

No. 771,379.

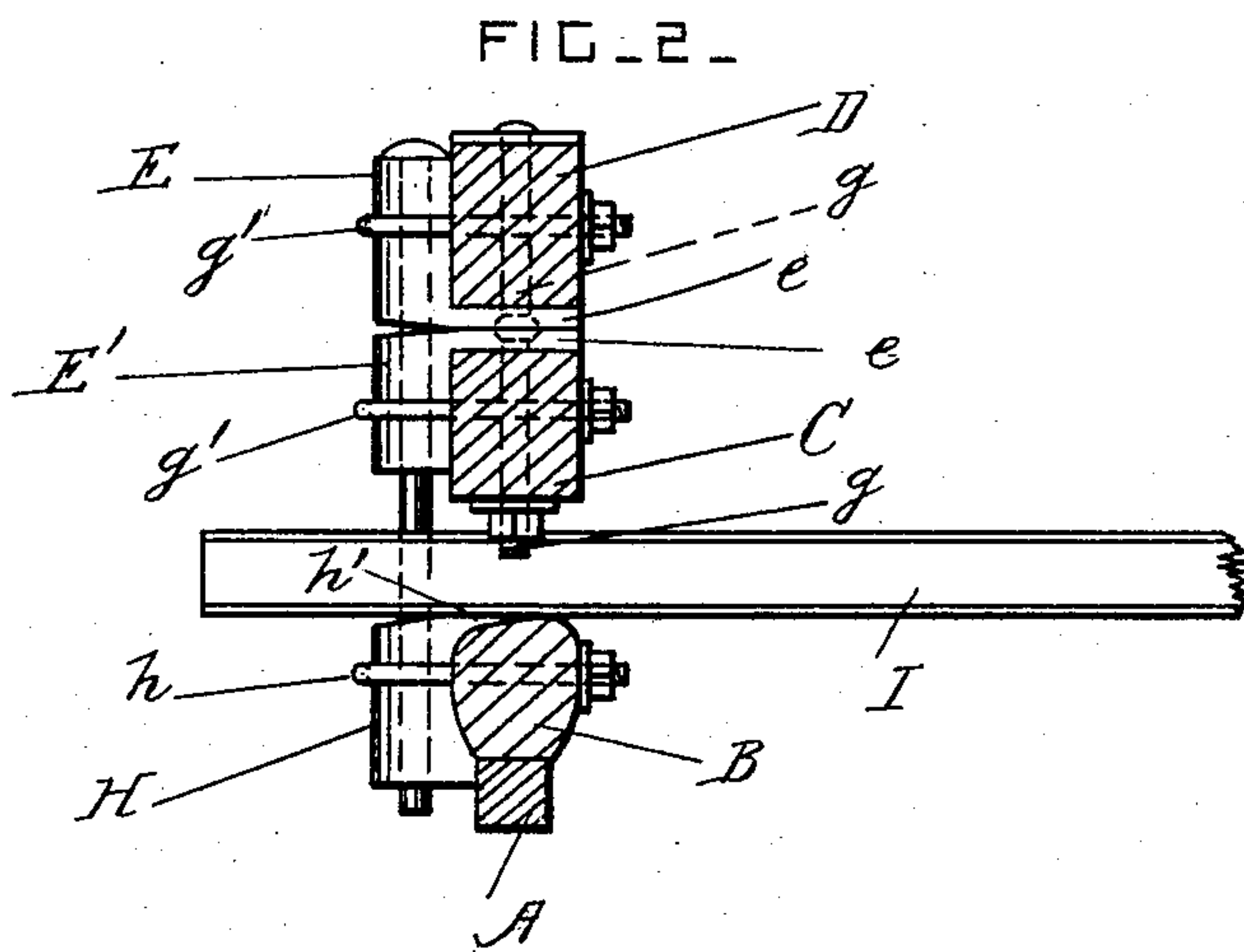
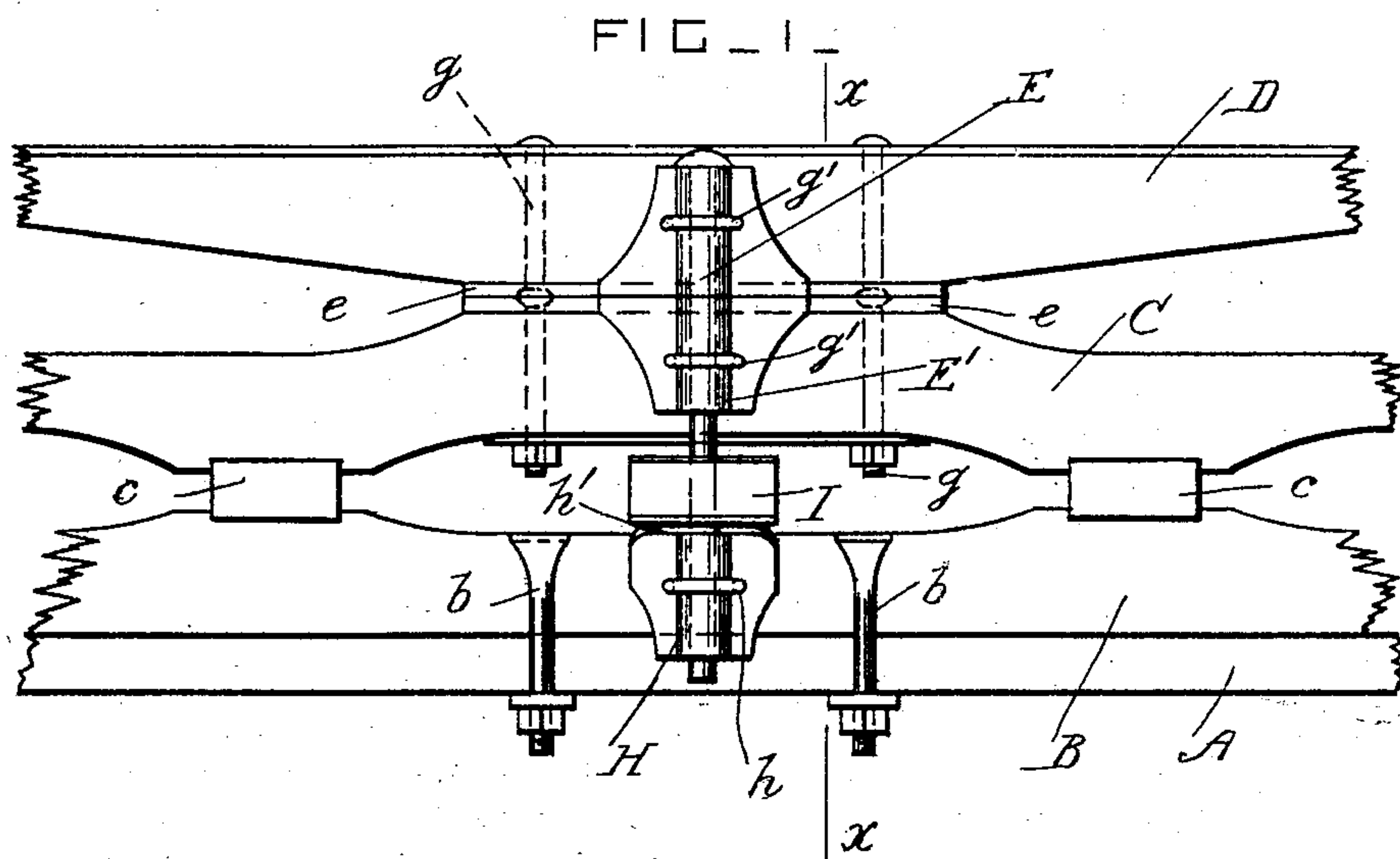
PATENTED OCT. 4, 1904.

H. E. MARTIN.

KING BOLT.

APPLICATION FILED FEB. 15, 1904.

NO MODEL.



WITNESSES:

J. Spragg Pole
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INVENTOR

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UNITED STATES PATENT OFFICE.

HORACE E. MARTIN, OF ATHENS, GEORGIA.

KING-BOLT.

SPECIFICATION forming part of Letters Patent No. 771,379, dated October 4, 1904.

Application filed February 15, 1904. Serial No. 193,686. (No model.)

To all whom it may concern:

Be it known that I, HORACE E. MARTIN, a citizen of the United States, residing at Athens, in the county of Clarke and State of Georgia, have invented certain new and useful Improvements in King-Bolts; 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 king-bolts; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a front view of the king-bolt and the parts connected with it. Fig. 2 is a cross-section taken on the line $x x$ in Fig. 1.

A is a vehicle-axle, and B is an axle-cap secured to the said axle by clip-bolts b or in any other approved manner.

C is the sand-bolster, and c represents the hounds between the sand-bolster and the axle-cap.

D is the rocking bolster.

E and E' are king-bolt sockets secured, respectively, to the rocking bolster and to the sand-bolster. Each socket has a bolster-plate e , and the holes for the king-bolt F are arranged to one side, so that the bolsters are not perforated to receive the king-bolt. The sockets are secured to their bolsters by bolts g , which pass vertically through the bolster-plates and bolsters, and loop bolts or clips g' , which straddle the middle part of the sockets and pass through holes in the side portions of their front plates and in the bolsters horizontally.

H is a king-bolt socket which is secured to

the axle-cap B by means of a loop bolt or clip h , which straddles the socket and which passes horizontally through holes in the axle-cap. The upper edge of the socket H is provided with a lip h' , and I is the end portion of a coupling-pole which rests on the said lip between the sand-bolster and axle-cap. The king-bolt F passes vertically through all three sockets and through a hole in the said coupling-pole.

What I claim is—

1. The combination, with a sand-bolster, and a rocking bolster, of king-bolt sockets arranged to one side of the said bolsters and provided with holes in the side portions of their front plates, loop-bolts which straddle the middle parts of the said sockets and which pass through the said holes and secure the said sockets to the said bolsters, and a king-bolt passing through the said sockets to one side of the said bolsters.

2. The combination, with an axle, an axle-cap, a sand-bolster, and hounds between the said axle-cap and sand-bolster, of a king-bolt socket secured to one side of the said axle-cap and provided with a projecting lip at its top, a coupling-pole which rests on the said lip, a rocking bolster, king-bolt sockets secured to one side of the said sand-bolster and rocking bolster, and a king-bolt which passes vertically through the three said sockets and through the said coupling-pole.

In testimony whereof I have affixed my signature in the presence of two witnesses.

HORACE E. MARTIN.

Witnesses:

M. B. SAYE,
B. C. TURNER.