

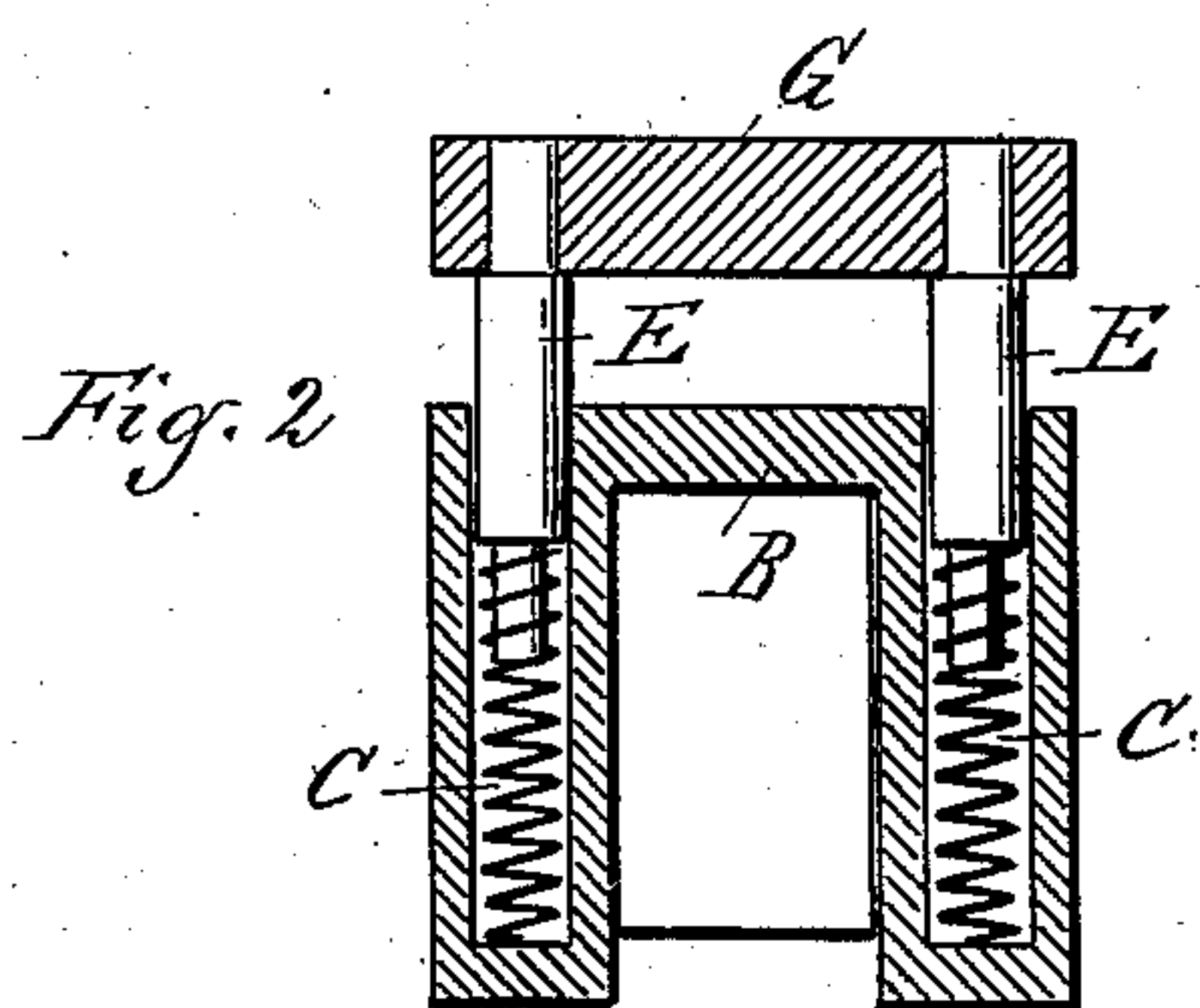
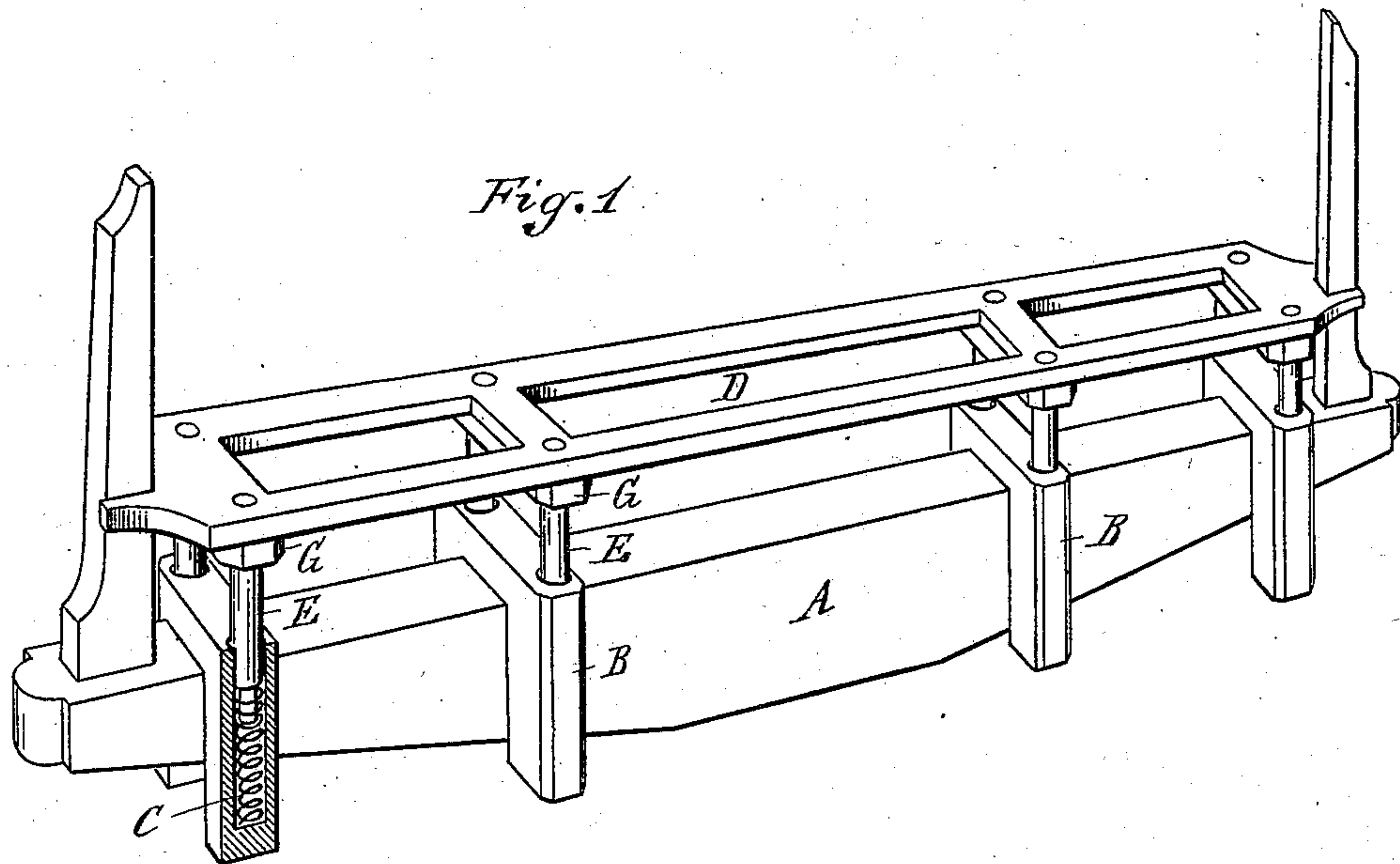
(No Model.)

J. W. HARRISON.

WAGON SPRING.

No. 256,564.

Patented Apr. 18, 1882.



Attest:
A. Barthel
Charles J. Hunk

Inventor:
Jonathan W. Harrison
per Thos. S. Sprague
Atty

UNITED STATES PATENT OFFICE.

JONATHAN W. HARRISON, OF WAYNE, MICHIGAN, ASSIGNOR OF ONE-HALF
TO ORANGE BUTLER, OF SAME PLACE.

WAGON-SPRING.

SPECIFICATION forming part of Letters Patent No. 256,564, dated April 18, 1882.

Application filed September 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN W. HARRISON, of Wayne, in the county of Wayne and State of Michigan, have invented an Improvement in Wagons, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of wagons, and particularly relates to the peculiar construction of a bolster-spring for supporting the body.

Figure 1 is a sectional perspective, showing a wagon-bolster provided with my improved spring. Fig. 2 is a vertical cross section through one of the saddles and its springs.

In the accompanying drawings, which form a part of this specification, A represents a wagon-bolster of the ordinary construction.

B represents saddles or yokes, which are designed to straddle the bolster, as shown in Fig. 1, and the legs of which are recessed to receive the springs C. E are pins, the lower ends of which rest upon the top of the springs, as shown, while their upper ends are connected together in pairs by the bars G, and upon these bars the bed-plate D is laid, and secured, if desired, to the end yokes, while the intermediate bars may be left loose or be likewise se-

cured to the bed-plate. By this construction, I provide a cheap and effective spring for supporting the body or box, while I can readily increase their number, as may be desired, by merely slipping in one or more yokes with springs, as the circumstances may require.

It will also be seen that by providing suitable hooks upon the saddles or yokes, so as to hang them upon the edge of the box, the device may be employed as a seat-spring.

I am aware that it is not new to provide bolsters with saddles having sockets from which project springs for supporting a wagon-body, and therefore I do not claim such invention.

What I claim as my invention is—

The saddles or yokes B, constructed to straddle the bolster, and provided with sockets on each side of said bolster, in combination with the spiral springs C, the bed-plate D, and the pins E, secured at their upper ends to the bed-plate, said pins being constructed to closely fit the saddle-sockets, and provided with studs to fit inside of the springs, as and for the purpose specified.

JONATHAN W. HARRISON.

Witnesses:

H. S. SPRAGUE,
CHARLES J. HUNT.