(No Model.) 2 Sheets—Sheet 1.

W. SENG.

ROCKING CHAIR ATTACHMENT.

No. 376,266. Patented Jan. 10, 1888.

Fig. 1.

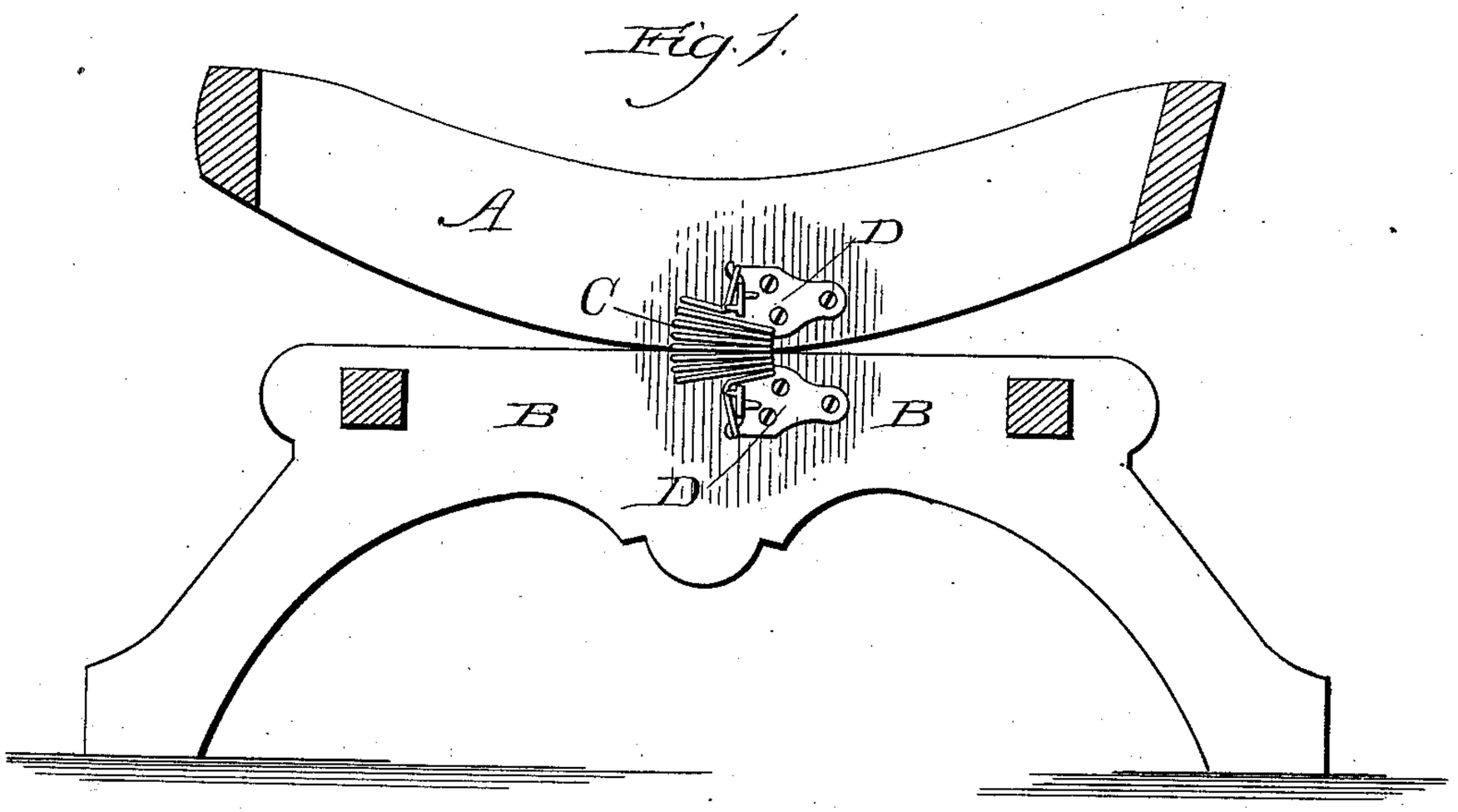


Fig. 2.

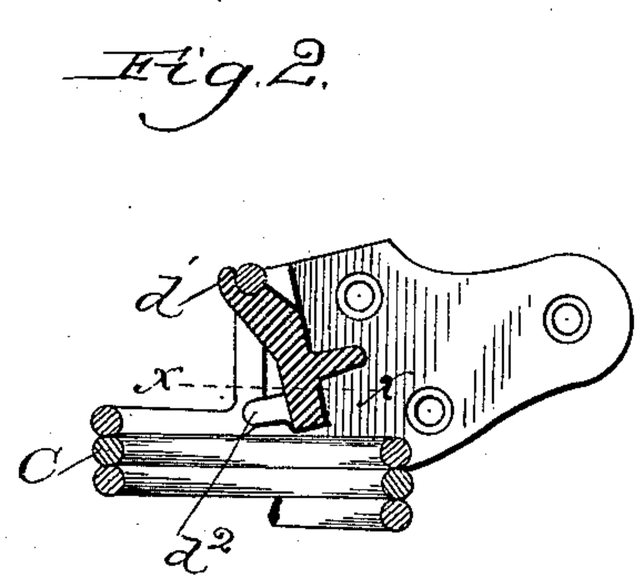


Fig. 3.

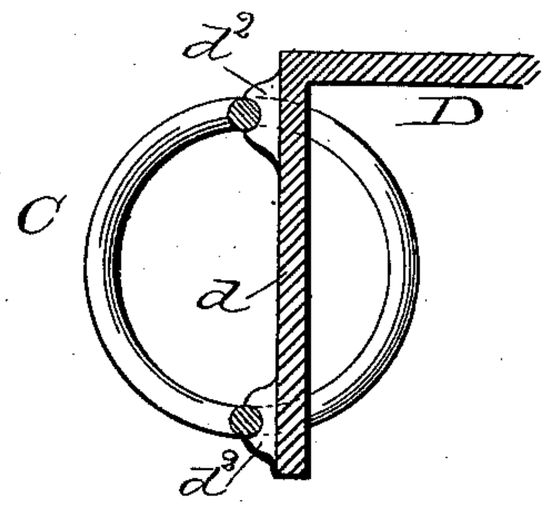
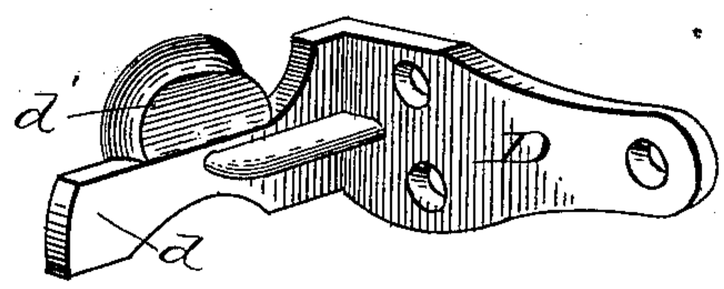


Fig. 4.



Witnesses:
Chas. E. Gayford.
E. I. Johnson.

Inventor:
Wenceslaus Seng,
By Banning & Banning,
Attys.

(No Model.) 2 Sheets—Sheet 2.

W. SENG.

ROCKING CHAIR ATTACHMENT.

No. 376,266. Patented Jan. 10, 1888.

Fig. 5.

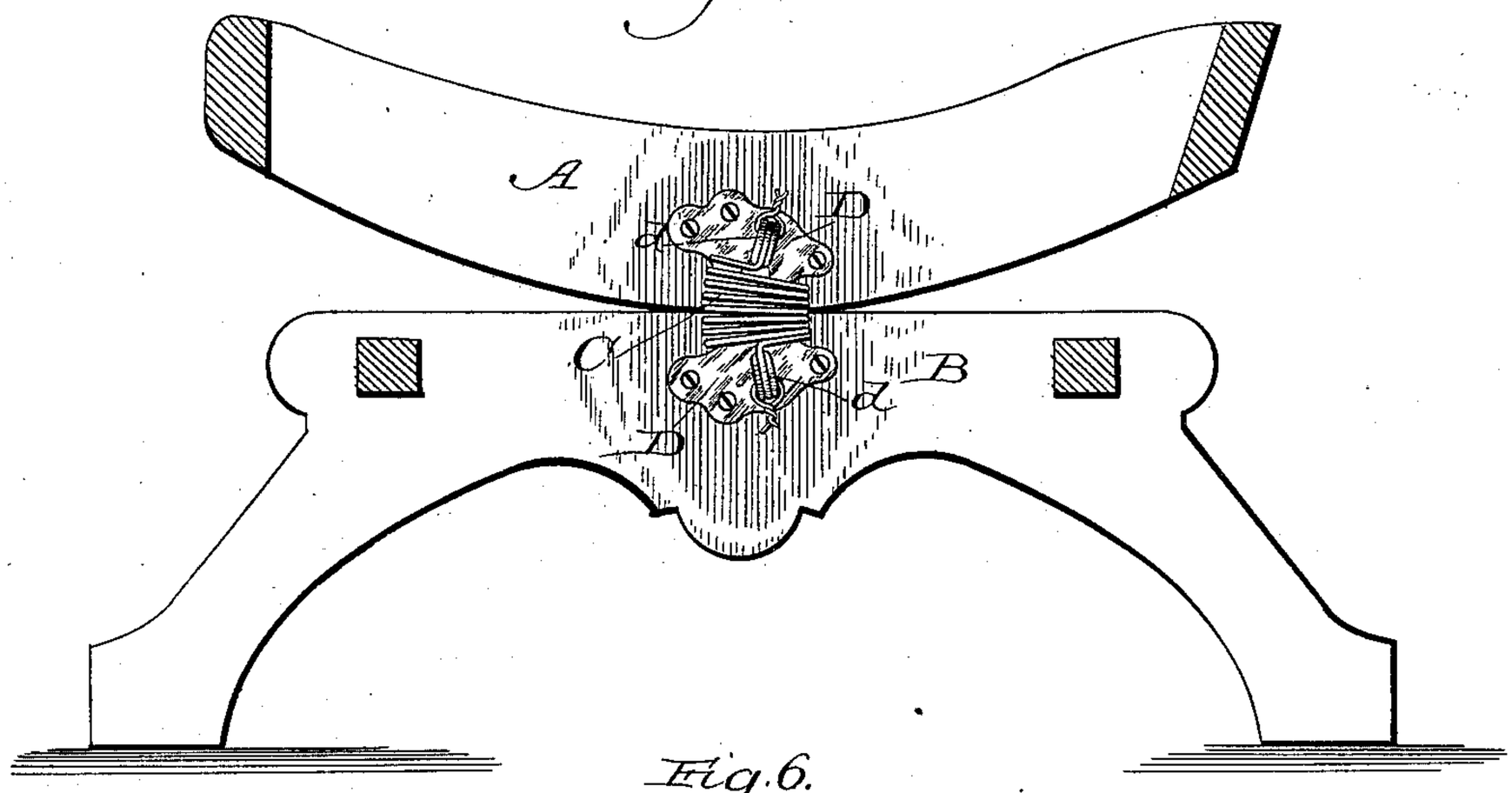


Fig. 6.

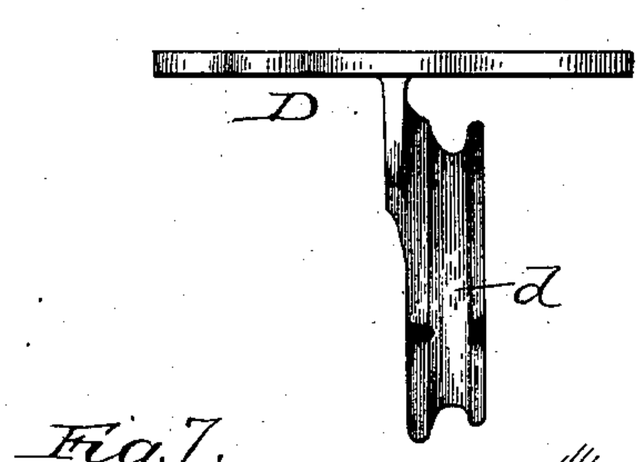
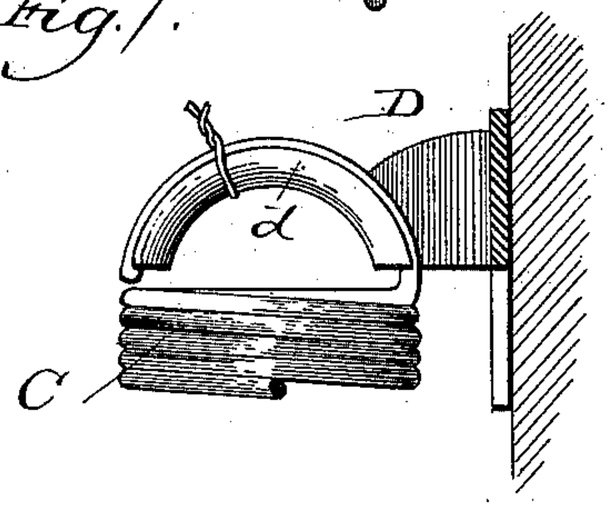


Fig. 7.



Witnesses:
Chas. E. Gaylord.
E. F. Johnson.

Inventor:
Franklin Seng.
By Banning & Banning,
Att'ys

UNITED STATES PATENT OFFICE.

WENDELIN SENG, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE ROCKER SPRING COMPANY, OF SAME PLACE.

ROCKING-CHAIR ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 376,266, dated January 10, 1888.

Application filed July 26, 1887. Serial No. 245,301. (No model.)

To all whom it may concern:

Be it known that I, WENDELIN SENG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Rocking-Chair Attachments, of which the following is a specification.

The object of my invention is to make a simple cheap attachment for platform rocking-chairs; and the invention consists in the features and combinations hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a sectional elevation showing the inside of a rocker and base-rail of a platform rocking-chair equipped with my improved attachment; Fig. 2, a sectional view of the bracket and part of the spring; Fig. 3, a plan sectional view of the bracket and spring taken in line *x x* of Fig. 2; Fig. 4, a perspective view of the bracket; Fig. 5, the same as Fig. 1, except that it shows a modified form of bracket; Fig. 6, a plan view of the bracket shown in Fig. 5, detached; and Fig. 7, a sectional elevation of the spring and bracket, also detached.

A is the rocker; B, the base-rail; C, the connecting-spring; D, the attaching-bracket; *d*, the extended portion of the bracket; *d'*, the lip thereof; and d^2, studs having little grooves therein.

My improved attachment is shown in two forms; but I prefer the form shown in the first four figures. In this form the bracket consists of a plate adapted to be secured to the rocker or base-rail, and a cross-piece extending substantially at right angles thereto. This cross-piece of the bracket has a part reaching out therefrom so as to form a lip adapted to receive and hold the terminal coil of the spring. It may also be provided with little studs at the edge intended to come against the end coil of the spring, and these studs may be provided with little grooves to receive the bent portion of such end coil. The brackets may be cast as rights and lefts, and generally this construction will be found desirable.

The spring is preferably of the kind now in general use, except that its terminal wires at each end are turned and bent into loops in the peculiar way shown—that is, substantially over the diametrical center of the spring and at right angles to the rocker and base-rail of the chair when the spring is applied. This bent or looped portion is adapted to fit over the lip of the cross-piece or extended portion of the bracket, and in this way such extended portion of the bracket may be readily fitted and secured to the spring. Of course there should be one bracket for each end of the spring, and these brackets may be secured to the rocker and base-rail either before or after they are fitted to the spring; but I prefer to first attach the brackets to the rocker and base-rail and then apply the spring thereto by extending it sufficiently to enable its looped ends to be fitted over the projecting parts of the bracket.

Thus far I have been describing the construction shown in the first four figures of the drawings. In the remaining figures the bracket is shown as consisting of a plate to be attached to the rocker or base-rail of the chair, and an extended portion adapted to reach over the open end of the spring, cast somewhat in the form of a half-circle and provided with a groove. The looped end of the spring may be readily inserted in the groove of this extended portion of the bracket, and the spring and bracket thus secured together for use. This may be also done either before or after the brackets are applied to the rocker and base-rail; but, as in the other case, I prefer to first attach the brackets and then apply the springs.

It will thus be seen that the spring may be put on or taken off at pleasure, and this feature, by which the spring may be readily applied or taken off, is one of the special advantages of my invention.

Another advantage is that the front edge of the spring can be extended more than the rear edge, and by resisting the tendency of the weight of the back of the chair this aids in holding the seat portion in its proper position.

I claim—

1. A spring attachment for platform rocking-chairs, comprising a connecting-spring and an attaching-bracket for each end thereof, the spring having its terminal wire at each end bent and looped, and the bracket having a plate to be secured to the rocker or base-rail, and a portion extended crosswise sub-

stantially at right angles to the plate, adapted to receive and hold the loop of the spring also in a direction substantially at right angles to the plate, substantially as described.

2. A spring attachment for platform rocking-chairs, comprising a connecting-spring and an attaching-bracket for each end thereof, the spring having its terminal wire at each end bent and looped, and the bracket having a plate to be secured to the rocker or base-rail, and a portion extended crosswise substantially at right angles to the plate, provided with a lip forming a retaining-bearing for the looped portion of the spring to hold the same at right angles to the plate, substantially as described.

3. A spring attachment for platform rocking-chairs, comprising a connecting-spring and an attaching-bracket for each end thereof, the spring having its terminal wire at each end bent and looped, and the bracket having a plate to be secured to the rocker or base-rail, and a portion extended crosswise provided with a lip forming a retaining-bearing for the looped portion of the spring, and with grooved studs contiguous to the end coil of the spring, whereby the looped portion of the spring may be fitted into the grooves of the studs and passed over and behind the lip of the bracket in a direction substantially at right angles to its plate, substantially as described.

WENDELIN SENG.

Witnesses:
EPHRAIM BANNING,
GEORGE C. COOK.