

A. S. BABBITT.

Car Seat.

No. 44,379.

Patented Sept. 27, 1864.

Fig. 2.

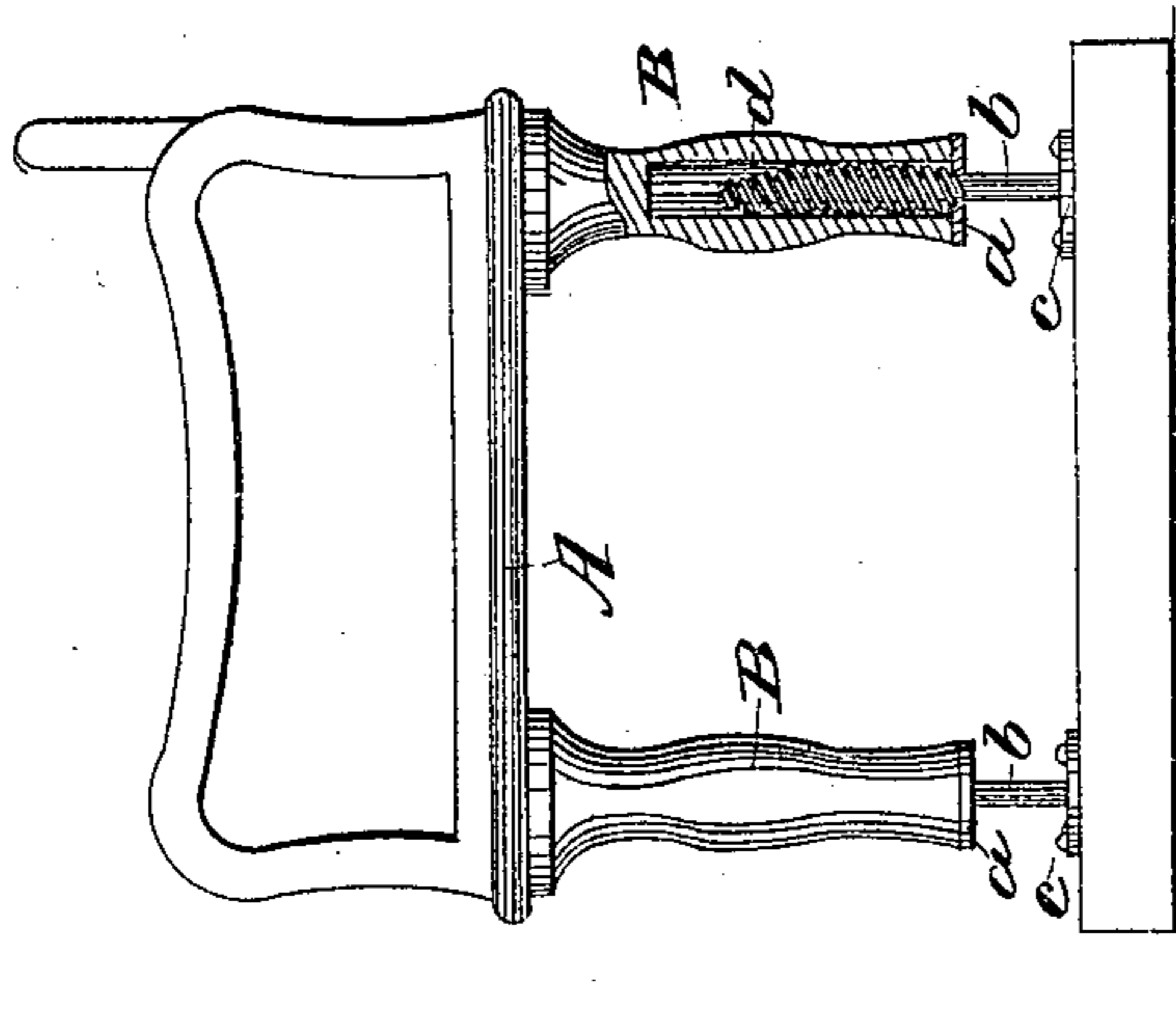
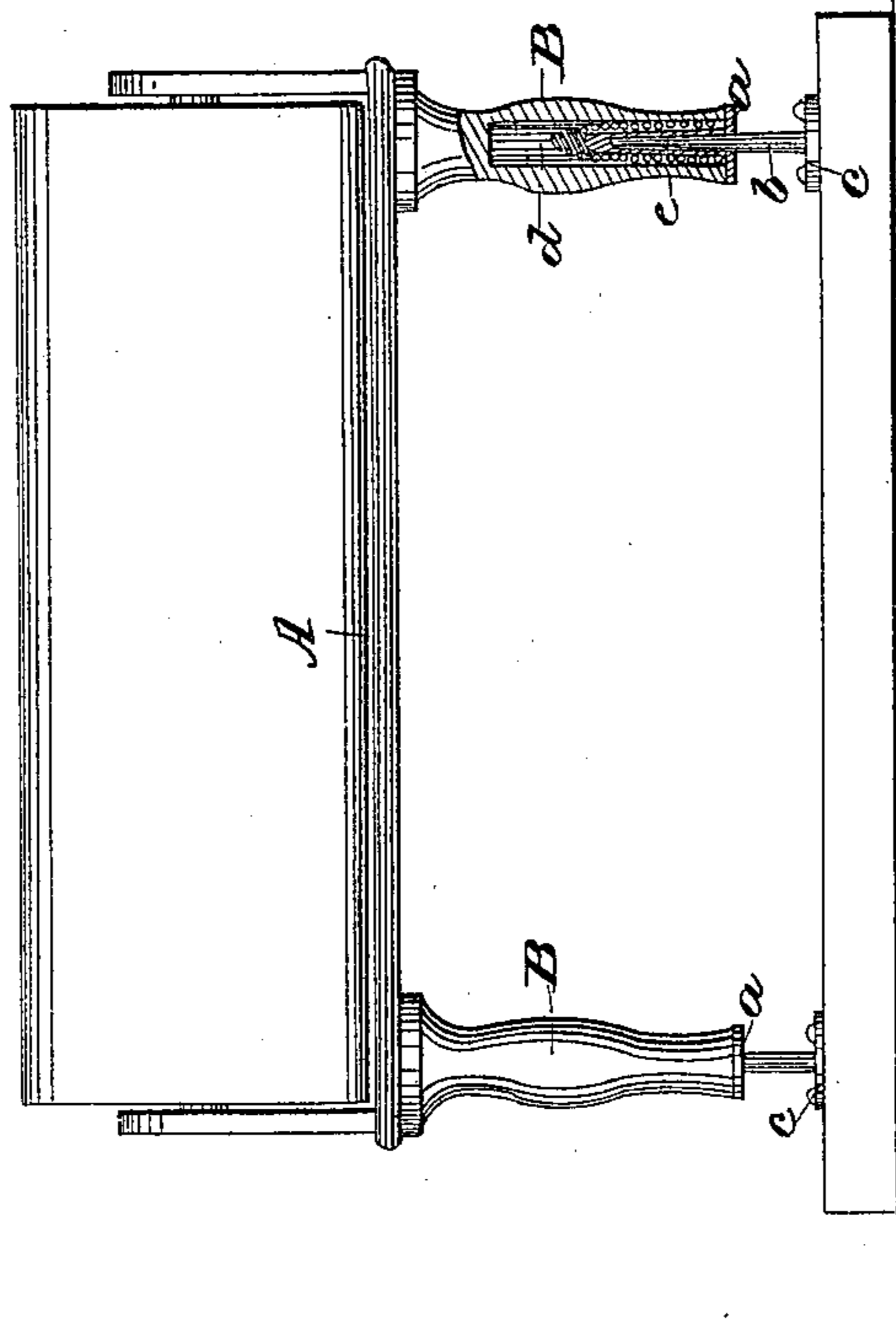


Fig. 1.



Witnesses
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A. S. BABBIT, OF KEESEVILLE, NEW YORK.

IMPROVEMENT IN RAILROAD-CAR SEATS.

Specification forming part of Letters Patent No. 44,379, dated September 27, 1864.

To all whom it may concern:

Be it known that I, A. S. BABBIT, of Keeseville, in the county of Essex and State of New York, have invented a new and Improved Spring-Support for Car-Seats, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front elevation of this invention, partly in section. Fig. 2 is a side elevation of the same, also partly in section.

Similar letters of reference indicate corresponding parts.

The object of this invention is to support by springs car seats or other fixed articles of furniture to be used in a movable conveyance—such as berths in vessels—said springs being connected to the legs of the seat or to the frame of the fixed article of furniture so that they stretch when the seat or other article of furniture is occupied, and that the stems or cores round which the springs are wound form guides for the legs or frame and prevent the seat or other articles of furniture changing its place spontaneously.

A represents a car-seat of any desirable and known construction and supported by legs B. These legs, instead of being rigidly fastened down to the bottom of the car, are supported by plates or disks *a*, which move up and down on pins or studs *b*, and these pins rise from flanges *c*, which are securely bolted down to the bottom of the car. The plates *a* are suspended from springs *d*, which are wound round the upper portions of the pins *b*, and the upper ends of said springs are firmly secured to the points of the pins in any suitable manner.

In the drawings, a wooden core, *e*, is shown on the top ends of the pins *b*, so that the spring can be enlarged, and by giving to the spring a basket form, or closing up its upper end, it is prevented from slipping down over

the wooden core. I do not wish to confine myself, however, to any one particular method of attaching the springs to the pins or cores, but reserve the right to effect this purpose in the most economical and most durable manner.

In practice the plates *a* will be rigidly attached to the bottom ends of the legs, and the pins *b* form sure and firm guides for the legs, as will be readily understood by referring to the drawings, and if a person sits down on the seat the springs are extended so that any amount of motion can be given to them. By the action of the springs the motion of the seat is rendered easy, and the jerks and jolts of the car are not felt by the person or persons occupying the seat.

It is obvious that berths or benches in vessels may be supported by the same or similar springs secured in the frame of the article to which they are attached, and while all the beneficial effects of the spring are obtained the berth or other article is prevented by the center pins from changing its position spontaneously.

I claim as new and desire to secure by Letters Patent—

The application to car-seats or other fixed articles of furniture to be used in a movable conveyance of flanged blocks *C*, provided with shanks *b* that pass up through plates *a*, which are suspended from springs secured to the top ends of the shanks *b* and made to support the car-seat or other article, substantially as described, so that said blocks can be readily secured to some fixed portion of the movable conveyance, and their shanks with the springs will form yielding guides to keep the seat or other article in place and render it comfortable for the person using the same.

A. S. BABBIT.

Witnesses:

WM. F. McNAMARA,
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