

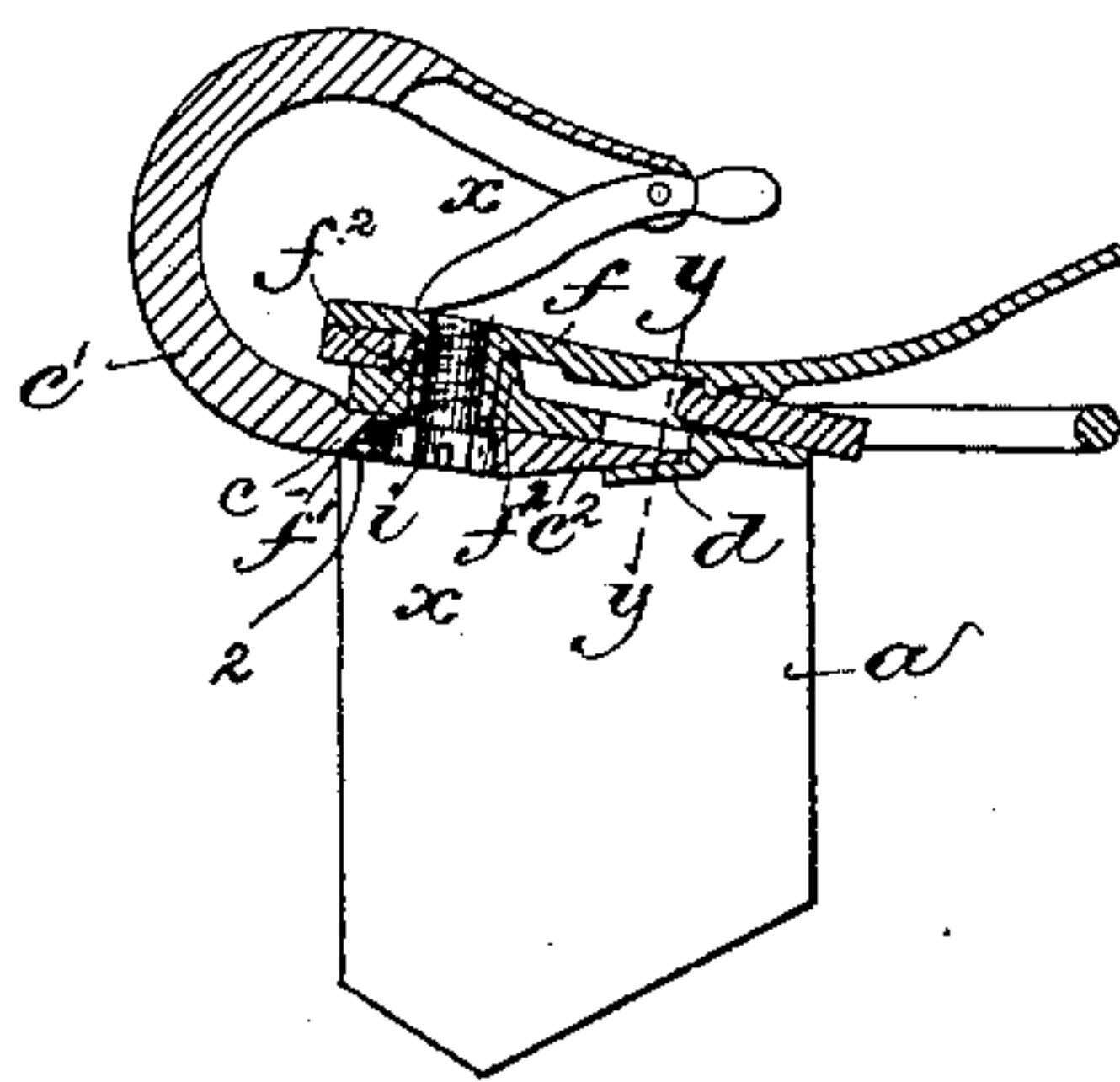
(No Model.)

O. TABER.  
SADDLE TREE.

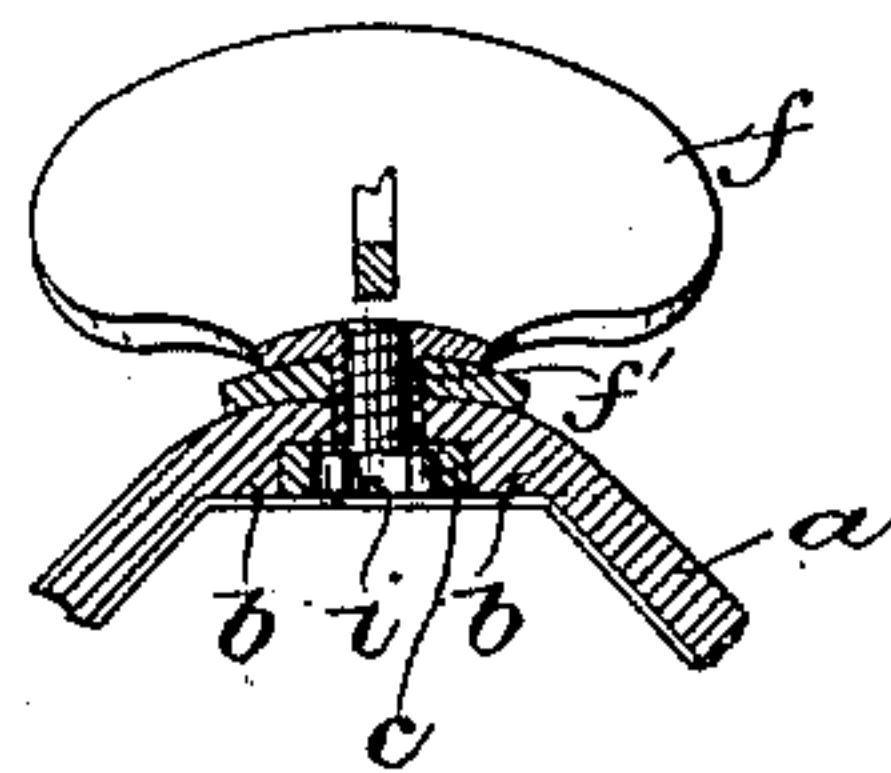
No. 424,625.

Patented Apr. 1, 1890.

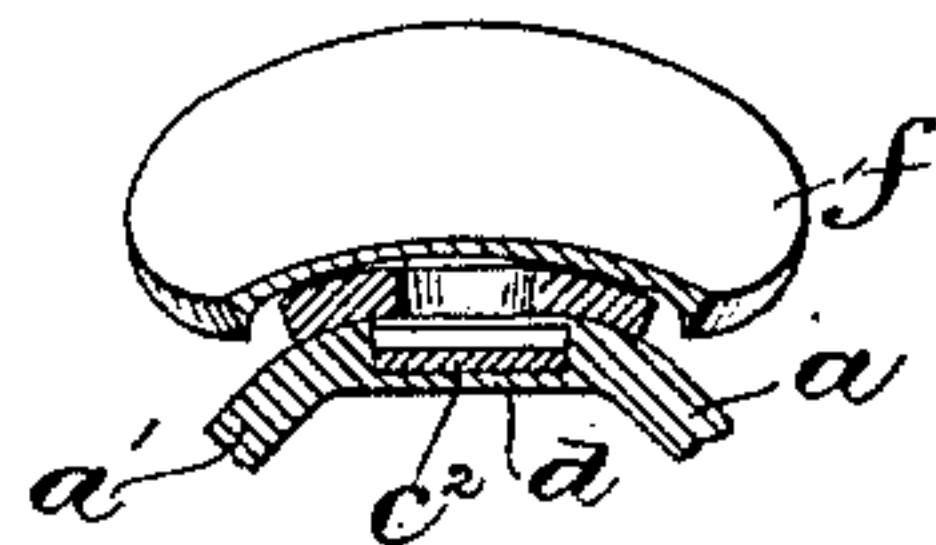
*Fig: 1.*



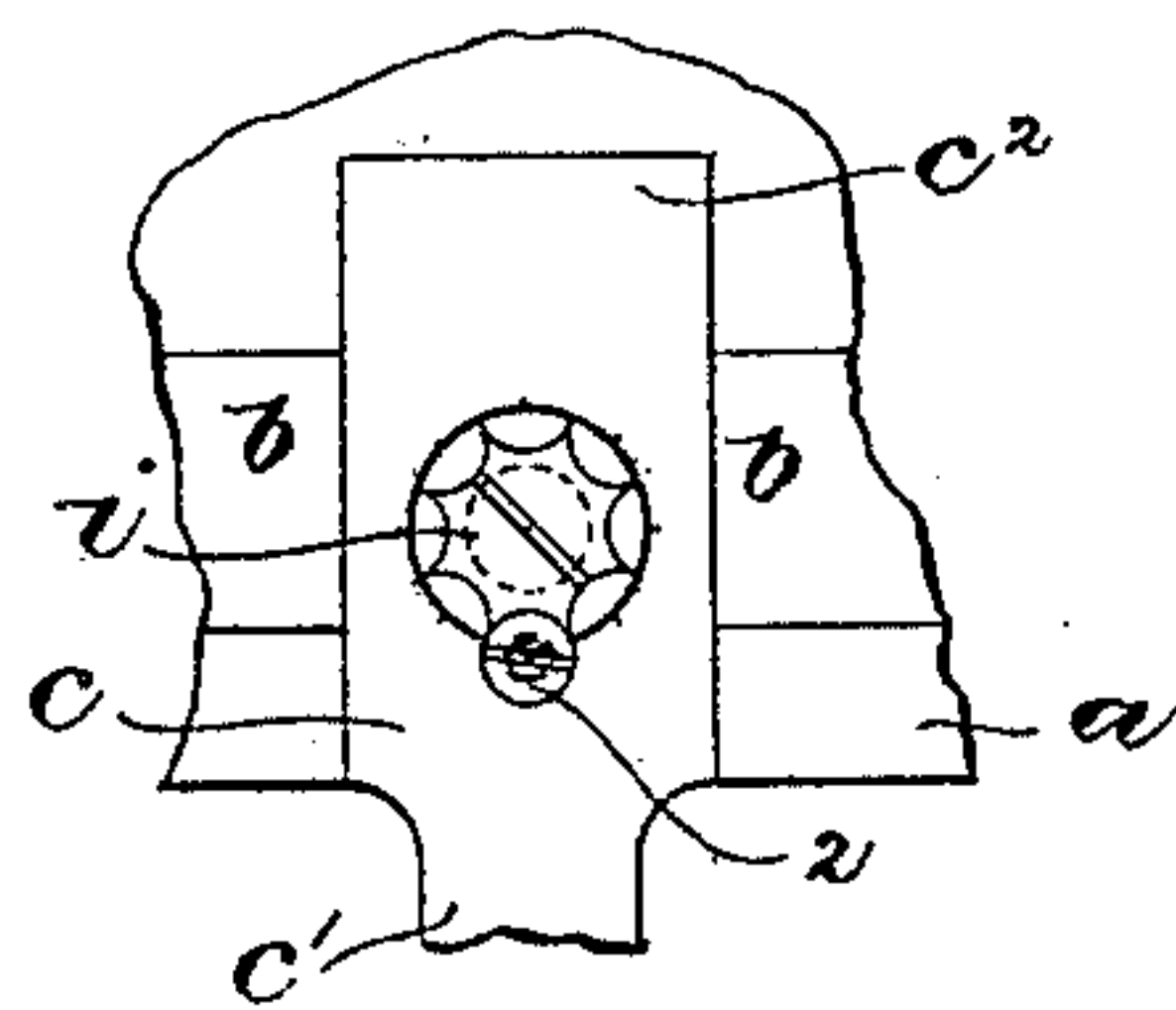
*Fig: 2.*



*Fig: 3.*



*Fig: 4.*



Witnesses:

Fred. L. Greenleaf  
Admiral L. Enay-

Inventor:

Orrin Taber,  
by Lemby & Gregory,  
Attys.

# UNITED STATES PATENT OFFICE.

ORRIN TABER, OF EAST SOMERVILLE, MASSACHUSETTS, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE NASHUA SADDLERY HARDWARE COMPANY, OF NASHUA, NEW HAMPSHIRE.

## SADDLE-TREE.

SPECIFICATION forming part of Letters Patent No. 424,625, dated April 1, 1890.

Application filed February 26, 1889. Serial No. 301,239. (No model.)

*To all whom it may concern:*

Be it known that I, ORRIN TABER, of East Somerville, county of Middlesex, State of Massachusetts, have invented an Improvement in Saddle-Trees, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to improve the construction of saddle-trees, whereby the checkrein-hook and seat or cap may be more securely held in position.

In accordance with this invention the saddle-tree has on its under side at a point beneath the seat two shoulders or abutments separated only the width of the flattened or shank portion of the checkrein-hook, which is placed between them. A socket or recess is also formed to receive the end of the flattened or shank portion of the checkrein-hook, so that by the co-operation of both the shoulders and the recess or socket the said checkrein-hook is held snugly against lateral movement or play.

As a fastening for the hook I prefer to employ a screw, which passes through a hole in the flattened or shank portion of the hook, thence through a hole in the saddle-tree and into a seat or cap. To give a good and sufficient bearing for the said screw, I provide a boss on the under side of the seat or cap, which is screw-threaded internally to receive the screw.

Figure 1 shows in horizontal section a saddle-tree embodying this invention; Fig. 2, a section of the saddle-tree shown in Fig. 1, taken on the dotted line  $xx$ , looking toward the right; Fig. 3, a section of the saddle-tree shown in Fig. 1, taken on the dotted line  $yy$ ; and Fig. 4, a detail of the retaining device for the screw.

The saddle-tree consists of a plate of metal formed or bent to present two side bars or portions at or near a right angle with relation to each other. The saddle-tree has formed on its under side, at or near the middle, two shoulders  $b\ b$ , separated only for the width of the shank or flattened end  $c$  of the checkrein-hook  $c'$ , which is placed between them. A

socket or recess is also formed on the under side of the saddle-tree, and the shank or end  $c$  of the checkrein-hook is extended sufficiently, as at  $c^2$ , to enter the said socket or recess. The recess is herein shown as formed by forming a lip  $d$  on the under side of the saddle-tree, suitably depressed to receive over and upon it the said end  $c^2$ , and above said lip  $d$  the material of the tree is cut away. The two shoulders  $b\ b$  and the socket co-operate to hold the end of the checkrein or water-hook against lateral movement or play.

The seat or cap, as  $f$ , has formed on its under side a boss  $f'$ , herein shown as quadrangular in cross-section, which fits snugly between two projections  $f^2$ , rising from the upper side of the saddle-tree, the said projections holding the boss, so that lateral play of the seat or cap is prevented. A hole is tapped into the boss on the seat or cap, which receives a screw  $i$ , passing upward through the hook and saddle-tree, said screw serving to bind or clamp the assembled parts.

It will be seen that the boss  $f'$  affords sufficient material into which screw-threads may be formed to receive and hold the screw. The screw is herein shown as one having a scalloped head, and a small pin or screw  $2$  is provided, which serves as a key to hold the said screw  $i$  against rotation.

I do not desire to limit my invention to any particular form of saddle-tree, as the improvements herein set forth are applicable to saddle-trees of any form.

I have herein shown a checkrein-hook provided with a gravity-stop; but I do not herein claim said feature, as it forms the subject-matter of another application, Serial No. 301,238, filed by me February 26, 1889.

I claim—

1. The combination, with the checkrein-hook adapted to be secured to the saddle-tree, of the saddle-tree having shoulders  $b\ b$  and a lip  $d$  upon its under side, the shank of the hook occupying a position between the shoulders and the rear end resting on the lip, and a fastening for the hook, substantially as described.

2. The saddle-tree having on its under side



the narrow lip  $d$ , combined with a checkrein-hook having a shank  $c$  and an extended rear end portion  $c^2$ , beveled on its under side, the end of said portion  $c^2$  resting on said lip  $d$ ,  
5 and a fastening passing through the shank  $c$  and tree and into or through a seat or cap on the tree, substantially as described.

3. In a saddle-tree, the checkrein-hook and saddle-tree and screw  $i$  to bind the parts assembled, the head of which is recessed or scal-

loped, combined with a retaining-screw adapted to co-operate with the head of the screw  $i$ , substantially as described.

In testimony whereof I have signed my name to this specification in the presence of 15 two subscribing witnesses.

ORRIN TABER.

Witnesses:

BERNICE J. NOYES,  
B. DEWAR.