

(No Model.)

A. RILEY.
HINGE.

No. 529,312.

Patented Nov. 13, 1894.

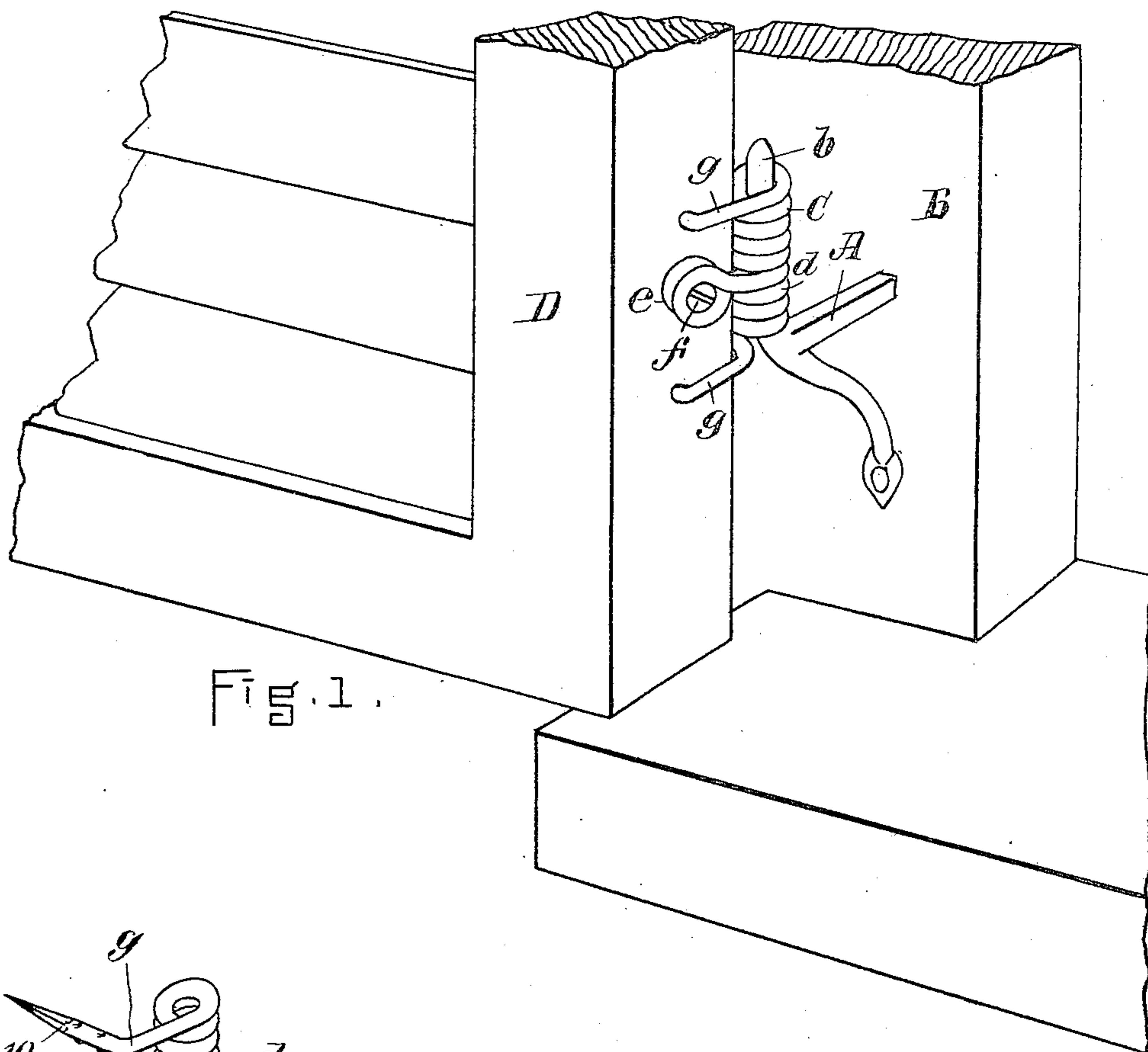


Fig. 1.

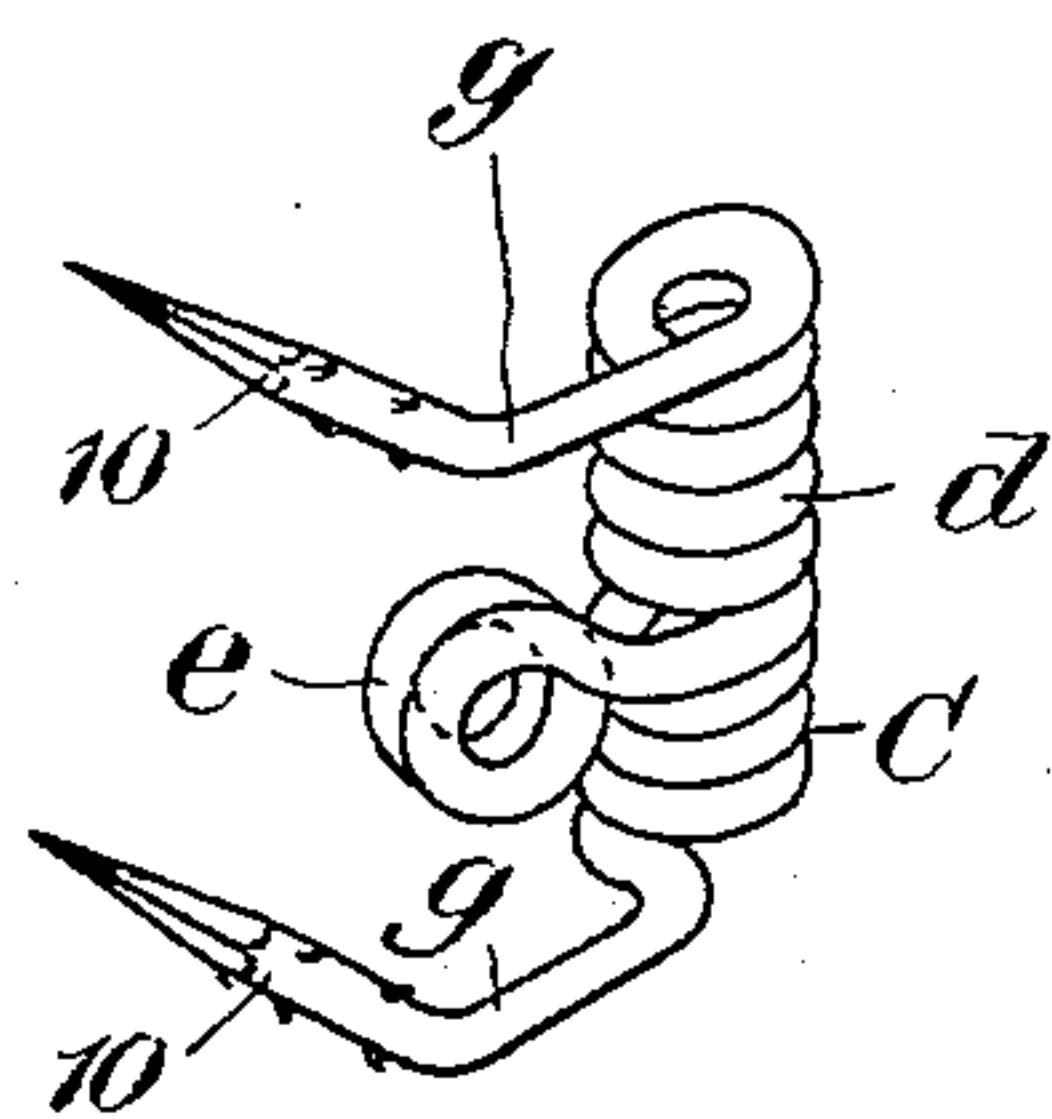


Fig. 2.

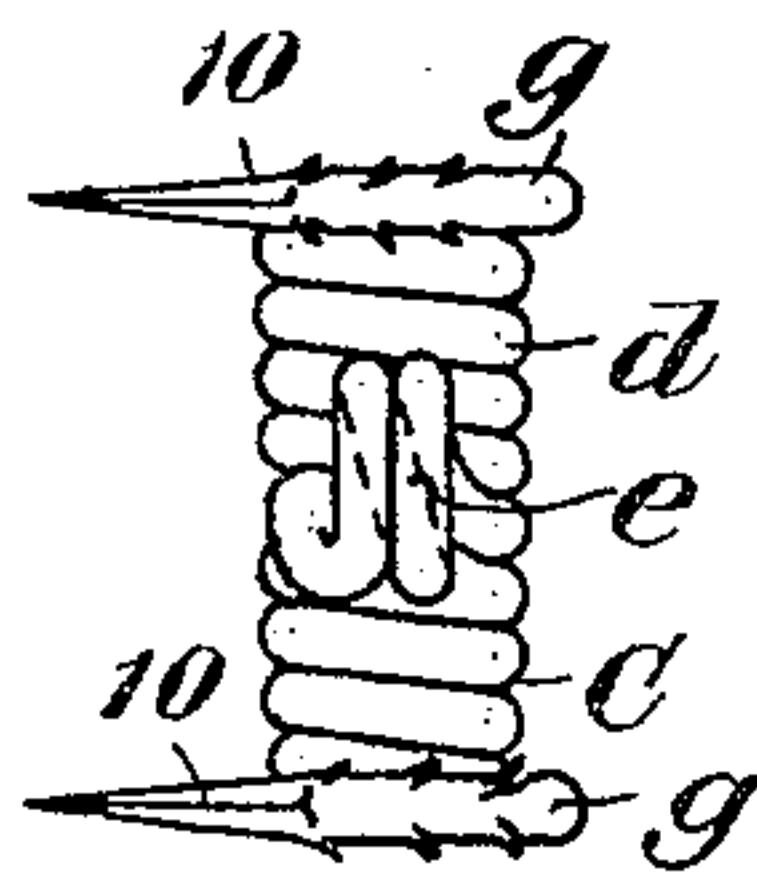
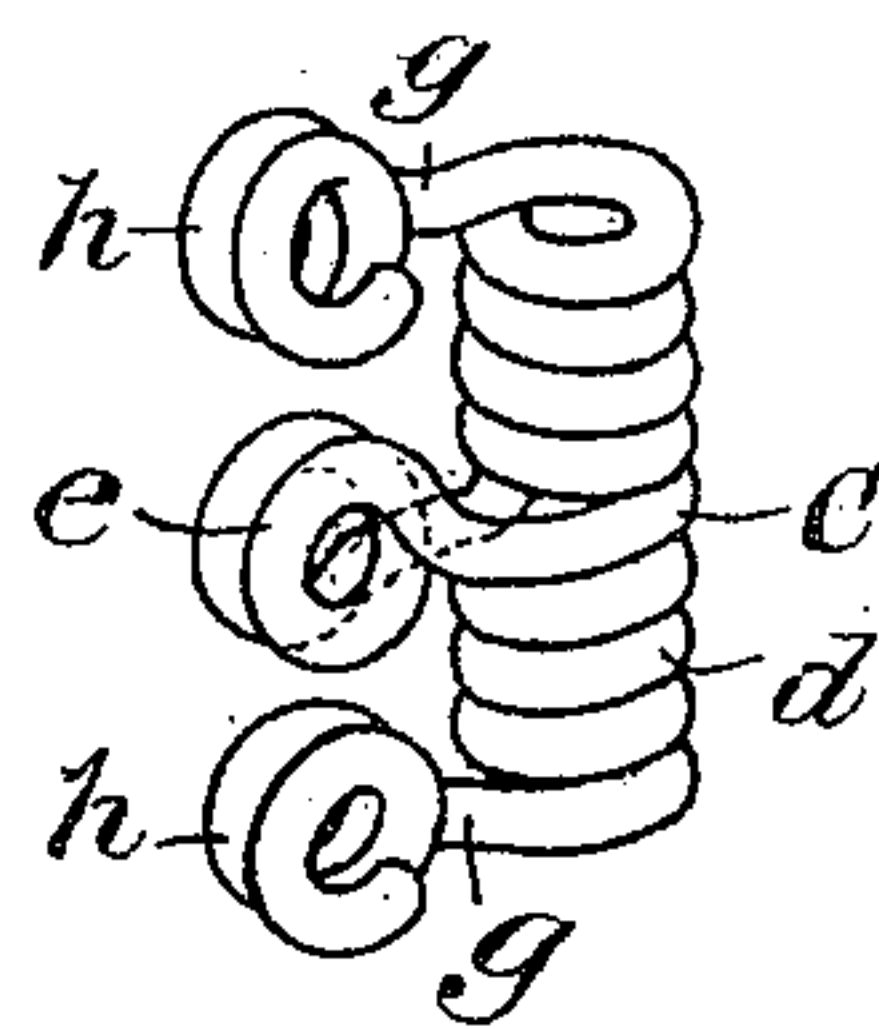


Fig. 3.

Fig. 4.



WITNESSES.

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HINGE.

SPECIFICATION forming part of Letters Patent No. 529,312, dated November 13, 1894.

Application filed August 9, 1894. Serial No. 519,873. (No model.)

To all whom it may concern:

Be it known that I, ALBERTA RILEY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Hinges for Blinds and for other Purposes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of my improved hinge applied to a window-blind. Fig. 2 is a view of one leaf or section of the hinge. Fig. 3 is an elevation of the leaf or section shown in Fig. 2. Fig. 4 represents a modification to be hereinafter referred to.

My invention has for its object to provide a strong, cheap, and durable hinge for blinds and for other uses; and to this end my invention consists in a hinge-leaf or section constructed in the manner hereinafter described and claimed.

In the said drawings, A represents one leaf or section of a blind-hinge which is provided with a vertical pin or pintle *b* and is adapted to be driven into or otherwise secured to the side of the window-frame B, as shown in Fig. 1, said leaf A being of ordinary and well known construction.

C represents the other or socket-leaf of the hinge which is secured to the window-blind D and turns upon the pin or pintle *b* of the leaf A. This leaf C is composed of a single piece of wire which is bent around a suitable mandrel or former into a coil *d* which forms the socket for the reception of the pin or pintle *b* of the leaf A. At or near the center of the coil *d* the wire is bent or coiled as shown to form an eye *e* which projects out laterally from the side of the coil *d* in a plane at right angles thereto, said eye being for the reception of the fastening screw *f*, Fig. 1, which secures the hinge-leaf to the blind or other article on which it is to be used. The opposite ends *g, g*, of the single piece of wire composing the hinge-leaf C are extended outward from the top and bottom of the coil *d*, their outer portions 10 being bent at an angle if desired and pointed

to adapt them to be driven into the blind or other article as shown in Fig. 1, said outer portions being preferably serrated or roughened, as shown, to afford a better hold in the wood into which they are driven.

In Fig. 4 is represented a modification of my invention in which the ends of the wire instead of being pointed and adapted to be driven into the wood as above described, are coiled around to form eyes *h* similar to the central eye *e* shown in Figs. 1, 2, and 3, for the reception of additional fastening screws, in which form my improved hinge is well adapted for use on boxes or other articles, the opposite or co-operating hinge-leaf which may be of any suitable construction being provided with a pin or pintle adapted to fit within the coil *d*.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A hinge leaf constructed of a single length of wire provided between its ends with a transverse attaching eye, and the tubular knuckle or pintle-receiving socket at right angles to the said eye and formed by coiling the two members of the wire above and below the eye into tubular form; the extremities of the wire terminating at opposite ends of the knuckle in attaching devices, substantially as set forth.

2. A hinge leaf constructed of a single length of wire pointed at both ends, formed between its ends with a transverse attaching eye, and the tubular pintle-receiving knuckle or socket at right angles to the eye and formed by coiling the two members of the wire above and below the eye into tubular form; the wire at the ends of said knuckle being bent laterally with the pointed extremities projecting parallel with the axis or bore of the eye, substantially as set forth.

Witness my hand this 2d day of August, A. D. 1894.

ALBERTA RILEY.

In presence of—

P. E. TESCHEMACHER,
J. W. KEELER.