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PATENTED APR. 7, 1908.

G. W. SIRRINE.
WAGON HOUND.

APPLICATION FILED DEC. 23, 1907.

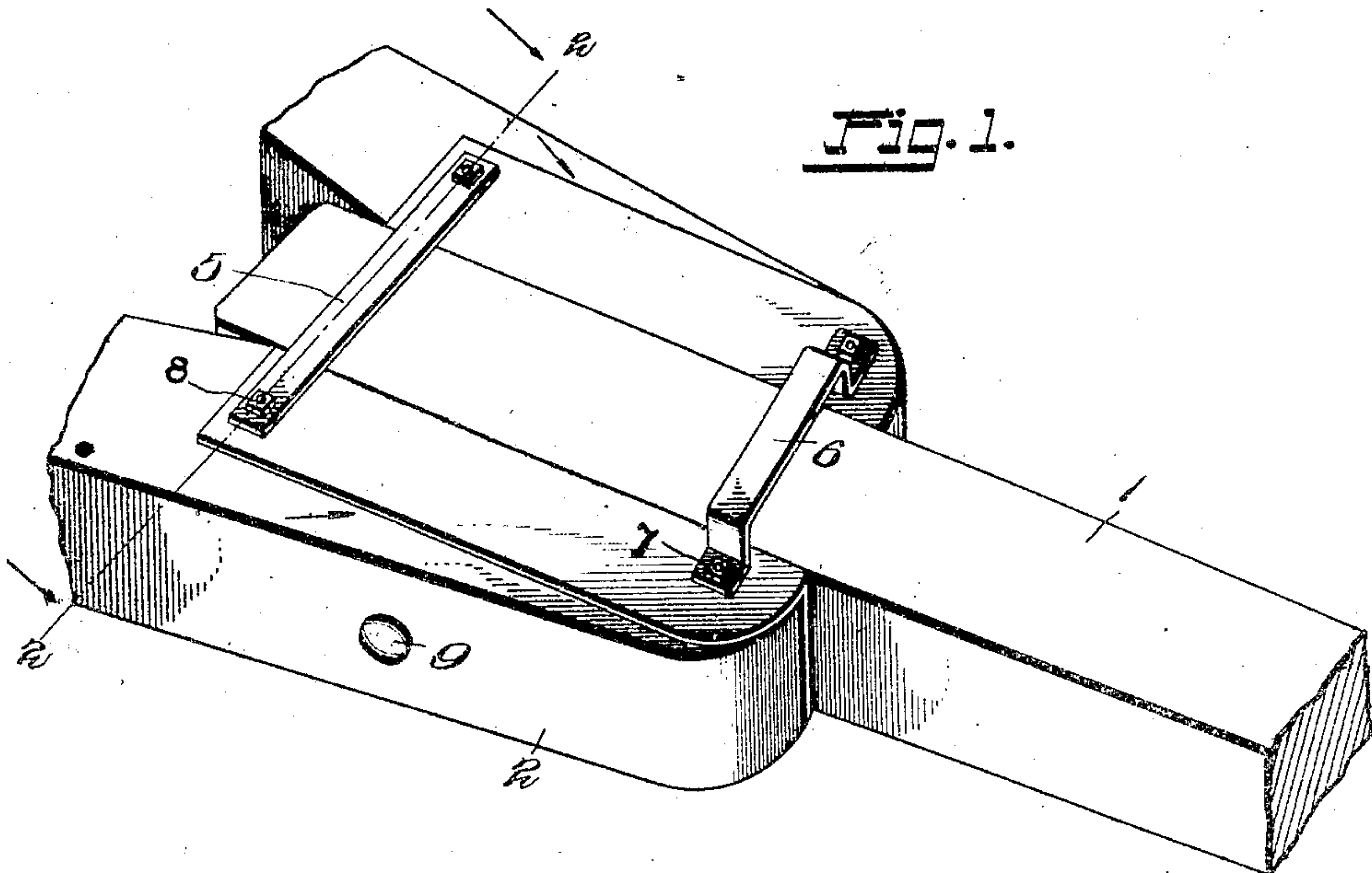


Fig. 1.

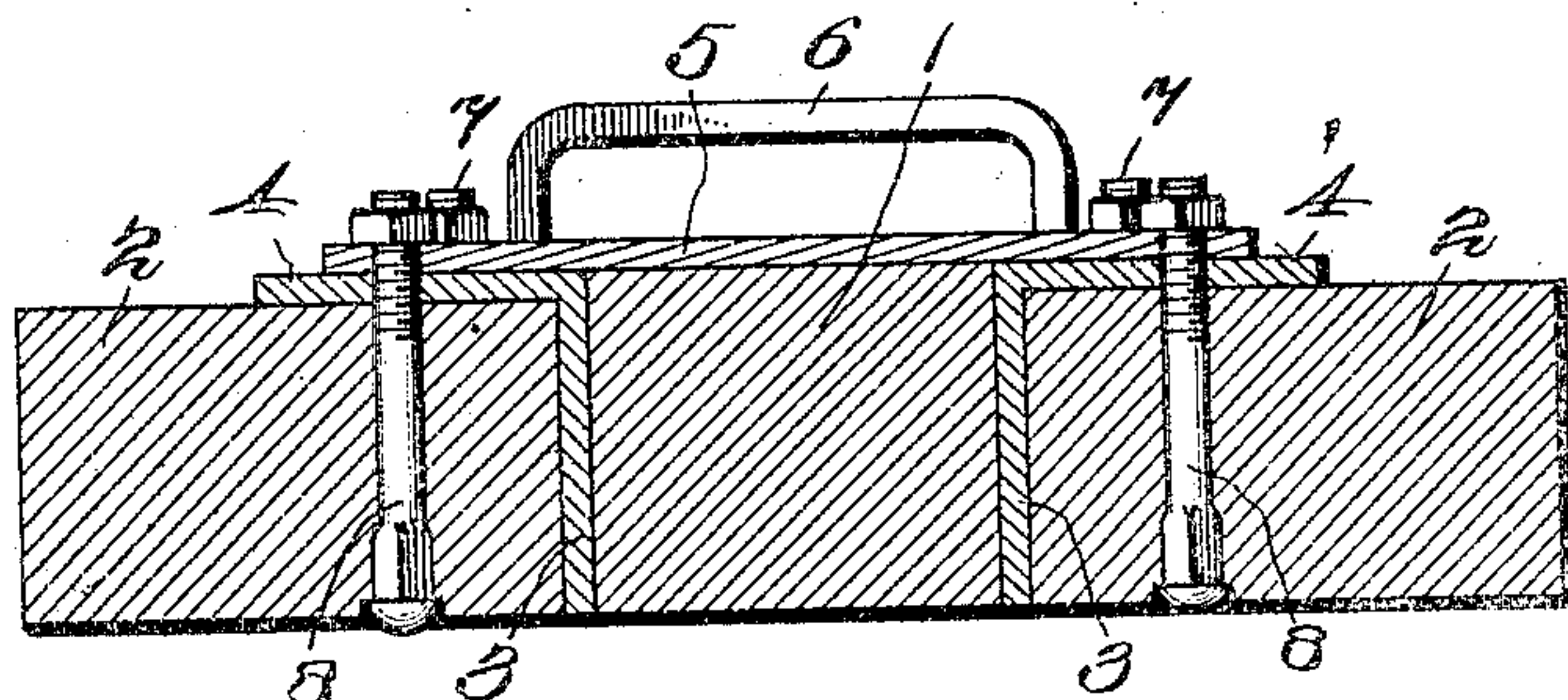
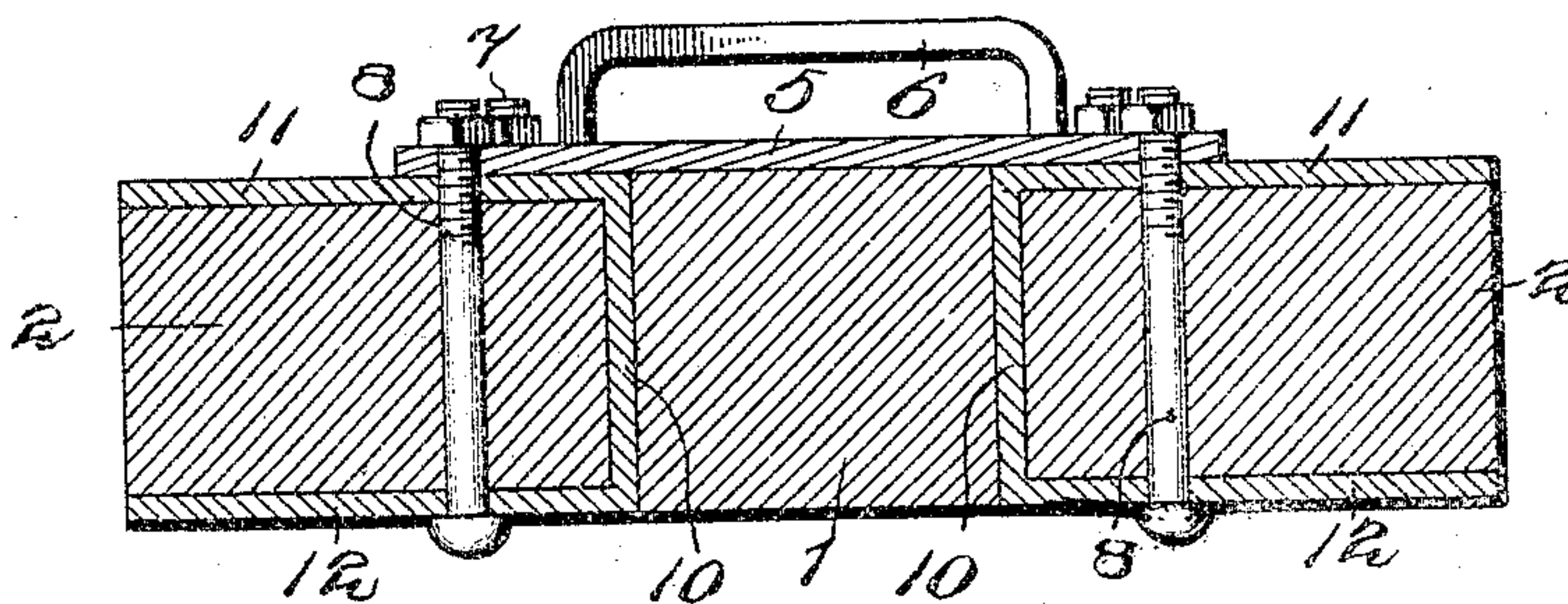


Fig. 2.



Witnesses
W. Max. Durrall.
J. H. Kinsten.

Inventor
George W. Sirrine
By Wilkinson, Sirrine & Witherspoon
his Attorneys

UNITED STATES PATENT OFFICE.

GEORGE W. SIRRINE, OF GREENVILLE, SOUTH CAROLINA.

WAGON-HOUND.

No. 884,225.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE W. SIRRINE, a citizen of the United States, residing at Greenville, in the county of Greenville and State of South Carolina, have invented certain new and useful Improvements in Wagon-Hounds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in hound attachments, and is designed to provide a means that in addition to providing a wear plate for the tongue associated therewith will also provide a reinforcing means for the tongue end of the hound forming a stable connection between the hound ends and the tongue and also forming a protecting means for the hound ends to prevent their splitting, a very objectionable feature in wooden hounds being that they tend to split at their ends owing to the curvature of the hound members and the fact that the grain generally is disposed at an angle to the rear portion of the hounds, as indicated by the arrows in Figure 1 of the drawings.

For the purpose of disclosure, reference is had to the accompanying drawings illustrating a practical embodiment of the invention, the novel features of which will be more succinctly pointed out in the claims.

Referring to the drawings—Fig. 1 is a fragmentary perspective view of a vehicle hound with a tongue connected thereto and showing an application of the present invention. Fig. 2 is a cross section on the line 2—2, looking toward the forward end of the hound, and Fig. 3 is a similar section showing a slightly modified form.

1 designates the tongue of a vehicle, and 2 the usual wooden hounds.

Interposed between the hound ends and the tongue is a pair of angle members having the vertical webs 3 and the horizontal webs 4, and these angle members may be affixed to the wooden hounds by any suitable means, such, for instance, as bolts, screws, etc.

In the drawings this is illustrated by means of the rear tie plate 5, and the forward U-shaped tie member 6. Through the ends of the members 5 and 6 are passed bolts 7 and 8 passing vertically through apertures in the hound ends 2. Similarly the tongue is pivoted between the webs 3 of the hound ends by means of a horizontal pivot pin 9

passing through the hound ends, the webs 3 and the tongue 1.

The rear and forward tie members 5 and 6, in addition to forming transverse strengthening members for the ends of the hound members by tending to prevent their separation when the tongue is moved in a horizontal plane, also serve as stops for limiting the vertical movement of the tongue. That is, the rear tie plate 5 limits the downward movement of the forward end of the tongue and the U-shaped tie member 6 limits the upward movement of the forward end of the tongue, a slight play, however, being allowed.

In the modification shown in Fig. 3, instead of simply using the angle members with the webs 3 and 4, I employ a channel member having the vertical web 10 and the upper and lower horizontal webs 11 and 12. The application of this channel member to the hound end is similar to that previously described, but it is obvious that the addition of an extra web at the lower face of the hound end will increase the strength of the reinforcement and tend further to prevent the splitting of the wood. It will also be understood, of course, that the upper web 11 of Fig. 3 could be omitted and an angle member employed, similar to that shown in Fig. 3, with the horizontal web, however, disposed on the lower face of the hound end instead of on the upper face.

It will be observed from the foregoing that by having the angle or channel members with their horizontal webs resting on top or at the bottom or at both the top and bottom surfaces of the wooden hound with their vertical webs fitting snugly against the inside face of the hound ends a very much stronger reinforcement is obtained, both because of the fact that the lateral strain on the hound ends is taken up by the full length of the angle or channel plates, and also in view of the fact that the webs of these members are strapped together by the forward and rear cross bars, there is much less tendency to spread the hound ends apart when lateral strains are imparted by the pole, and hence the tendency to split the hound ends is practically prevented.

What I claim is:—

1. The combination of hound ends, elongated metallic members therefor, each having one web engaging a lateral face of a hound end, and its other web engaging the inside vertical face of said hound end, and a

tongue connected to said hound ends between the vertical webs of said metallic members, substantially as described.

2. The combination of hound ends, elongated metallic members each having a lateral web engaging the top face of a hound member and with a vertical member engaging the inside face of said member, a tongue, and means for securing one end of said tongue between the vertical webs of said metallic members, substantially as described.

3. The combination of hound ends, elongated metallic members each having a lateral web engaging the top face of a hound member and with a vertical member engaging the inside face of said member, a tongue, means for securing one end of said tongue between the vertical webs of said metallic members,

and rear and forward transverse tie members connecting the tie webs of said metallic members, substantially as described.

4. The combination of hounds, elongated metallic members therefor each member snugly fitting a hound, and having a vertical web resting against the inside face of said hound, and horizontal webs resting against the upper and lower faces of said hound, a tongue, and means for securing one end of said tongue to said hound between said vertical webs, substantially as described.

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

GEORGE W. SIRRINE.

Witnesses:

THOS. I. CHARLES,
WM. G. SIRRINE.