

J. H. D'LAMATTER.
Desks, Book-Cases, &c.

No. 154,653.

Patented Sept. 1, 1874.

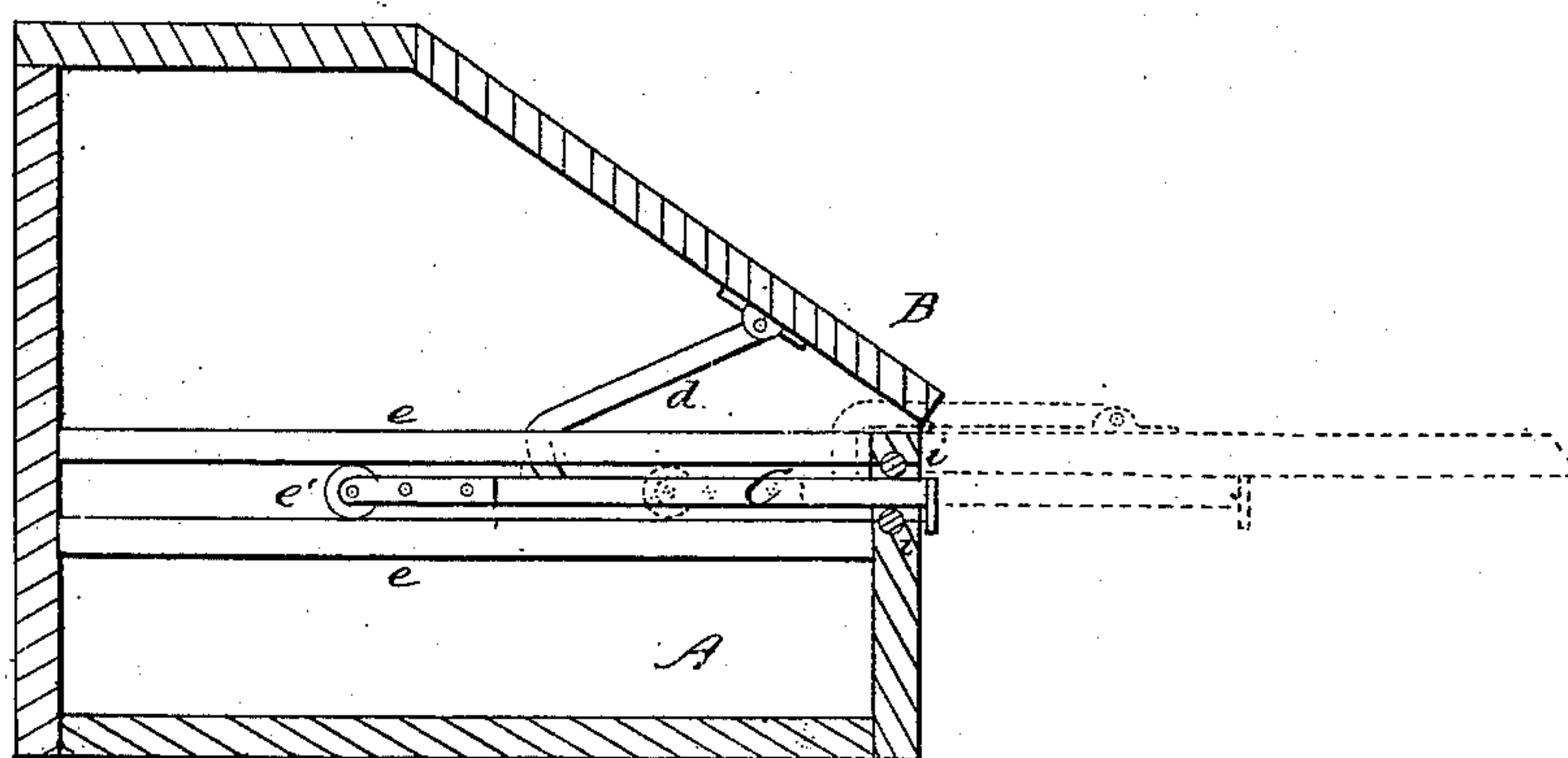


Fig. 1

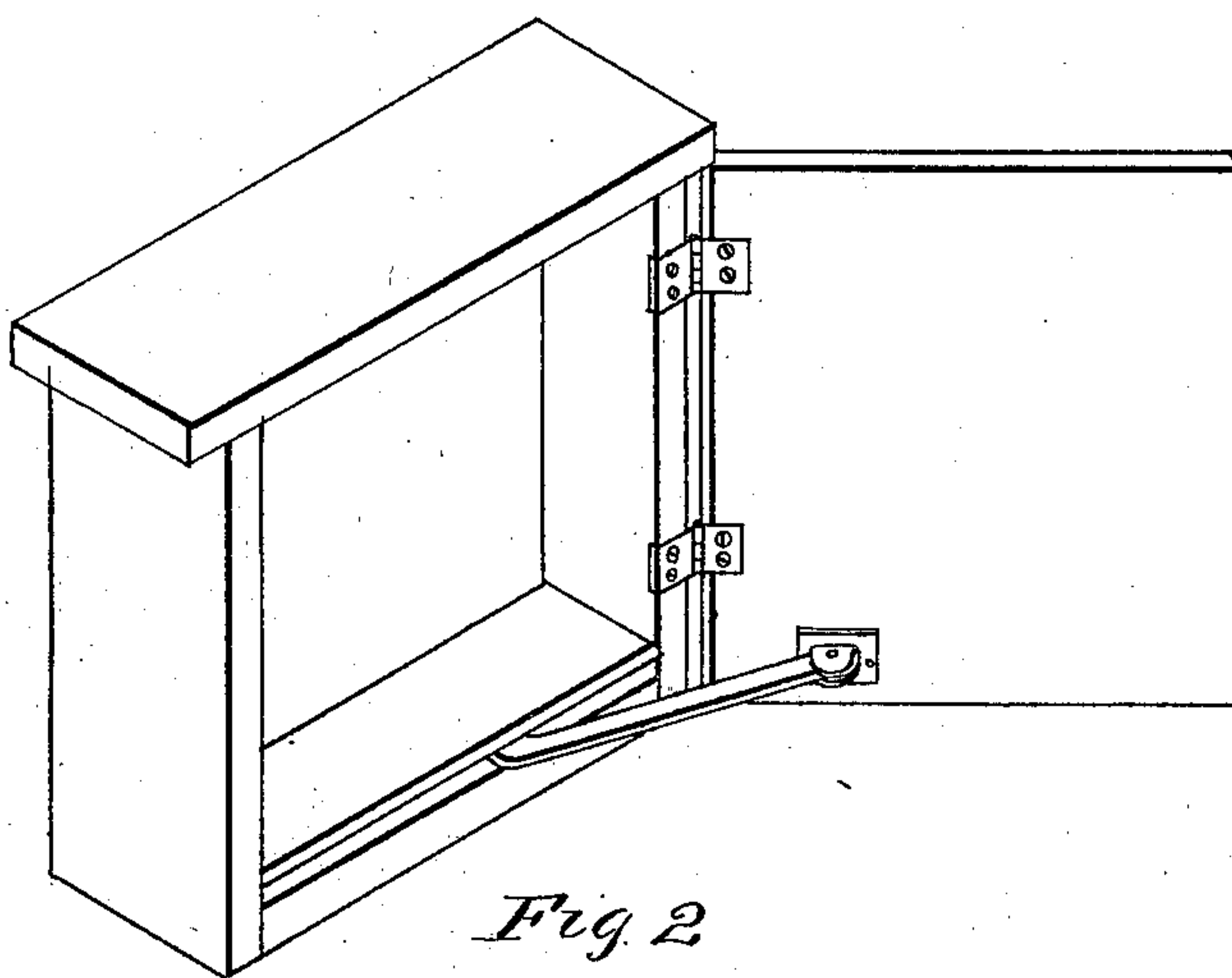


Fig. 2

Witnesses
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UNITED STATES PATENT OFFICE.

JAMES H. D'LAMATTER, OF MELLINGTON, ILLINOIS.

IMPROVEMENT IN DESKS, BOOK-CASES, &c.

Specification forming part of Letters Patent No. **154,653**, dated September 1, 1874; application filed June 25, 1874.

To all whom it may concern:

Be it known that I, J. H. D'LAMATTER, of Mellington, in the county of Kendall and State of Illinois, have invented certain new and useful Improvements in Desks, Book-Cases, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a vertical transverse section through a writing-cabinet having my improvement applied. Fig. 2 is a perspective view of a modification.

This invention has relation, chiefly, to cabinet writing-desks, having hinged folding leaves, which are supported, when lowered, by means of sliding bars located in recesses below the leaf; and it consists in the novel construction and combination of devices for automatically projecting and withdrawing said slides when the leaf is lowered and raised, as hereinafter described.

Referring to the accompanying drawings, A designates an ordinary cabinet writing-desk, which is furnished with a hinged leaf or door, B, adapted for use as a writing table or surface when lowered, and designed to close the desk when raised. C are the slides, which, when the leaf is lowered, constitute a support to the same and relieve the hinges of strain.

Ordinarily these supports are moved out and in by hand; but I render them automatic in operation by connecting them to the leaf through the medium of bent rods *d*, pivoted or

jointed at the ends, respectively, to the slides and to the leaf, as shown.

Thus, it will be perceived that, according as the leaf is lowered or raised, the slides are drawn outward or forced back, thereby obviating the necessity of adjusting said slides separately.

In addition to their functions as described, the rods *d* serve as supports to the leaf.

Inside the desk the slides move between guides *e*, and to reduce friction are provided each with a roller, *e'*, upon its inner end, while other smaller rollers are journaled to the front of the desk at *i*.

Fig. 2 of the drawing shows a modification of this invention as applied to laterally-swinging doors for "pigeon-hole" cases, &c. The rod is projected from the side of the case, and prevents the door from being swung too far back.

Having fully described my invention, I claim as new, and desire to secure by Letters Patent—

1. The automatically-moving slides C, in combination with the desk A and leaf B, substantially as shown and described.

2. The combination, with a desk-leaf or door, of a slide, C, and pivoted connecting-rod *d*, operating substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of June, 1874.

JAMES H. D'LAMATTER.

Witnesses:

HORACE J. BRIMHALL,
THOS. SERRIM.