

J. CONNER.
Car-Axle Box-Lid.

No. 200,854.

Patented March 5, 1878.

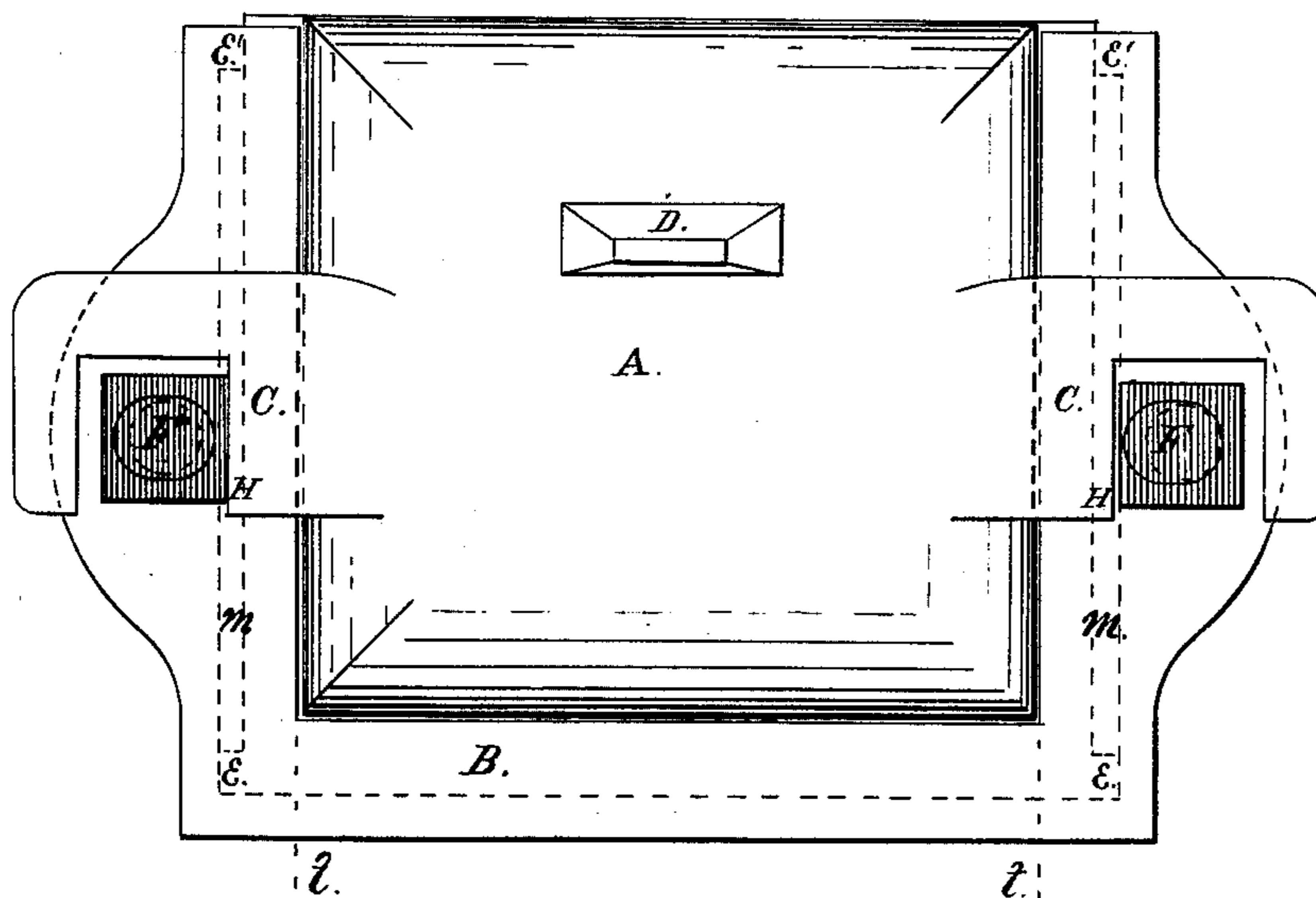


FIG. 1.

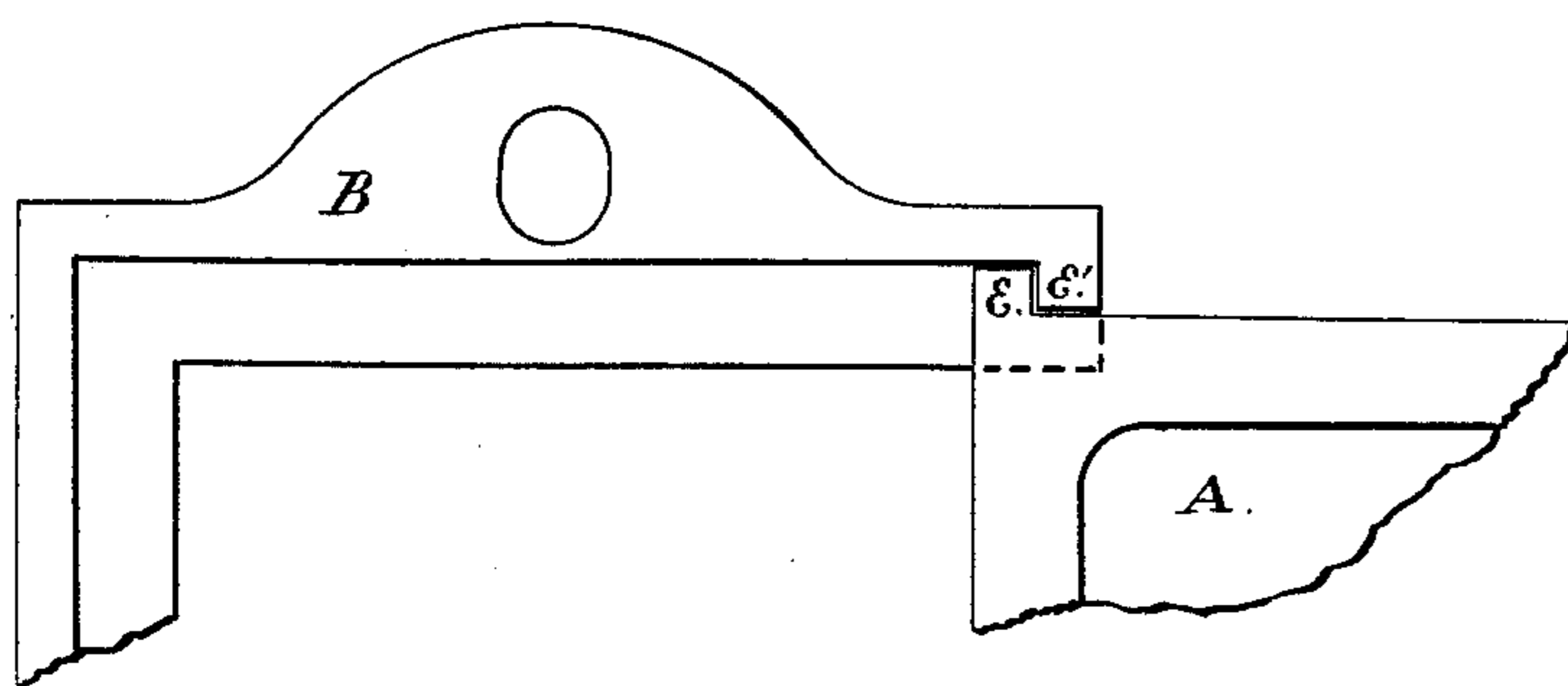


FIG. 2.

Joseph Bonner.

INVENTOR.

WITNESSES.

WITNESSES:
D. B. Davis
E. J. West

UNITED STATES PATENT OFFICE.

JOSEPH CONNER, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CAR-AXLE-BOX LIDS.

Specification forming part of Letters Patent No. **200,854**, dated March 5, 1878; application filed August 20, 1877.

To all whom it may concern:

Be it known that I, JOSEPH CONNER, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Sliding Car-Box Lids, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a full front view, and Fig. 2 a partial back view, showing the lugs for holding the lid, as hereinafter more fully explained.

My invention relates to that class known as attachment car-box lids, and I call it "an attachment sliding lid for car-boxes," as it differs from ordinary attachment-lids in the opening and closing, by means of a sliding lid, instead of turning on hinges, as do other attachment-lids known to me.

Referring to the drawings, A is a sliding lid, having two lugs, C C, and finger-lift D, and also two stop-lugs, *e e*, corresponding with two similar lugs, *e' e'*, on the frame B, as shown in Fig. 1.

The frame B is provided with two perforated ears, for the purpose of bolting it to the face of a car-box, and is recessed on its inner side, so as to leave a space for the lid A to slide in,

and has two stop-lugs, *e' e'*, which prevent the lid from being drawn all the way out, as shown in Fig. 2, where the lid is drawn out to its full extent, but is stopped at this point by the lugs. By this means it will be impossible for the lid to come out or get lost without loosening the screws F F, to do which the lid must first be raised so that the lugs C C will clear the head of the screws F F.

I do not confine my invention to the exact configuration as shown, for the frame B may be made in two pieces, or without the lower side of the frame *t t*; and the lugs C C may bear against only one side of the screws F, as at H H, Fig. 1; or two sides; or three sides, as shown in the drawings.

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

In a car-axle box, the combination of the slide A, frame B, lugs C C, and stop-lugs *e* and *e'* constructed and arranged substantially as and for the purpose described.

JOSEPH CONNER.

Witnesses:

E. S. WEST,
WM. B. WEIS.