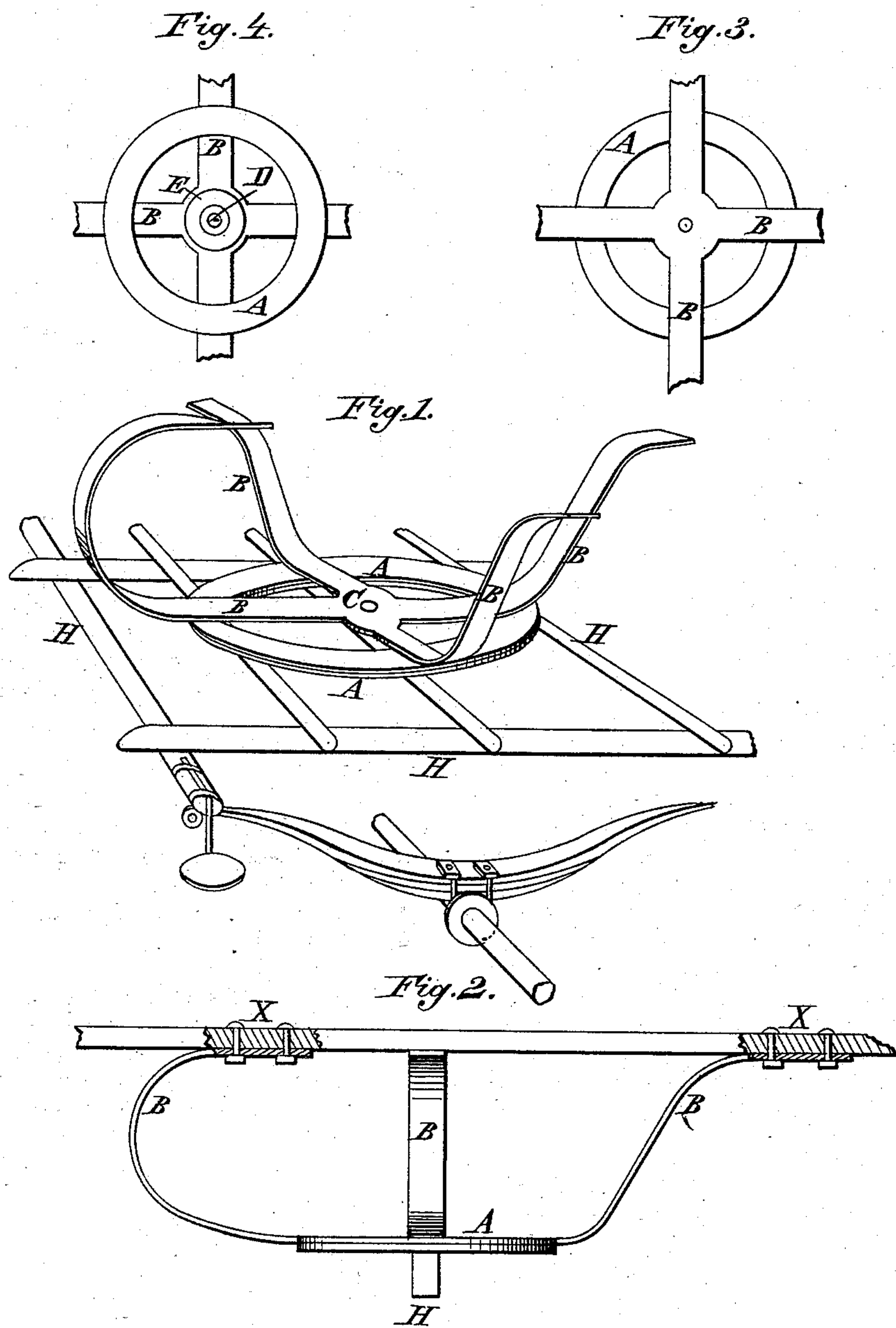


C. C. BISHOP.
Spring-Raiser for Wagons.

No. 215,561.

Patented May 20, 1879.



Attest:
H. H. Schott,
E. A. Dick

Inventor:
Chas. C. Bishop

UNITED STATES PATENT OFFICE.

CHARLES C. BISHOP, OF NASHVILLE, TENNESSEE, ASSIGNOR OF ONE-HALF
HIS RIGHT TO JOSEPH A. BISHOP, OF SAME PLACE.

IMPROVEMENT IN SPRING-RAISERS FOR WAGONS.

Specification forming part of Letters Patent No. **215,561**, dated May 20, 1879; application filed
October 28, 1878.

To all whom it may concern:

Be it known that I, CHARLES C. BISHOP, of the city of Nashville, county of Davidson, and State of Tennessee, have invented a certain new and useful Improvement in Raisers for Platform-Wagons, of which the following is a specification.

The invention relates to the raisers for the front part of platform-wagons.

The object of my invention is to provide raisers for the front carriage part of platform-wagons which will be simple, durable, strong, light, and not liable to decay, and, further, so that the body or bed of the wagon may be raised to any desired height.

The invention consists in the arrangement of two iron bars crossed and welded in the center in connection with a fifth-wheel and a king-bolt plate, so as to raise the body of the wagon to any desired height; and it finally consists in the particular construction and arrangement of the raiser-gearing.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 shows the invention attached to an ordinary gearing. Fig. 2 is a sectional view. Fig. 3 is a top view. Fig. 4 is the king-bolt plate.

X represents the body of a platform-wagon. H represents the ordinary gearing or carriage part of a wagon. A is a fifth-wheel, made of iron. B B represent two arms, made of iron and joined in the center of the fifth-wheel. D is a king-bolt, made of iron. C is a hole for the king-bolt. E is an iron plate called a "king-bolt plate."

The arms B B, the fifth-wheel A, and the king-bolt plate E are cast or wrought in one piece, with a hole, C, in the center for the king-bolt D. B B may be riveted to A where the arms intersect the circumference.

What I claim is—

1. The spring-raisers B B, crossed upon and made integral with the upper plate of the fifth-wheel, as specified.

2. The spring-raisers B B, crossed upon and made integral with the upper plate of the fifth-wheel, in combination with the lower plate supported upon the forward platform of a wagon, in the manner substantially as shown and described.

CHAS. C. BISHOP.

Witnesses:

JAS. EVERETT,
J. P. HUTCHISON.