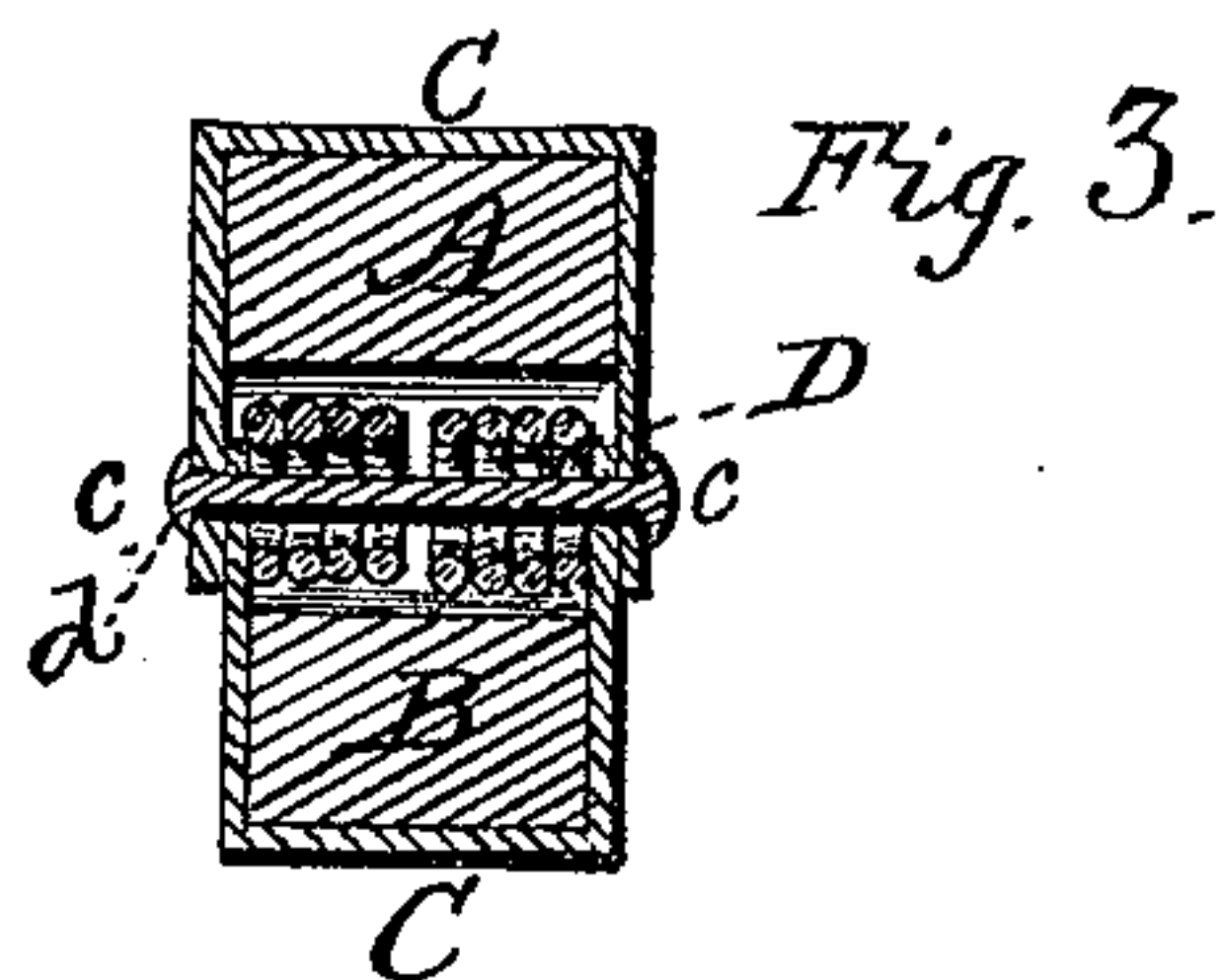
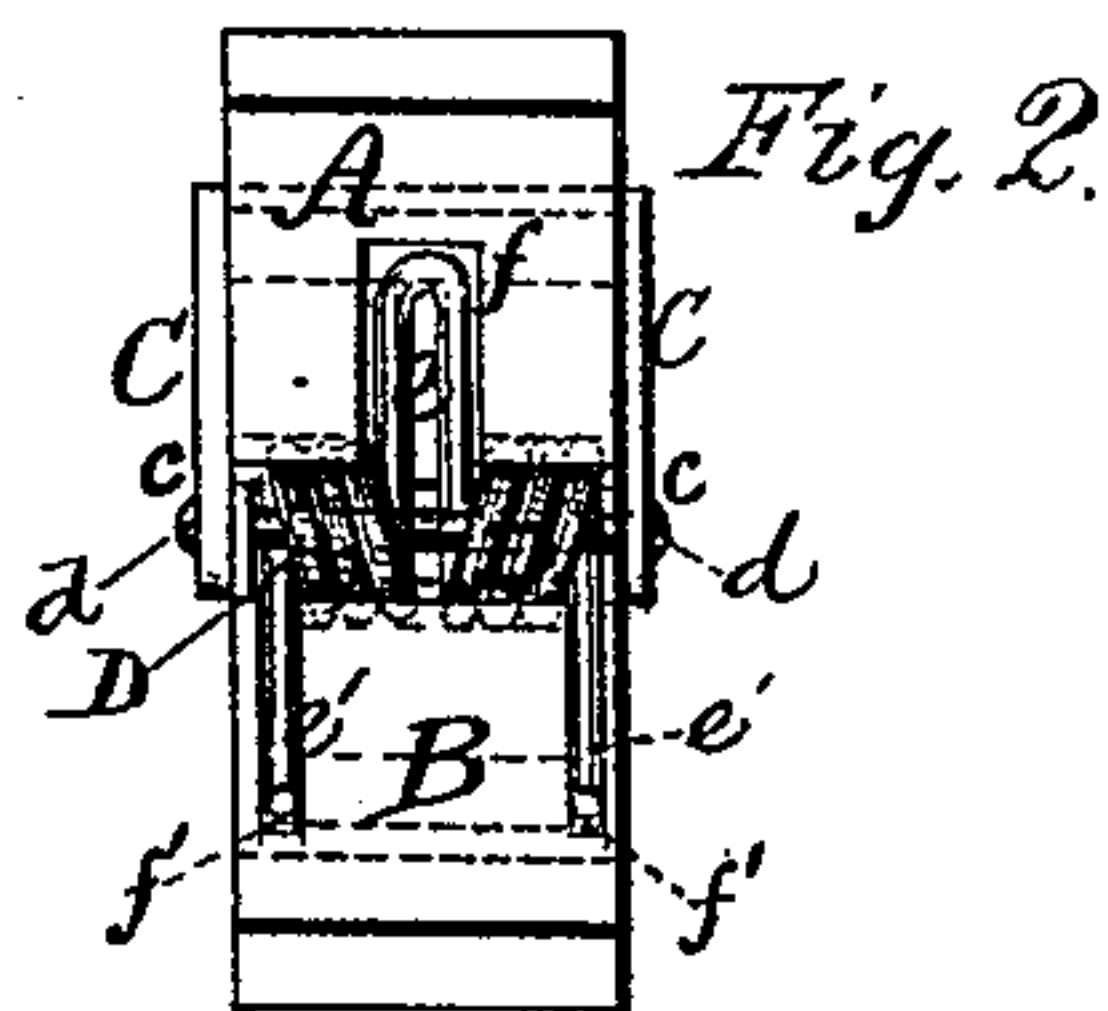
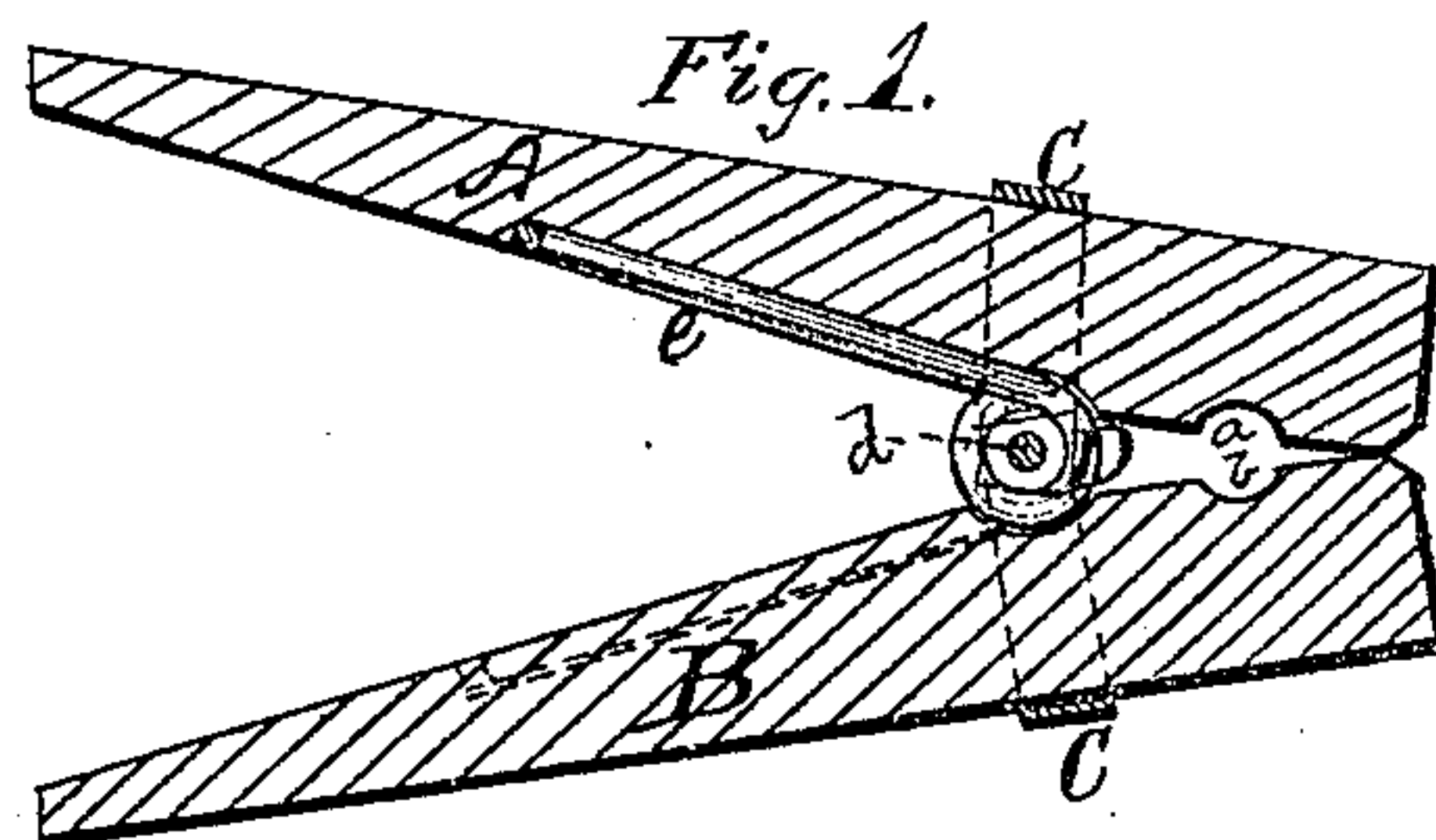


W. N. LOCKWOOD.

CLOTHES-PINS.

No. 187,291.

Patented Feb. 13, 1877.



WITNESSES.

Alfred Sheelock.
Geo. P. Payne

INVENTOR.

Wm. N. Lockwood,
per E. H. Johnson,
att'y.

UNITED STATES PATENT OFFICE

WILLIAM N. LOCKWOOD, OF CAMPVILLE, CONNECTICUT.

IMPROVEMENT IN CLOTHES-PINS.

Specification forming part of Letters Patent No. **187,291**, dated February 13, 1877; application filed October 12, 1876.

To all whom it may concern:

Be it known that I, WILLIAM N. LOCKWOOD, of Campville, county of Litchfield and State of Connecticut, have invented certain Improvements in Clothes-Clamps, of which the following is a specification:

My invention relates to clamps or clips used for securing clothes, &c., to clothes-lines; and it consists in a novel construction, combination, and arrangement of parts, which have for their object to improve said clamps generally, as will be fully hereafter set forth.

Figure 1 is a vertical longitudinal section. Fig. 2 is an end view. Fig. 3 is a transverse section.

A B are two wooden jaws, formed tapering toward one end, as shown, and having the nicks *a b* cut on their inner sides. These jaws are hinged together by the metallic strips or bands C C, the joint being formed at *c* by the pin *d*, which acts as the pivot or fulcrum of the jaws. The jaws are kept closed by the coiled spring D, having arms *e e'*, which lie in grooves *f f'*, cut in the sides of the jaws. The pivot or pin *d* passes through the coil of the spring; but the spring is held in its place

by its pressure in the slots, and by the semi-circular nicks, in which its coil is located. The metal bands shown are of two strips, bent up rectangularly, and made to fit over the jaws in shallow grooves cut in their sides, so as to keep them (the bands) in place; but I do not confine myself to this construction of the hinges.

My invention is applicable to other uses save that of a clothes-clamp, and may be made to serve all the purposes to which an ordinary letter-clip is applicable.

I claim—

1. The combination of the jaws A B, bands C C, pin *d*, and spring D, constructed and operating substantially in the manner described and specified.

2. A clothes-pin in which the jaws are hinged together by the pin-joint, of flat metallic strips secured on their sides, substantially in the manner described and specified.

WILLIAM N. LOCKWOOD.

Witnesses:

CLARK W. HURLBUT,
DWIGHT C. KILBOURN.