

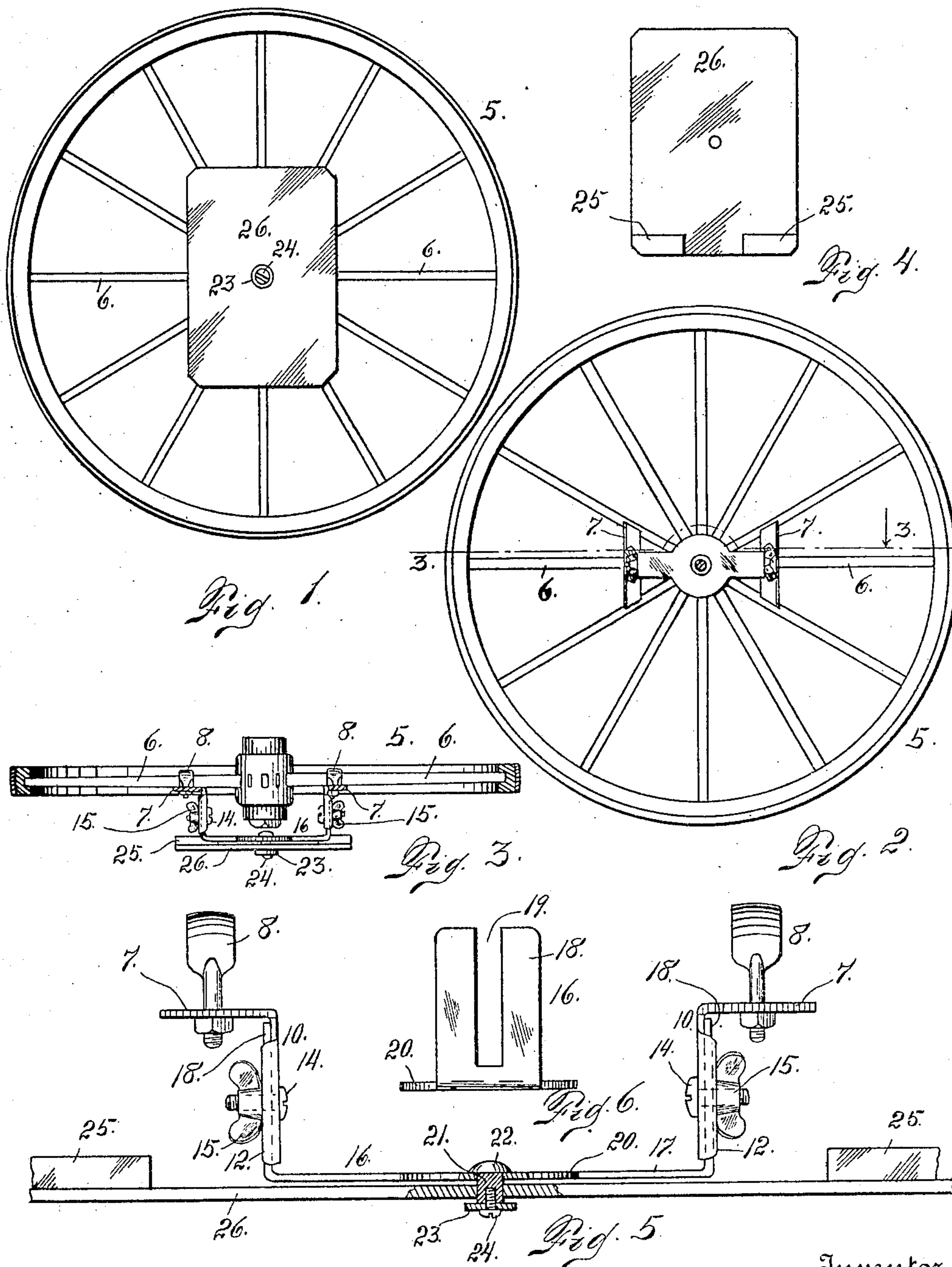
No. 882,505.

PATENTED MAR. 17, 1908.

J. W. ROBERTS.  
WHEEL ADVERTISING DEVICE.

APPLICATION FILED JUNE 10, 1907.

2 SHEETS—SHEET 1.



Witnesses  
Otto E. Haddick.  
Dena Nelson,

Inventor  
John W. Roberts.  
By *W. H. Mearns* Attorney

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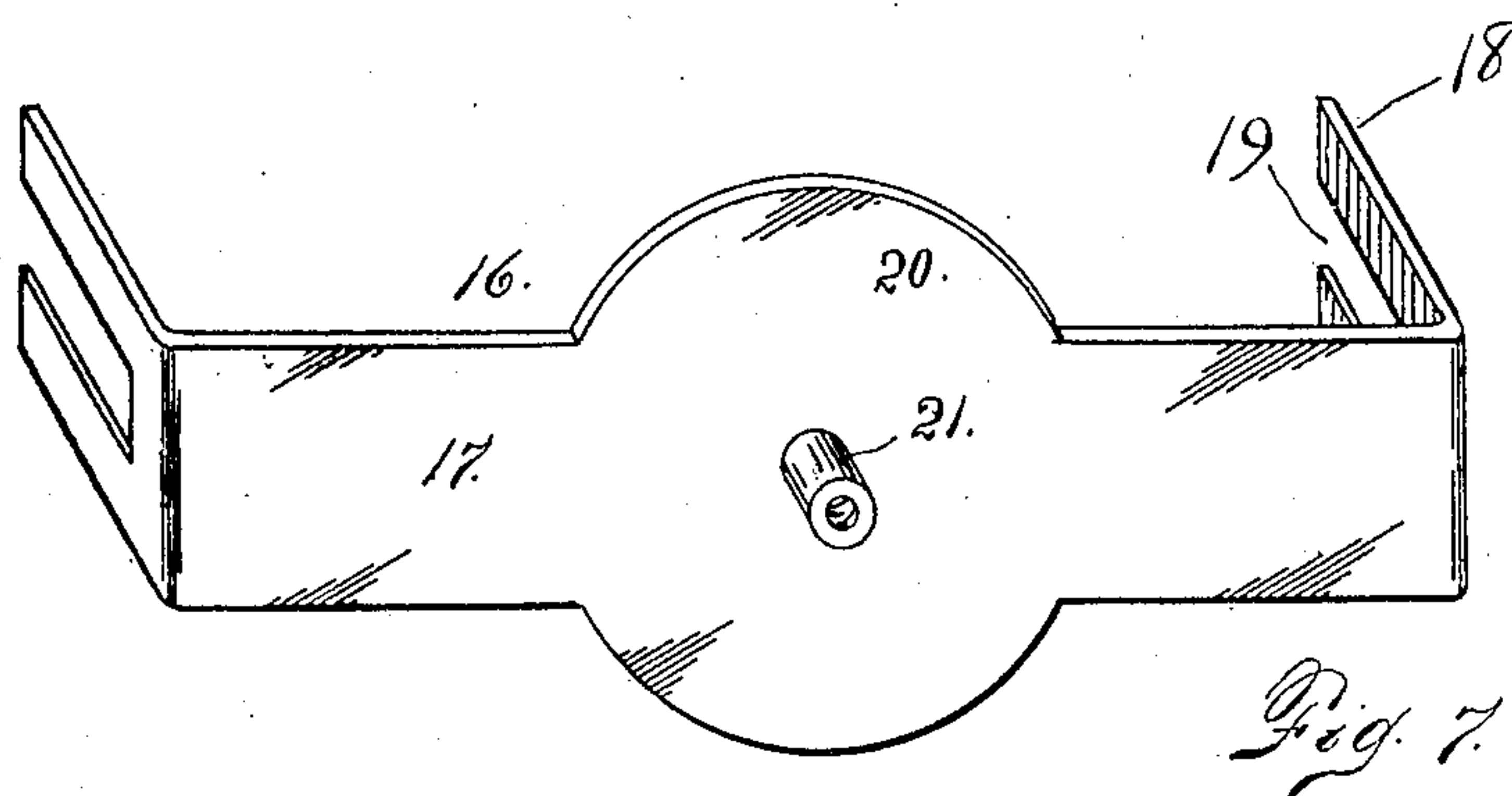


Fig. 7.

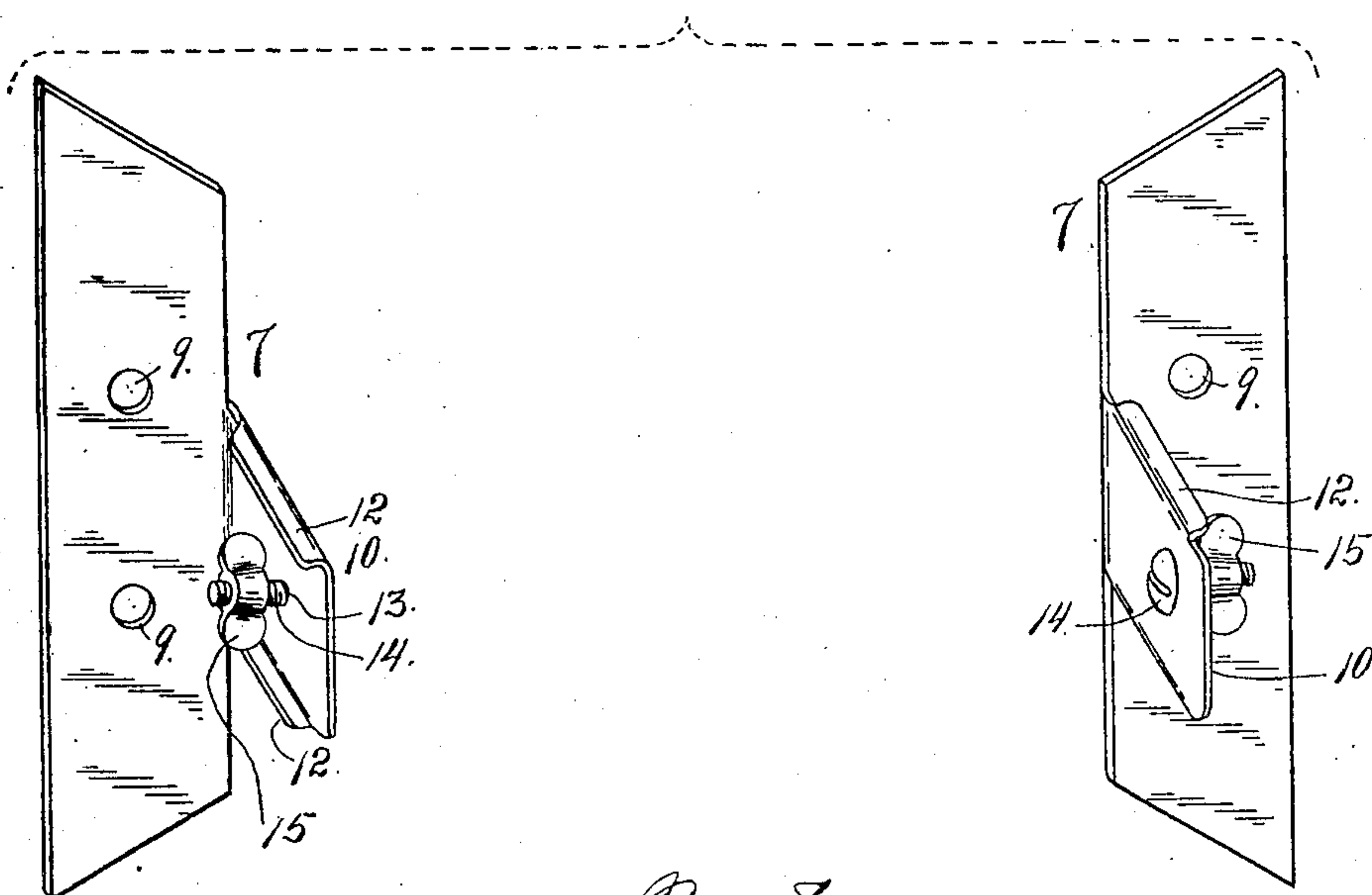


Fig. 8.

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# UNITED STATES PATENT OFFICE.

JOHN W. ROBERTS, OF DENVER, COLORADO.

## WHEEL ADVERTISING DEVICE.

No. 882,505.

Specification of Letters Patent.

Patented March 17, 1908.

Application filed June 10, 1907. Serial No. 378,099.

*To all whom it may concern:*

Be it known that I, JOHN W. ROBERTS, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Wheel Advertising Devices; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a wheel advertising device being a construction adapted to be so mounted upon a wheel that it maintains an upright position at all times, even when the wheel is rotating.

In my improved construction a suitable frame is mounted to rotate with the wheel, while upon this frame is loosely mounted a plate whose lower extremity is weighted, whereby it maintains a uniform position keeping the advertising matter thereon in suitable position for reading at all times.

The invention will now be described in detail, reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing, Figure 1 is a side view of a wheel equipped with my improved advertising device. Fig. 2 is a similar view of the advertising plate removed, the fastening screw being shown in section. Fig. 3 is a section taken on the line 3—3 Fig. 2, viewed in the direction of the arrow. Fig. 4 is an inside detail view of the advertising plate. Fig. 5 is a detail view of the advertising mechanism shown on a larger scale and partly in section. Fig. 6 is an end view of the U-shaped bracket forming a part of the structure. Fig. 7 is a perspective view of the same. Fig. 8 is a perspective view of the two angle plates with which the U-shaped bracket coöperates.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate a wheel which may be of any suitable construction as the ordinary vehicle wheel. To each of two opposite spokes 6 of the wheel, is secured an angle plate 7 by means of a U-shaped clip 8, the said clip passing around the spoke, while the threaded extremities of the clip pass through openings 9 formed in the plate.

Each of these plates is of such length that its extremities bear against the two adjacent spokes on opposite sides of the spoke to which the clip is secured. This prevents any tendency on the part of the plate to turn upon the spoke. From the central part of the body of each plate 7, extends a member 10 projecting at right angles to the body part and having flanges 12. The member 10 is provided with an opening 13 adapted to receive a screw 14 fastened by a nut 15.

A bracket 16 is composed of a body portion 17 and two slotted extremities 18 extending at right angles to the body part making it U-shaped. These slotted extremities 18, are applied to the members 10 of the angle plates 7, and their slots register with the openings 13 of these members. The bracket is secured to the members 10 of the said plates by means of the screws 14 and nuts 15 heretofore explained. The slots 19 of the parts 18, are open to facilitate the attaching and removing of the bracket. The center of this bracket is located in line with the axis of the wheel. Its central part is somewhat enlarged as shown at 20 and is provided with an opening through which is passed a pin 21 having a head 22 on one side. Upon this pin is loosely mounted a plate 26, the pin passing through an opening formed in the plate. To the outer extremity of the pin is applied a washer 23 through which is passed a screw 24 threaded in the pin. This washer prevents the plate from slipping off the pin and the length of the pin is such that when inserting the screw, it is impossible to clamp the plate to interfere with the proper performance of its function. The lower extremity of the plate is provided with weights 25, of such size as to maintain the plate in a uniform position at all times. The advertising matter is of course printed upon the plate and as the plate remains in a uniform position, this matter is in proper position for reading at all times.

In case it is desired to remove the wheel from its axle, it is only necessary to loosen the thumb nuts 15 and remove the brackets 16 and the advertising plate. The wheel may then be removed at will as will be readily understood.

Having thus described my invention, what I claim is:

1. In an advertising device for vehicle wheels, the combination with the wheel, of angle plates applied to the wheel on opposite



sides of the axle, one member of each plate projecting outwardly from the wheel and being provided with flanges, a U-shaped bracket having parallel arms to engage the flanged members of the angle plates, the said arms being slotted to register with openings formed in the flanged angle plate members, means for connecting the bracket with the angle plates, and an advertising plate pivotally mounted on the bracket, the axis of the pivot being in alinement with the axis of the wheel, the advertising plate being weighted to maintain it in a uniform position during the rotation of the wheel, substantially as described.

2. The combination with a vehicle wheel, of angle plates applied to the wheel spokes on opposite sides of the axle, one member of each angle plate projecting outwardly from

the wheel and being provided with flanges, a U-shaped bracket whose parallel members engage the flanged members of the angle plates, the bracket members being slotted and the angle plate members being provided with openings, and screws passing through the said slots and openings, nuts applied to the screws for securing the same in place, a pin applied to the bracket in line with the axis of the wheel, and an advertising plate loosely mounted on the pin and weighted to maintain a uniform position during the rotation of the wheel, substantially as described.

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

JOHN W. ROBERTS.

Witnesses:

DENA NELSON,  
A. J. O'BRIEN.