 14 extending through the openings 9 of the tongues 8 and through an opening 15 provided therefor in the block 12. The end of the rod 14 is threaded, as at 16 for a winged thumb nut 17.

Interposed between the blocks 11 and 12 and the tongues 8 and encircling the tie rod 14 are coil springs 18 for normally holding the clamping blocks in an open position.

The brackets 3 and 4 are provided with upwardly extending channel shaped housings 19 for the wringer standards 20 which are held in the housings 19 by clamps 21 provided with adjustable set screws 22. These clamps are provided with confronting grooves 23 adapted to receive the vertical ribs 24 of the housings.

The confronting faces of the brackets 3 and 4 are connected by braces 25 and are provided with trunnions 26 upon which are loosely mounted slotted offsets of a deflector pan 27, whereby said pan can be tilted toward the tub 2 or toward the tub 1. The brackets directly beneath the trunnions 26 are formed with ledges 28, angle shape in cross-section, whereby the construction of each ledge, in connection with the bracket will provide a groove for deflecting the water into the tubs. The vertical portion of each ledge has its top edge inclining upwardly from each end toward the center and the groove formed between the ledge and the bracket inclines in a manner similar to that of the vertical portion of the ledge. The inclination of the groove in said manner will cause the water to be deflected in either tub. The top of the brackets 3 and 4 are grooved, as at 29, for the same purpose. The clamping blocks 11 and 12 are faced with metallic plates 30 and 31, the plate 31 loosely holding the blocks upon the bolts 10.

To place the wringer support upon the upper edges of the tubs, the nut 17 is adjusted to permit of the clamping blocks as-

suming an open position. The arms 5 can then be placed downwardly upon the inner sides of the tubs 1 and 2, and the nut 17 adjusted to move the clamping blocks into engagement with the outer sides of the tubs, whereby the upper edges of the tubs will be firmly gripped between said blocks and said arms. The pan 27 can then be tilted to deflect the dripping from the clothes wringer into either tub.

The clothes wringer support in its entirety, with the exception of the body of each clamping block, is constructed of light and durable metal capable of firmly supporting a clothes wringer during the operation of the same.

While in the drawings forming a part of this application there is illustrated the preferred embodiments of my invention, I would have it understood that the elements thereof can be varied or changed, as to the shape, proportion, and manner of assembly, without departing from the scope of the invention as claimed.

Having now described my invention, what I claim as new, is;—

1. In combination a pair of brackets adapted to fit downwardly upon the upper edges of a pair of tubs, spring pressed clamping blocks carried by said brackets for engaging the outer sides of said tubs, a tie rod extending through said blocks and connecting with one of said blocks, a nut screwed upon said rod for adjusting said clamping blocks, housings carried by said brackets for the standards of a clothes wringer, clamps mounted upon said housings, clamping screws carried by said clamps, and braces connecting said brackets.

2. In combination a pair of brackets adapted to fit downwardly upon the upper edges of a pair of tubs, spring pressed clamping blocks carried by said brackets for engaging the outer sides of said tubs, a tie rod extending through said blocks and connecting with one of said blocks, a nut

screwed upon said rod for adjusting said clamping blocks, housings carried by said brackets for the standards of a clothes wringer, and clamps mounted upon said housings, clamping screws carried by said clamps, and a grooved ledge carried by each housing.

3. In combination a pair of brackets adapted to fit downwardly upon the upper edges of a pair of tubs, spring pressed clamping blocks carried by said brackets for engaging the outer sides of said tubs, a tie rod extending through said blocks and connecting with one of said blocks, a nut screwed upon said rod for adjusting said clamping blocks, housings carried by said brackets for the standards of a clothes wringer, clamps mounted upon said housings, and clamping screws carried by said clamps.

4. In combination a pair of brackets adapted to be detachably mounted upon the upper edges of a pair of receptacles, supporting housings carried by said brackets, each of said housings having its inner face near its lower end provided with a ledge comprising a lateral and vertical portion whereby a groove is provided the vertical portion of said ledge having its upper edge inclining upwardly from each end toward the center, and a deflector pan having a pair of slotted offsets trunnioned between said housings, at a point above said ledge, said deflector pan having its bottom tilting upon the upper edges of the vertical portions of said ledges, said grooves inclining in a direction similar to the direction in which the upper edges of said ledges extend.

In testimony whereof I affix my signature in the presence of two witnesses.

CHARLES H. LETTERMAN.

Witnesses:

MAX H. SROLOVITZ,
C. V. BROOKS.