

O. GEIER.
Box-Fastener.

No. 203,907.

Patented May 21, 1878.

Fig 1

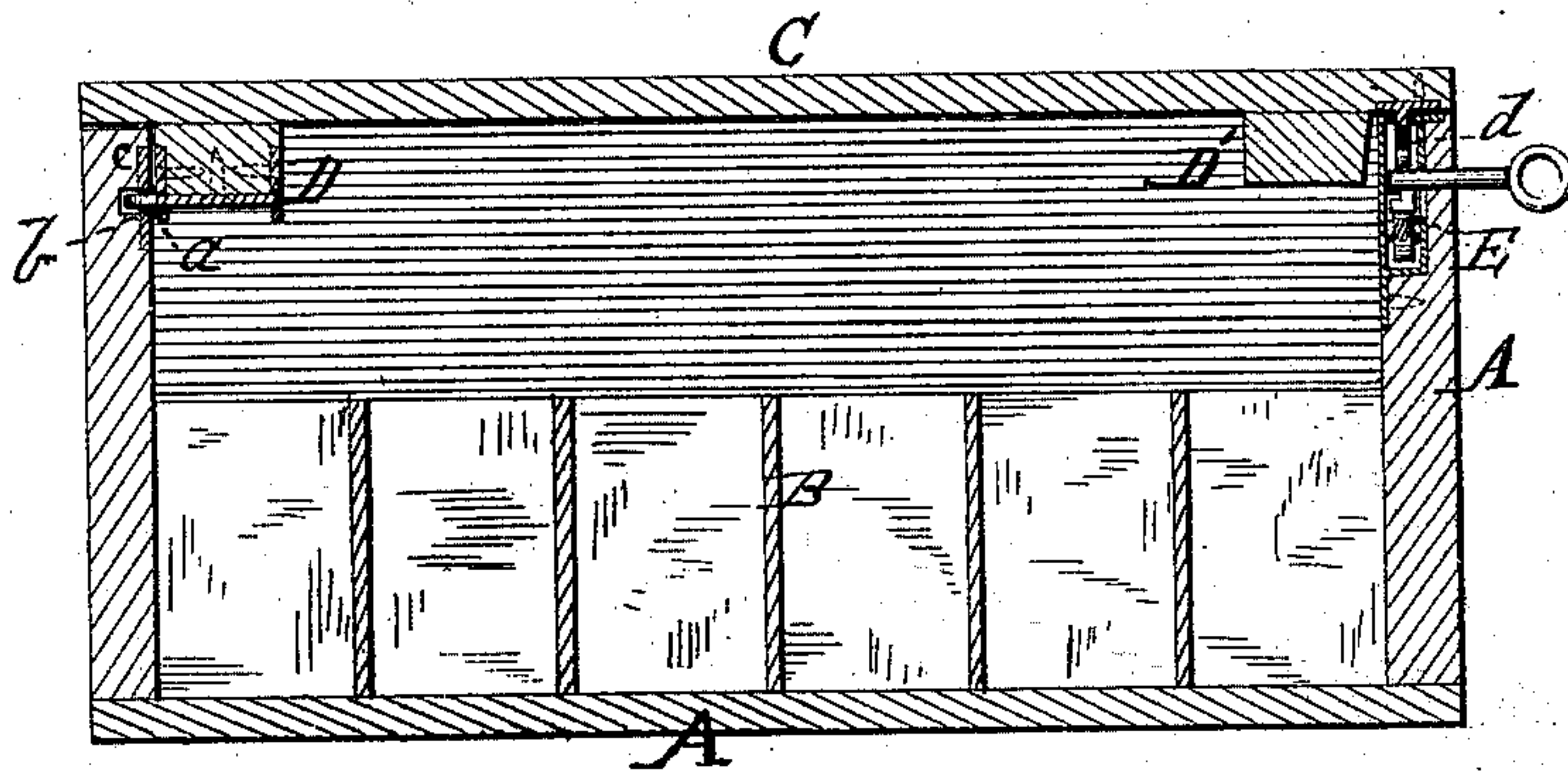
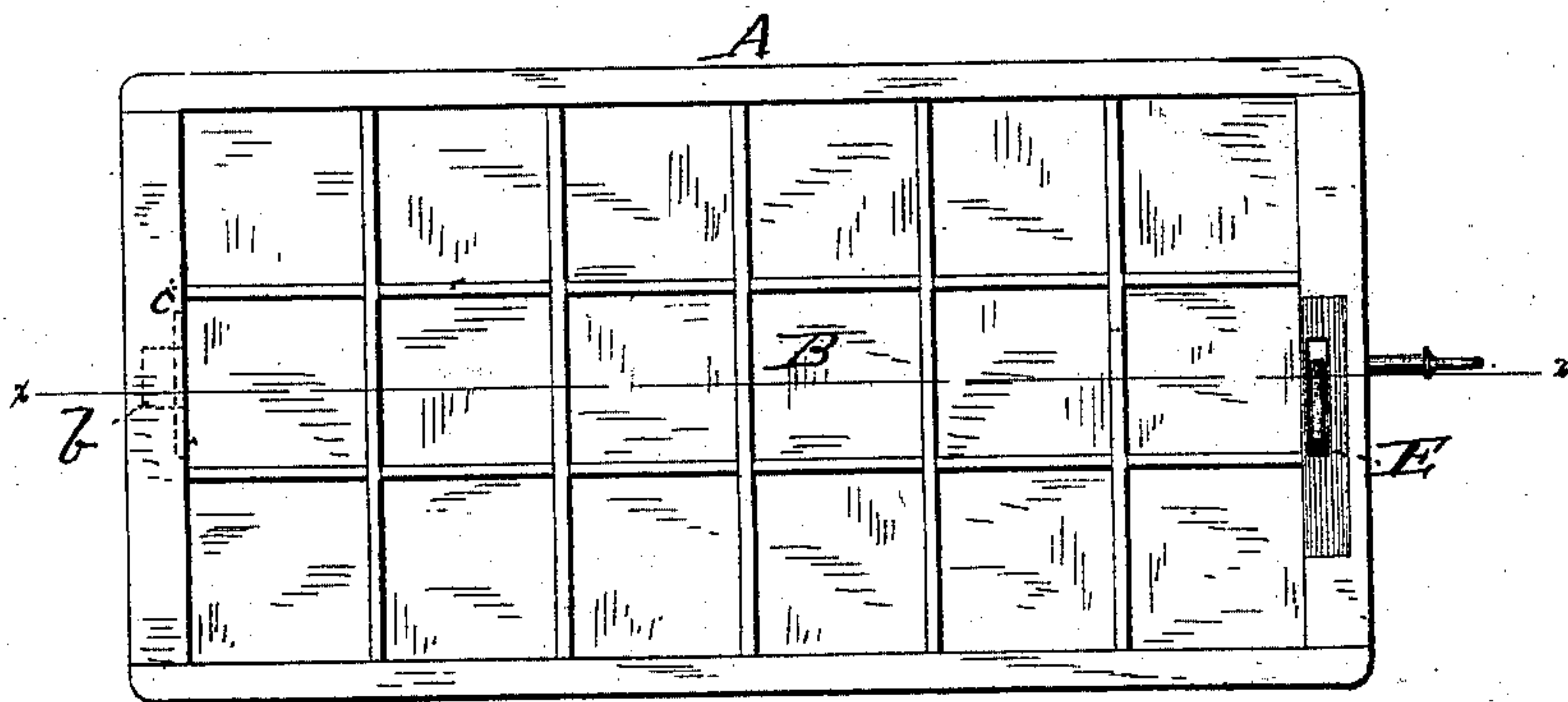


Fig 2.



Witnesses.

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Inventor.

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UNITED STATES PATENT OFFICE.

OTTO GEIER, OF ST. ALBANS, WEST VIRGINIA.

IMPROVEMENT IN BOX-FASTENERS.

Specification forming part of Letters Patent No. **203,907**, dated May 21, 1878; application filed April 11, 1878.

To all whom it may concern:

Be it known that I, OTTO GEIER, of St. Albans, in the county of Kanawha and State of West Virginia, have invented certain new and useful Improvements in Box-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a longitudinal vertical section on the line *x x* of Fig. 2, with the cover attached; and Fig. 2 is a top-plan view with the cover removed.

The nature of my invention consists in providing the lid or cover of a box, and the body of the same, with certain mechanical contrivances, by means of which the lid may be readily attached or detached, as hereinafter explained.

In the drawings, A represents the body of the box; B, the cells, arranged therein as shown in Fig. 2. C is the cover, provided near each end with cleats, braces, or cross-pieces D D' on its under side, so as to fit close to and within the ends and sides of the box, as shown in Fig. 1. To the cross-brace D one or more lugs, *a*, are attached firmly by any suitable means, and so as to project beyond the

side of the brace, as shown in Fig. 1. They may, if desired, be cast with side pieces, so as to straddle the brace. In the side of the box one or more sockets, *b*, with metal guards *c*, are placed, as shown in dotted lines in Fig. 2, in which the lugs *a* engage, as shown in Fig. 1. In the opposite side a spring-lock, E, is placed, which receives and holds a catch, *d*, attached to the cover, as shown in Fig. 1.

The method of removing and attaching the cover will be readily seen. The spring-catch is first released by a key; then the end to which it is attached is raised and drawn forward, thus releasing the lugs, when the cover can be removed. It is attached by reversing the operation. When attached or fastened, the braces D D' secure it against any lateral movement, while the locking devices hold it firmly down in its place.

Having thus described my invention, what I claim is—

The combination of the lid or cover C, provided with the cleats or braces D D', and lugs *a*, with the lock E, socket *b*, and guard *c*, constructed and arranged as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

OTTO GEIER.

Witnesses:

ROSSELL M. GRANT,
AUGUST STOEKEL.