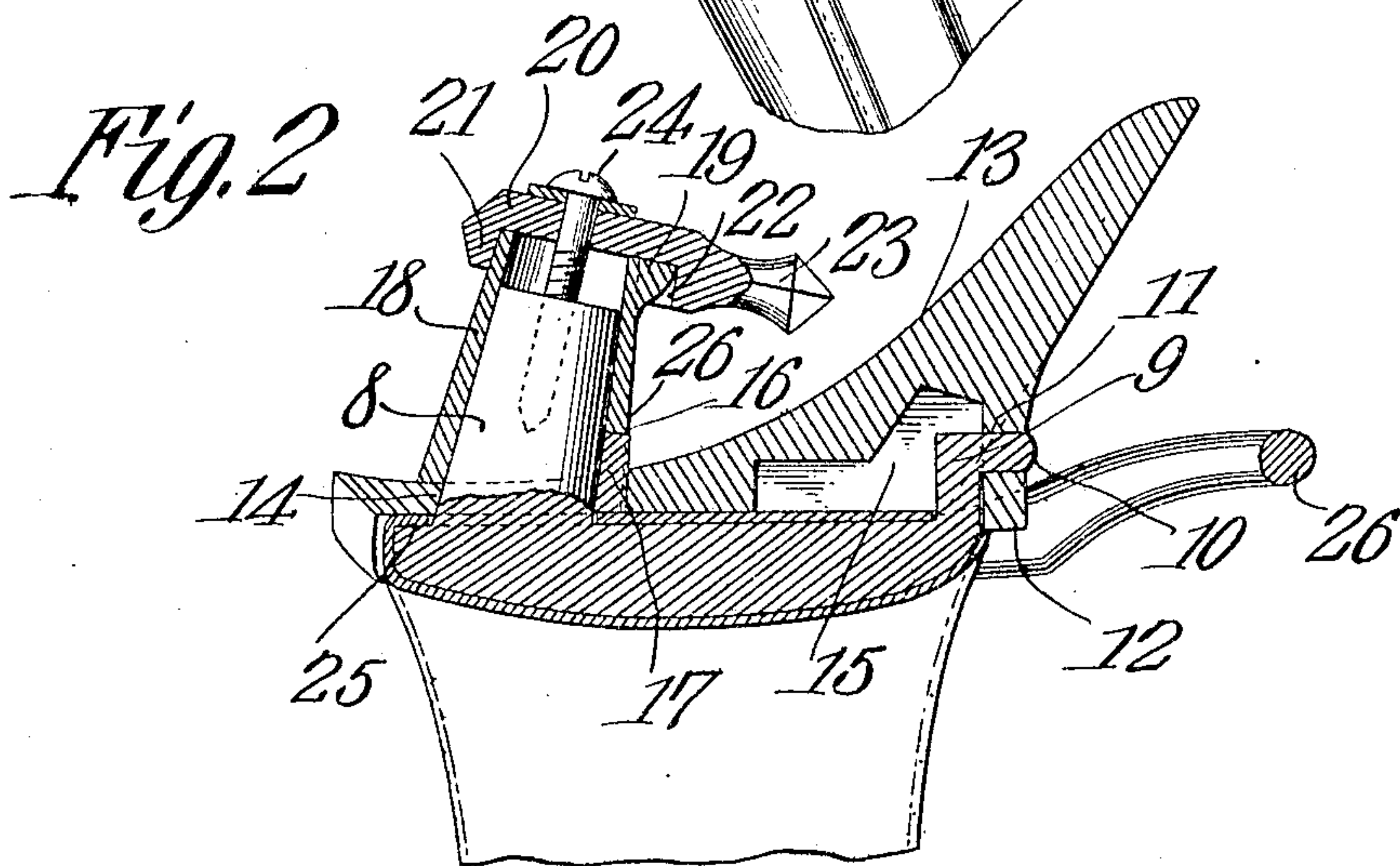
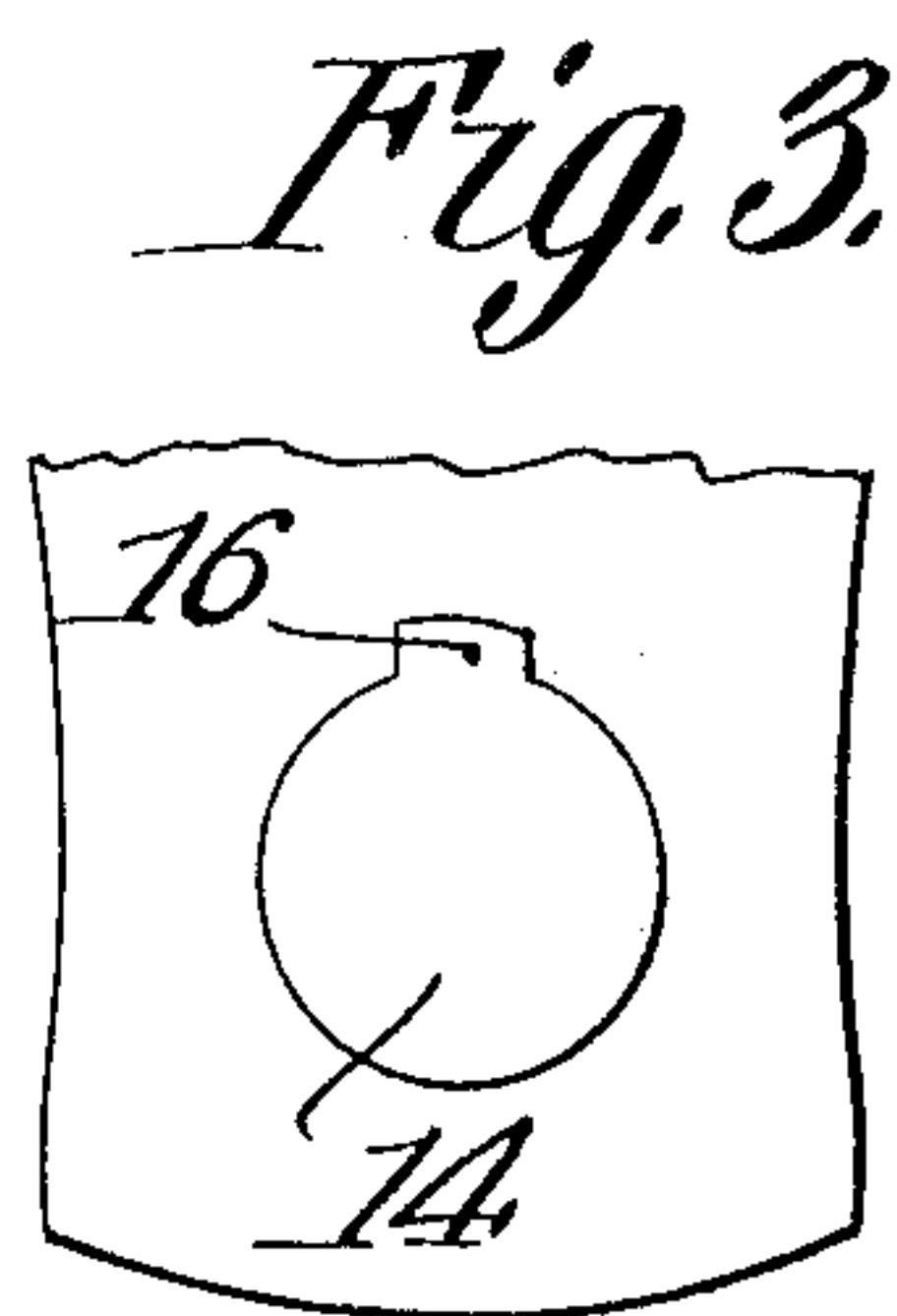
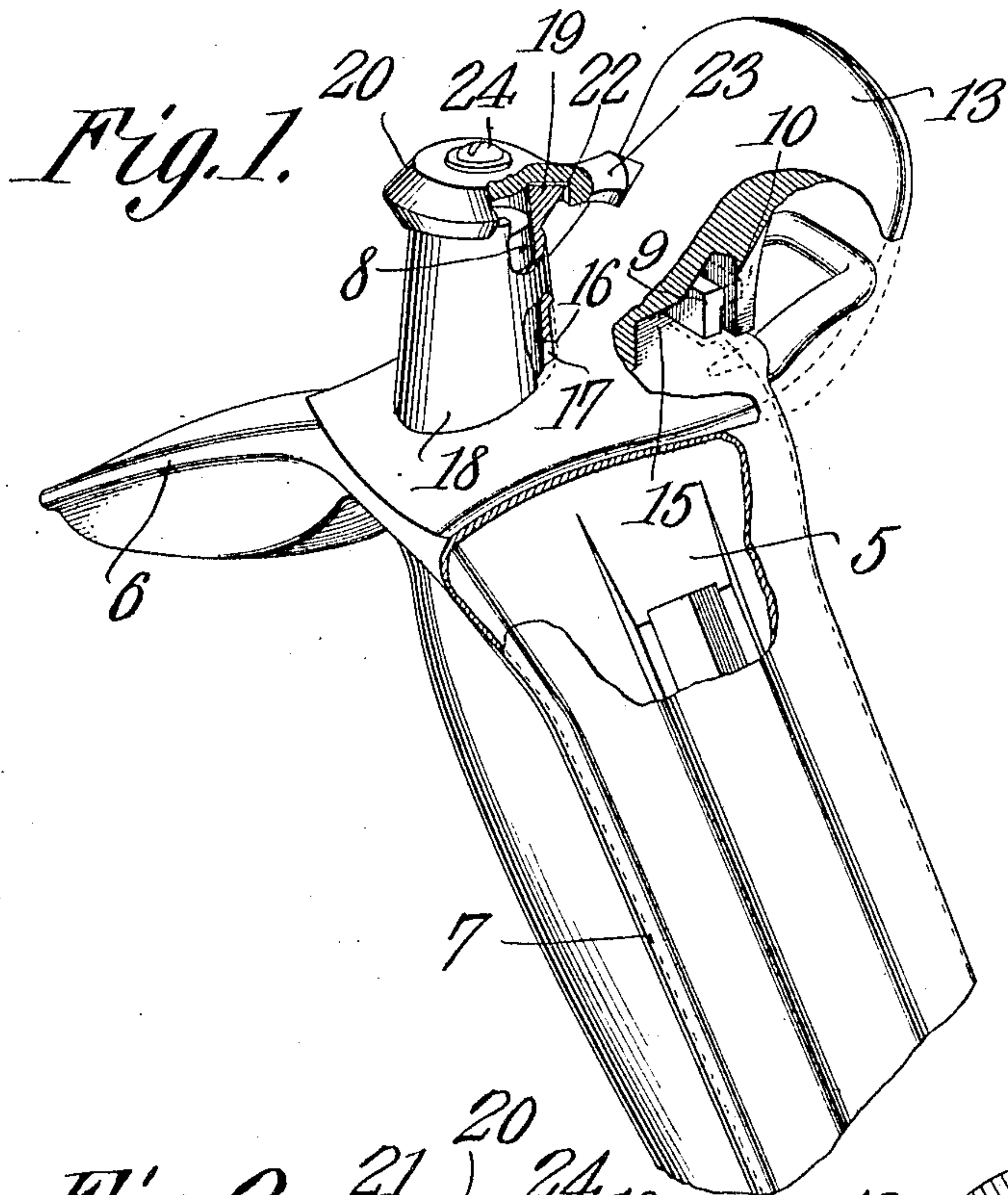


No. 887,444.

PATENTED MAY 12, 1908.

G. W. TREGO.  
HARNESS SADDLE.  
APPLICATION FILED OCT. 28, 1907.



Witnesses

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# UNITED STATES PATENT OFFICE.

GEORGE W. TREGO, OF PRINCETON, INDIANA.

## HARNESS-SADDLE.

No. 887,444.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed October 28, 1907. Serial No. 399,536.

*To all whom it may concern:*

Be it known that I, GEORGE W. TREGO, a citizen of the United States, residing at Princeton, in the county of Gibson and State of Indiana, have invented a new and useful Harness-Saddle, of which the following is a specification.

This invention relates to harness saddles and has for its object to provide a gig saddle in which the tree plate and post are formed integral thus reinforcing and strengthening the saddle and dispensing with the employment of screws, bolts and similar fastening devices.

A further object of the invention is to form the saddle tree with a rearwardly extending hook adapted to engage an eye on the saddle plate, the parts being locked in engagement with each other by a cap bearing against a sleeve or thimble on the tree plate.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency as well as to reduce the cost of manufacture.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings forming a part of this specification: Figure 1 is a perspective view of a harness saddle constructed in accordance with my invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a top plan view of a portion of the saddle, the latter being removed from the tree.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The improved harness saddle forming the subject matter of the present invention includes a tree plate 5 having converging arms 6 and 7 and provided with a post 8 extending vertically from the tree plate at the juncture of the arms 6 and 7, as shown.

Secured to and preferably formed integral with the saddle tree 5 is a vertically disposed arm 9 provided with an angular extension 10 which constitutes a hook for engagement with a correspondingly shaped eye 11 formed in the depending extension 12 of the saddle plate 13. The saddle plate 13 is provided with an opening 14 adapted to receive the post 8, the latter being preferably inclined in

the direction of the hook 10, as best shown in Fig. 2 of the drawing. The walls of the opening 14 are preferably inclined or beveled to conform to the inclination of the post 8 so that when the hook 10 is seated in the eye 11 and the saddle 13 tilted downwardly the post will register with the opening 14 and thus permit the saddle to bear against the tree plate. The lower surface of the saddle 13 is formed with a recess or chamber 15 which accommodates the arm 10 and prevents the saddle from binding on said arm when positioning the saddle on or removing the same from the tree plate.

Formed in the saddle plate 13 is an opening 16 which communicates with the opening 14 and is adapted to receive a removable key or spline 17.

Surrounding the post 8 is a thimble or sleeve 18 the lower edge of which is preferably curved to conform to the upper surface of the saddle while the upper end of the thimble extends vertically beyond the adjacent end of the post 8 and is provided with a laterally extending lug or spline 19.

Mounted on one end of the sleeve or thimble 18 is a cap 20 provided with a depending flange 21 which engages the exterior walls of the sleeve, there being a recess or opening 22 formed in the flange for the reception of the lug or spline 19 so as to prevent rotation of the cap on the thimble. The cap 20 is provided with an arm or extension 23 which constitutes a check rein hook, said cap being detachably secured to the post 8 by a screw or similar fastening device 24 which extends through the top of the cap and engages the post 8, as shown. Attention is here called to the fact that the cap 20 together with the arm 23 are disposed at an angle or inclination to the tree 25 so as to prevent accidental displacement of the check rein when the latter is in position on the arm 23. It will also be noted that by extending the sleeve or thimble 18 beyond the adjacent end of the post 8 the sleeve may be adjusted vertically of the post so as to accommodate housings of different thicknesses, the latter being indicated at 25 in Fig. 2 of the drawing.

In placing the saddle in position on the tree the hook 10 is first inserted in the eye 11 and the free end of the saddle tilted downwardly in engagement with the adjacent surface of the tree, the inclination of the post 8 and walls 14 permitting the saddle to be lowered in engagement with the tree without



danger of the saddle binding against the post. The key or spline 17 is then inserted in the recess 16 and the thimble or sleeve 18 slipped over the post 8 with the key 17 engaging the adjacent recess 16 in said sleeve thus locking the latter against rotation on the post. The cap 20 is then placed in position on the upper end of the sleeve 18 with the lug 19 seated in the recess 22 after which the fastening device 24 is screwed into the post 8 thus locking the several parts in assembled position.

In order to detach the saddle it is merely necessary to move the screw 24 and then detach the cap and sleeve when the free end of the saddle may be tilted rearwardly so as to permit the hook 10 to be disengaged from the eye 11 as will be readily understood. The saddle tree is provided with the usual loop 26 for the reception of the back strap of a harness.

It will here be noted that the saddle tree between the post 8 and hook 10 is relatively thick and imperforate thus materially reinforcing and strengthening the tree and dispensing with the employment of screws and similar fastening devices for retaining the saddle in position on said tree.

Having thus described the invention what is claimed is:

1. A harness saddle including a saddle tree, a post formed integral therewith, a saddle bearing against the tree and having an opening formed therein for the reception of the post, a cap provided with a lateral arm constituting a check hook, a sleeve interposed between the cap and saddle, means carried by the sleeve and engaging the cap for locking the latter against rotation, and a fastening device piercing the cap and post, respectively.

2. A harness saddle including a saddle tree, a post extending upwardly from the tree and formed integral therewith, a saddle bearing against the tree and provided with an opening for the reception of the post, a cap provided with a laterally extending arm constituting a check hook, a sleeve interposed between the cap and saddle, and a fastening device piercing the cap and engaging the post.

3. A harness saddle including a saddle tree having a rearwardly extending hook and provided with an inclined post, a saddle having an eye formed therein for the reception of the hook and provided with an opening to accommodate the post, a cap, a sleeve interposed between the cap and the saddle, and a fastening device piercing the cap and engaging the post.

4. A harness saddle including a saddle tree having a rearwardly extending hook, a post extending upwardly from the tree in advance of the hook, a saddle having a depending extension formed with an eye for the reception of the hook, there being an opening formed in the saddle to receive the post, a

cap, a sleeve mounted on the post and interposed between the cap and saddle, and a fastening device piercing the cap and engaging the post.

5. A harness saddle including a saddle tree having a rearwardly extending hook and an inclined post, the walls of the saddle tree between the post and hook being imperforate, a saddle having an eye formed therein for the reception of the hook and provided with an opening adapted to accommodate the post, a cap provided with a lateral arm constituting a check hook, a sleeve interposed between the cap and saddle tree, and means engaging the cap and post for locking the saddle in position on the tree.

6. A harness saddle including a saddle tree having a rearwardly extending hook, and an inclined post spaced from the hook and formed integral with the tree, the body of the tree between the post and hook being imperforate, a saddle having an eye for the reception of the hook and provided with an opening to accommodate the post, a cap, a sleeve surrounding the post and interposed between the cap and saddle, and a fastening device piercing the cap and engaging the post.

7. A harness saddle including a saddle tree, a post extending upwardly from the tree and formed integral therewith, a saddle bearing against the tree and provided with an opening for the reception of the post, there being a recess formed in the saddle and communicating with said opening, a key seated in the opening, a sleeve surrounding the post and having its upper end provided with a lug and its lower end formed with a recess for the reception of the key, a cap engaging the upper end of the sleeve and provided with a recess for the reception of the lug, and a fastening device piercing the cap and engaging the post.

8. A harness saddle including a saddle tree having a rearwardly extending hook and provided with an upright post arranged in spaced relation with the hook, a saddle having a depending extension provided with an eye for the reception of the hook, there being an opening formed in the saddle to accommodate the post, and a recess formed in the lower face of the saddle at said hook, a sleeve surrounding the post, means for locking the sleeve against rotation, a cap having a depending flange for engagement with the sleeve and provided with a laterally extending arm, and a fastening device piercing the cap and engaging the post.

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

GEORGE W. TREGO.

Witnesses:

JOHN J. CRISWELL,  
FERDINAND E. BURGER.