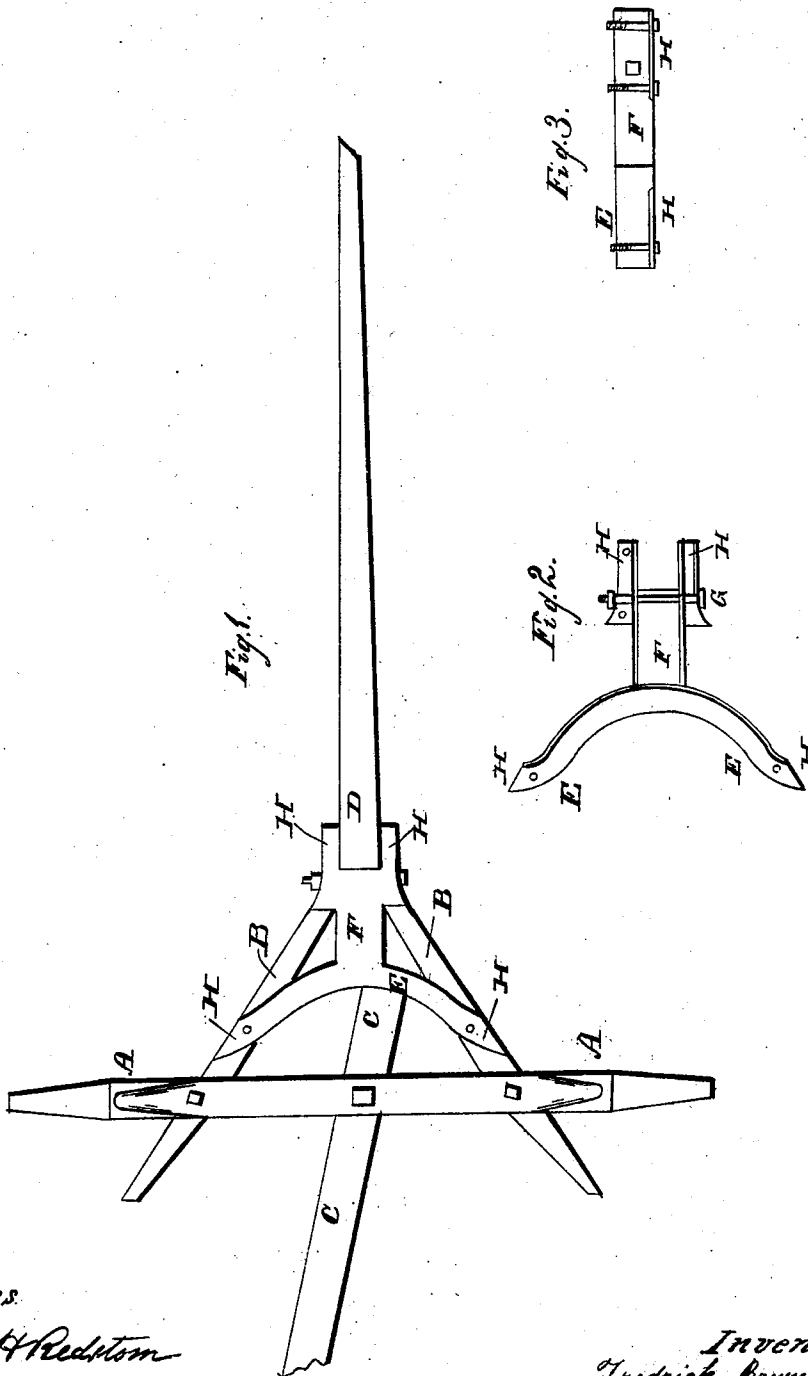


F. BREMERMAN.

Coupling for Wagon Hounds and Poles.

No. 84,531.

Patented Dec. 1, 1868.



Witnesses

John H. Reddon
Wm. Sullivan

Inventor
Frederick Bremman.

United States Patent Office.

FREDRICK BREMERMAN, OF INDIANAPOLIS, INDIANA.

Letters Patent No. 84,531, dated December 1, 1868.

COUPLING FOR THE HOUNDS AND POLES OF WAGONS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FREDRICK BREMERMAN, of Indianapolis, in the county of Marion, and State of Indiana, have invented a certain new and useful Improvement in the Construction and Arrangement of Wagons, which relates to the operation of the tongue and the manner of turning the wagon, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and the letters marked thereon, of which—

Figure 1 shows the front axle, hounds, coupling, and tongue of a wagon; also a device attached to the hounds which serves as the fifth-wheel, or guide and support, in turning the wagon; also as a tongue-support and hinge.

Figure 2 shows the device shown in fig. 1 detached, showing the bolts for attaching the same, and the bolt by which the tongue is attached, and which serves as a hinge for the same.

Figure 3 shows the view of the device shown in figs. 1 and 2.

- A is the axle.
- B, the hounds.
- C, the coupling-pole.
- D, the tongue.

E is the segment of a circle, and is designed to support the weight of the hounds and tongue resting upon the end of the coupling-pole C, which is constructed to operate in the same while supporting the weight of the hounds and tongue.

F is a bed or chamber to receive the tongue, which is hinged by the bolt G, so as to allow the raising of the tongue.

H are flanges for attaching the device, shown in figs. 2 and 3, to the hounds, as shown in fig. 1.

The following is the operation of my improvement:

The coupling-pole C, extending through over the axle, rests under the segment E, and is allowed to slide upon the same the distance required in turning the wagon. Thus the end of the coupling-pole supports the weight of the hounds and tongue. The tongue, resting in the bed or chamber F, is not allowed to fall down below the required position, while the hinge or bolt J allows it to be raised to the required height.

The advantages of this arrangement are seen in the fact, that while it relieves the horses' necks of the weight of the tongue and hounds, as when the limber-tongue is used, it allows the upward motion of the tongue when required.

The device or attachment above described may be of cast or wrought-iron, or other suitable material having the required strength and durability.

What I claim as my invention, and desire to secure by Letters Patent, as an article of manufacture, is—

The device composed of the segment E, bed or chamber F, with flanges H, when constructed and arranged substantially in the manner and for the purposes set forth.

FREDRICK BREMERMAN.

Witnesses:

JOHN H. REDSTONE,
WM. SULLIVAN.