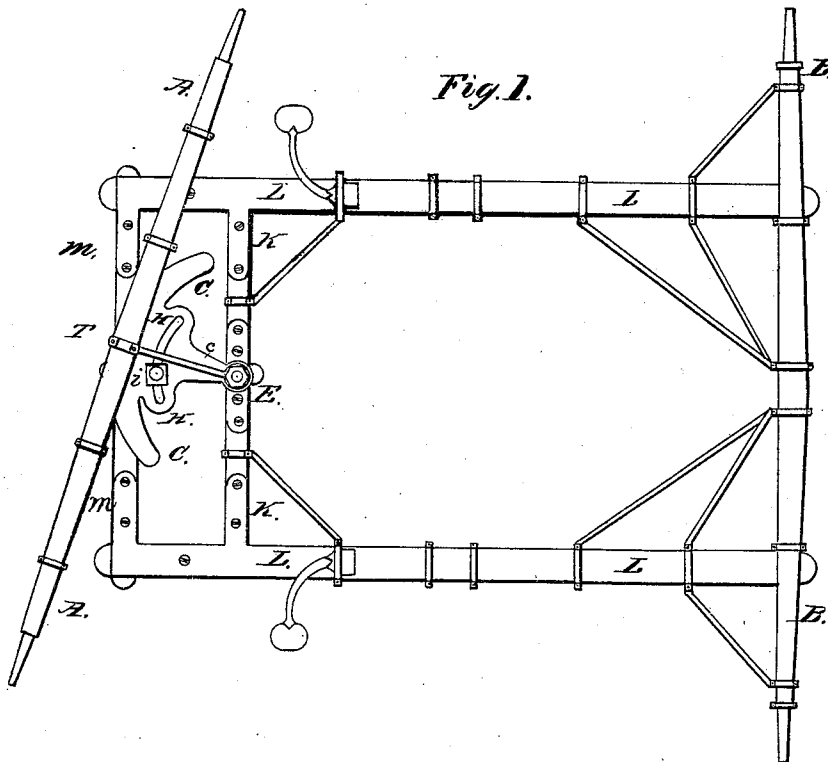


G. A. BRICE.

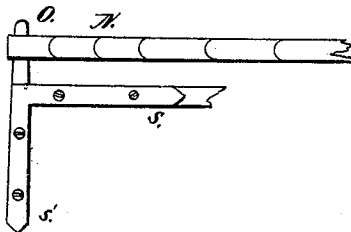
Fifth-Wheels for Vehicles.

No. 140,676.

Patented July 8, 1873.



*Fig. 2.*



Witnesses,

A. B. Richmond  
A. M. Ballum

Inventor,

Geot Brice

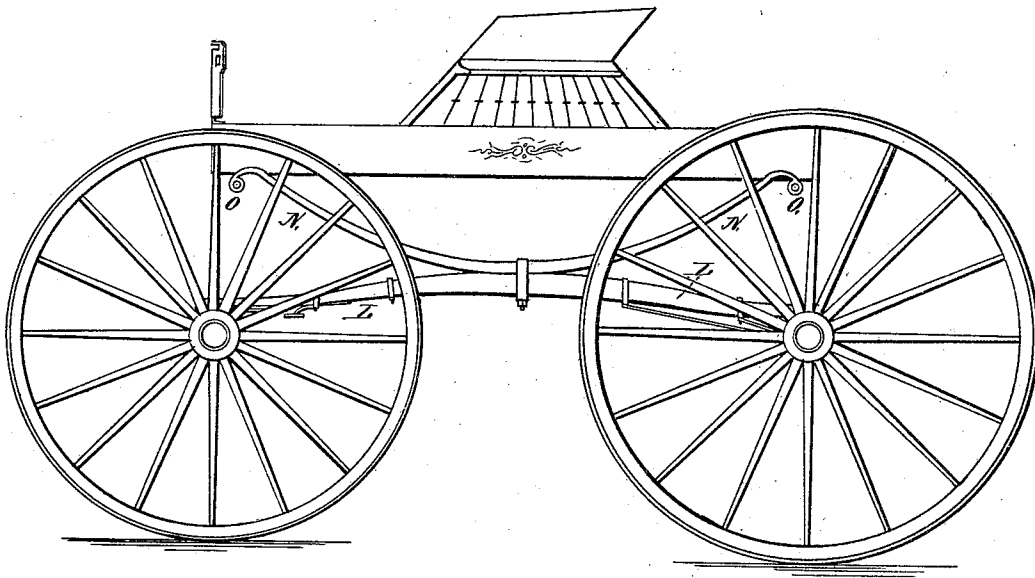
G. A. BRICE.

Fifth-Wheels for Vehicles.

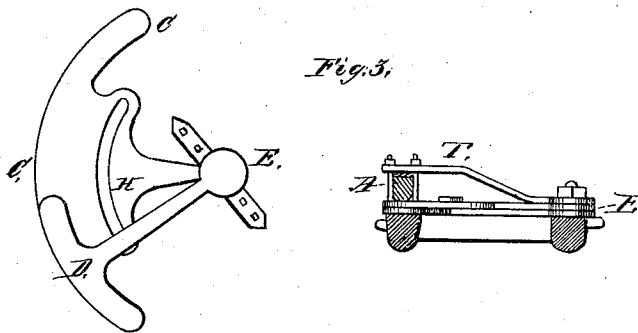
No. 140,676.

Patented July 8, 1873.

*Fig. 4.*



*Fig. 5.*



*Witnesses*

*A B Richmond*  
*Attorney*

*Inventor*

*Geo A Brice*

# UNITED STATES PATENT OFFICE.

GEORGE ASA BRICE, OF TOWNVILLE, PENNSYLVANIA.

## IMPROVEMENT IN FIFTH-WHEELS FOR VEHICLES.

Specification forming part of Letters Patent No. **140,676**, dated July 8, 1873; application filed February 1, 1873.

*To all whom it may concern:*

Be it known that I, GEORGE ASA BRICE, of Townville, Crawford county, Pennsylvania, have invented certain Improvements in Spring-Wagons, of which the following is a specification:

The first part of my invention relates to a new method of attaching the front axle-tree to the spring-bar, and is constructed as follows, to wit:

Figure 1 is a bottom view of my wagon.

A is the front axle-tree; B, the back axle. LL are two side spring-bars, clipped or bolted on the axle-trees, and secured thereto by proper braces. M is the front cross-bar, and K the anchor-bar. C is an anchor or quadrant shaped metal plate, better shown at Fig. 3. This plate C is bolted to the axle-tree A, and is provided with a center or radial arm, *c*, running back to the bar K, through which the king-bolt E passes. H is an arc-shaped slot, through which the guide-bolt *i* passes. D is an anchor-piece, shaped as shown at D, Fig. 3. This piece is bolted to the bar M, and also has a radial arm running back to the bar K, through the end of

which the king-bolt E passes. The guide-bolt *i* passes through the slot H and is screwed to D, the bolt moving freely in the slot H when the axle-tree is turned either to the right or left.

This quadrant-plate C and anchor-piece D are intended to supersede and take the place of the old head-block and fifth-wheel now in common use.

T is a safety-hook that is clipped on the axle A and passes back to the king-bolt E.

It will be seen that this construction dispenses with a reach, and can be constructed with much greater strength than either the old head-block or fifth-wheel.

What I claim as my invention is as follows, to wit:

The anchor or quadrant shaped plate C, having the arm *c* and arc-shaped slot H, in combination with the anchor-shaped plate D, substantially as and for the purpose specified.

GEORGE ASA BRICE.

Witnesses:

A. B. RICHMOND,  
ROE REISINGER.