

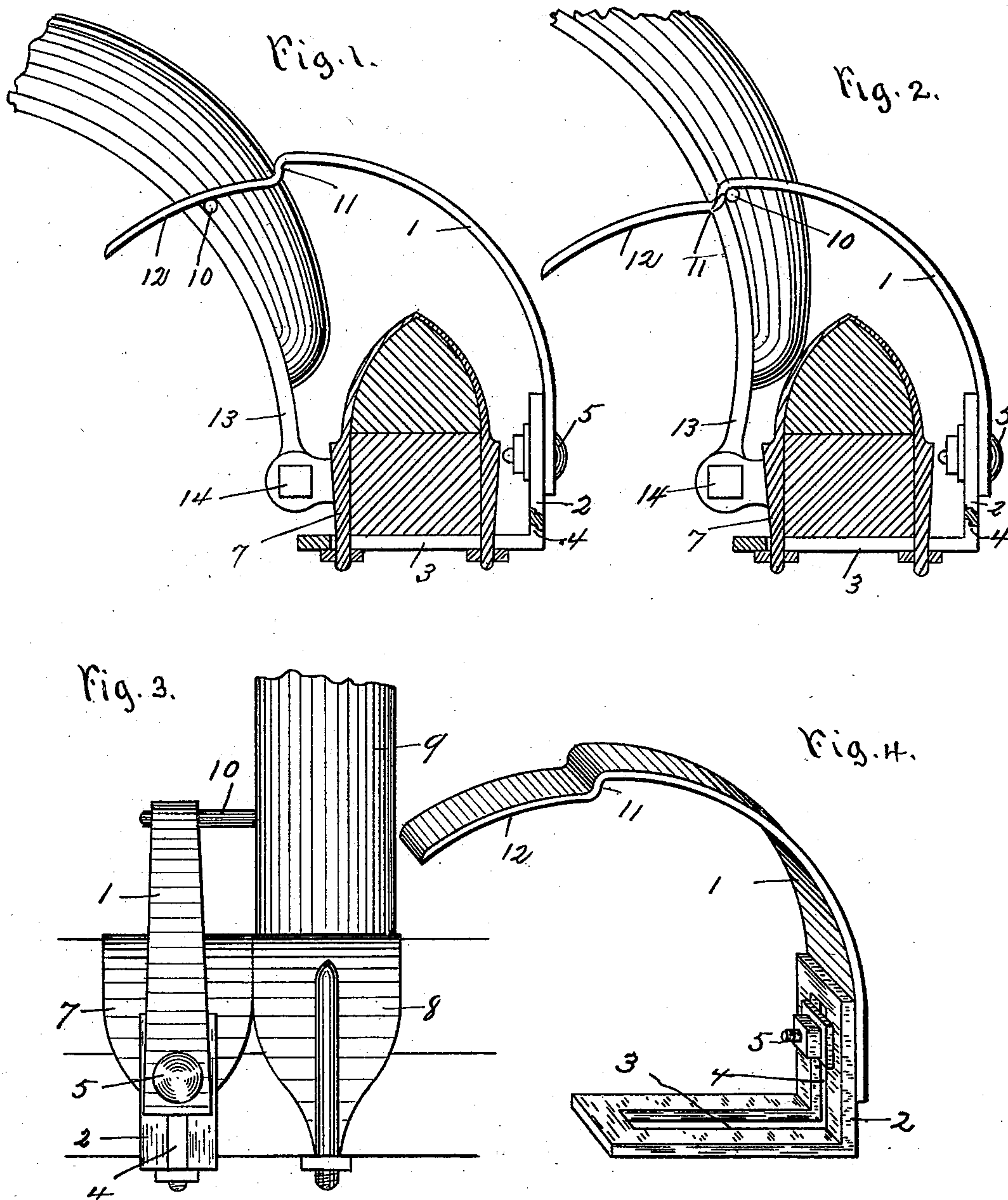
(No Model.)

D. F. TAYLOR.

COMBINED ANTIRATTLER AND THILL SUPPORT.

No. 551,699.

Patented Dec. 17, 1895.



Witnesses  
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# UNITED STATES PATENT OFFICE.

DAVID F. TAYLOR, OF WICHITA, KANSAS.

## COMBINED ANTIRATTLER AND THILL-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 551,699, dated December 17, 1895.

Application filed August 21, 1895. Serial No. 559,990. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID F. TAYLOR, a citizen of the United States of America, residing at Wichita, in the county of Sedgwick and State of Kansas, have invented certain new and useful Improvements in Antirattlers and Thill-Supports, of which the following is a specification, reference being had therein to the accompanying drawings and the figures of reference thereon, forming a part of this specification, in which—

Figure 1 is an edge view of my improved antirattler and thill-support, showing the thill and spring in position when in use. Fig. 2 is a like view of the same, showing the thill and spring in position when out of use. Fig. 3 is a rear view of the same. Fig. 4 is a perspective view of the spring and adjustable support.

This invention relates to certain improvements in antirattlers and thill-supports; and it consists of a flat spring with its loose end resting on a pin which is secured to the thill, and an adjustable support for said spring, and is for the purpose of preventing the thills from rattling while in use and holding the same up while out of use.

Referring to the drawings, 1 represents a flat spring.

2 represents an adjustable support provided with the slots 3 and 4.

5 represents a bolt which passes through the spring 1 and the slot 4, and is for the purpose of adjustably holding said spring in position. 7 is a clip around the axle for holding said spring-support. 8 is a clip for hold-

ing the thill 9. 10 is a pin passing through or secured to the thill at a point where the loose end of said spring 1 will rest upon it. 11 represents a short bend in said spring, near the loose end, and is for the purpose of engaging the pin 10 when the thill 9 is raised up, thus holding the outer end of said thill off the ground. 12 represents the loose end of said spring, and is the portion which rests on the pin 10, thus holding the thill-iron 13 snug against the bolt 14, thus preventing it from rattling. The spring at 12 is long enough to prevent the pin 10 from disengaging said spring when the thills are let down. The slot 3 is for the purpose of adjusting said spring laterally, and the slot 4 is for adjusting said spring vertically.

Having thus described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is as follows:

1. In the herein described anti-rattler and thill support, the spring support provided with the slots 3 and 4, a spring, its lower end adjustably secured to said spring support, and having a short bend near the loose end, and a pin permanently secured to the thill, for the purpose specified.

2. An anti rattler and thill support consisting of the combination of a flat spring having the bend 11, and the curved end 12, the spring support 2 having the slots 3 and 4, and the pin 10 permanently secured to the thill 9.

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