

(No Model.)

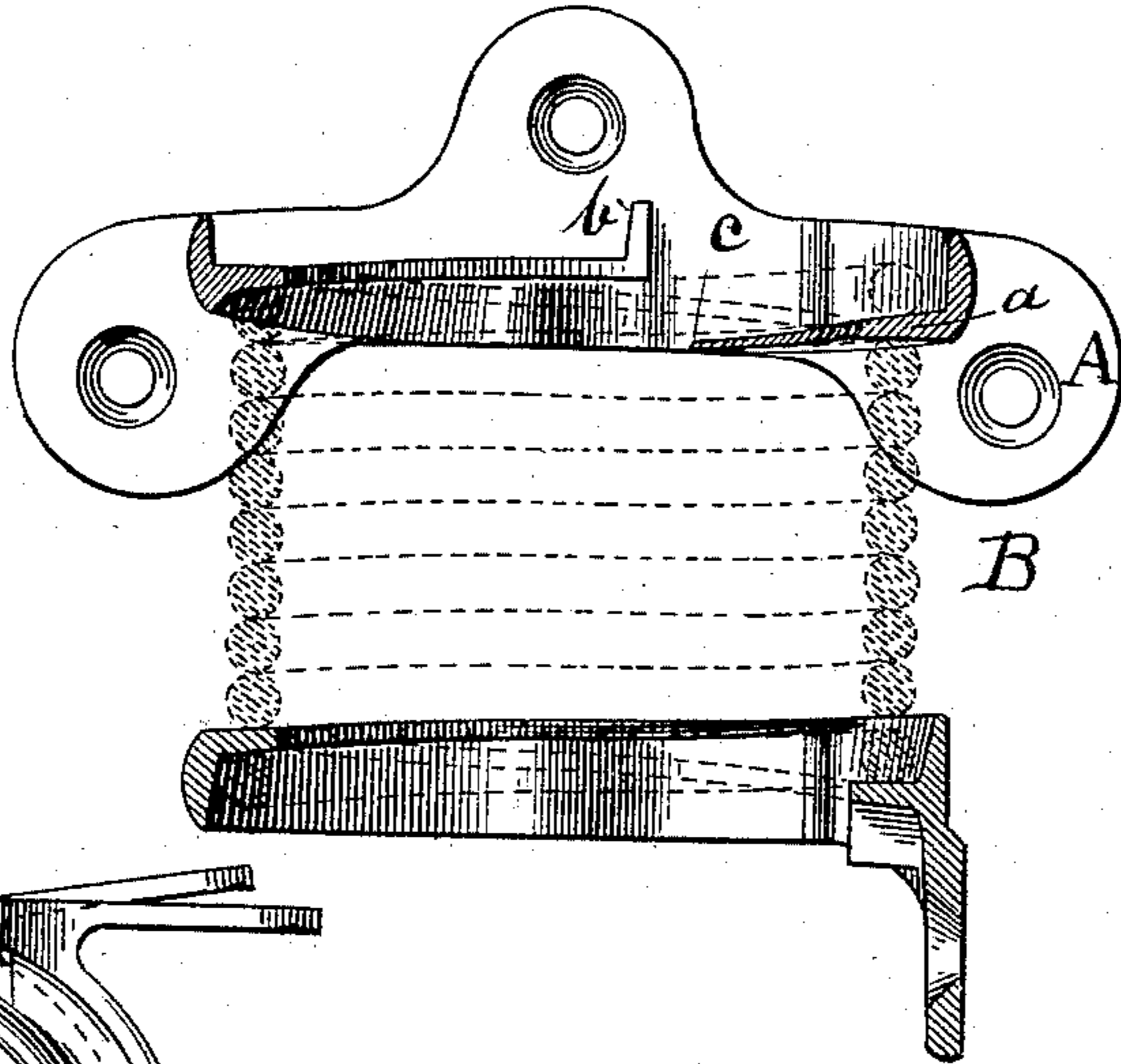
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SPRING ATTACHMENT FOR ROCKING CHAIRS.

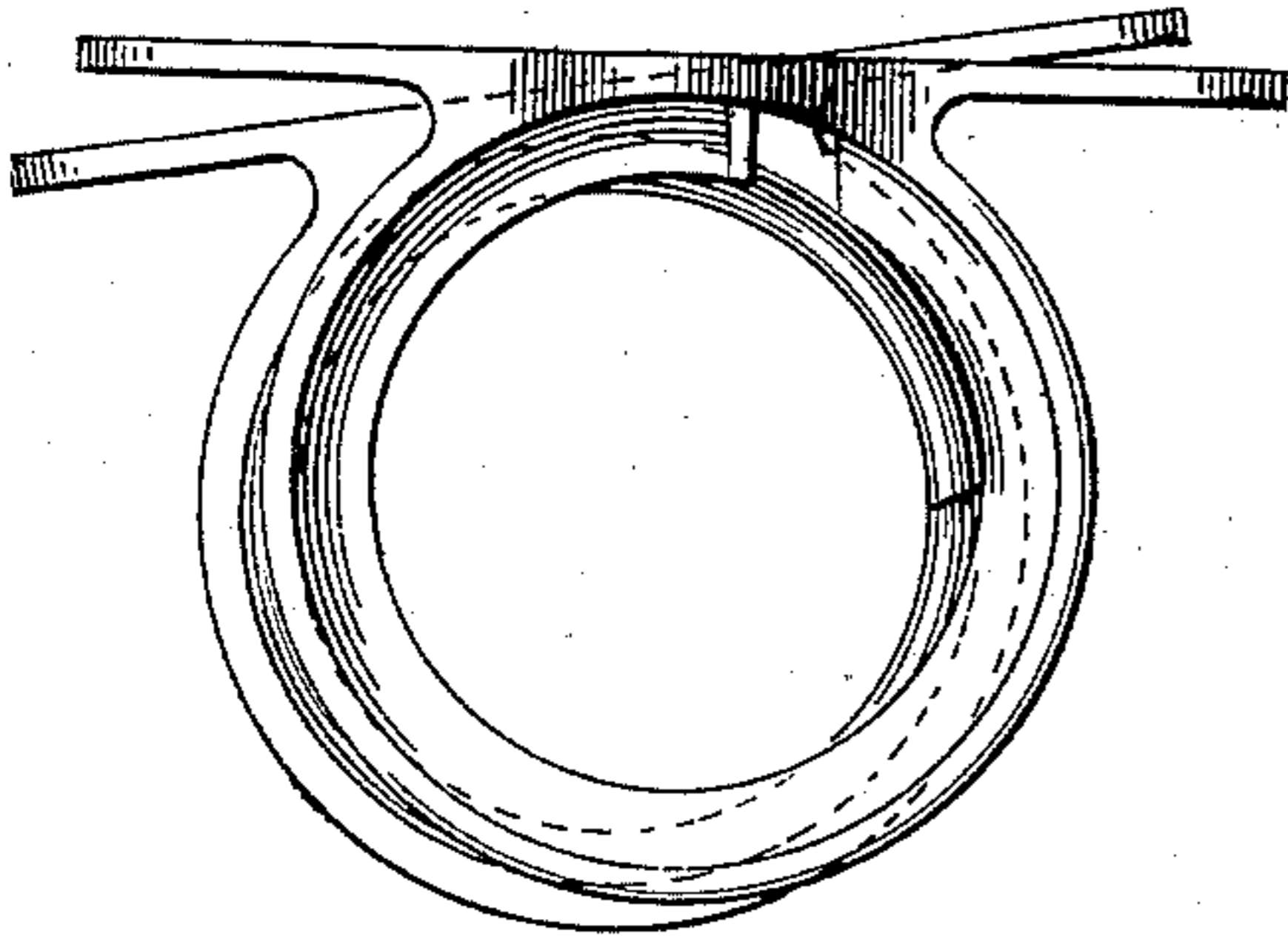
No. 314,513.

Patented Mar. 24, 1885.

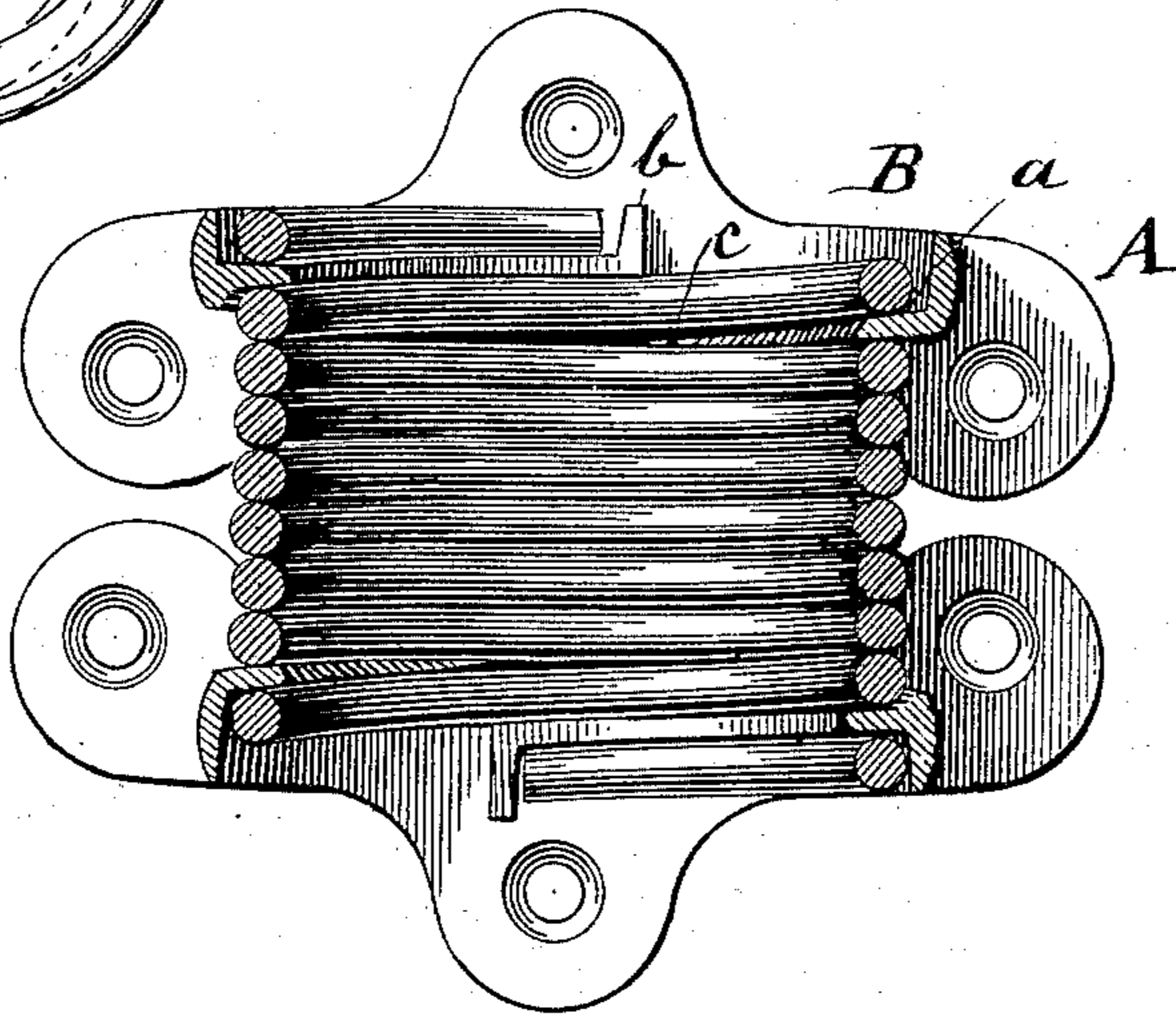
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



Witnesses:

Frank J. Blanchard.

M. J. Lageta

Inventor:

William I. Bunker

By Wm. H. Lotz  
Attorney:

# UNITED STATES PATENT OFFICE.

WILLIAM I. BUNKER, OF CHICAGO, ILLINOIS.

## SPRING ATTACHMENT FOR ROCKING-CHAIRS.

SPECIFICATION forming part of Letters Patent No. 314,513, dated March 24, 1885.

Application filed December 26, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM I. BUNKER, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Spring Attachments for Rocking-Chairs, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of the invention is to obtain a simple method of securing the parts named together without the employment of any additional tools or appliances; and to that end the invention consists of the novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a sectional view with the spring in dotted lines and showing the parts in position to be screwed together; Fig. 2, a sectional view showing the parts in position for use, and Fig. 3 a plan showing the parts in position to insert the thread between the coils.

Like letters refer to like parts in each view.

A represents the brackets, one of which is secured to the base and the other to the rocker of the chair; and B, the coil-springs forming connections between said parts, and which are to be screwed into or around said brackets. The springs employed by me in the manufacture of this style of chair are formed of heavy and stiff wire, and are coiled as closely together as possible in order to be effective.

Each bracket is provided with a thread or rim, *a*, which at one end may be provided with a lug, *b*, against which the end of the spring may abut when the parts are screwed together, while the opposite end of the thread may be pointed, as at *c*, and said thread may for a short distance from said pointed end be slightly beveled, as shown.

With springs constructed as above described, owing to the closeness of the coil and stiffness of the wire, it becomes impossible to secure the parts together or to insert the thread between the coils by bringing the end of the thread and the end of the coil together, as is done with ordinary screws or springs, and therefore it has heretofore been the custom to pry the upper coils apart with some suitable instrument and then insert the thread. This, however, I have found inconvenient, and to avoid the difficulty I place the spring and bracket in the position shown in Fig. 3, and then impart a side pressure to the parts, whereby the beveled and pointed edge of the thread is readily inserted, the roundness of the wire serving to facilitate the insertion. After this has been accomplished the parts are screwed together in the ordinary manner.

What I claim is—

1. In a rocking-chair attachment, the combination of a coiled spring with the brackets A, each of said brackets being provided with a rim or external supporting-flange and thread, *a*, substantially as described.

2. In a rocking-chair attachment, the combination of a coiled spring with the brackets A, each of said brackets being provided with a rim or external supporting-flange and thread, *a*, beveled at one end to a point and terminating in a lug, *b*, at the other end, substantially as described, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM I. BUNKER.

Witnesses:

M. J. CLAGETT,  
LOUIS NOLTING.