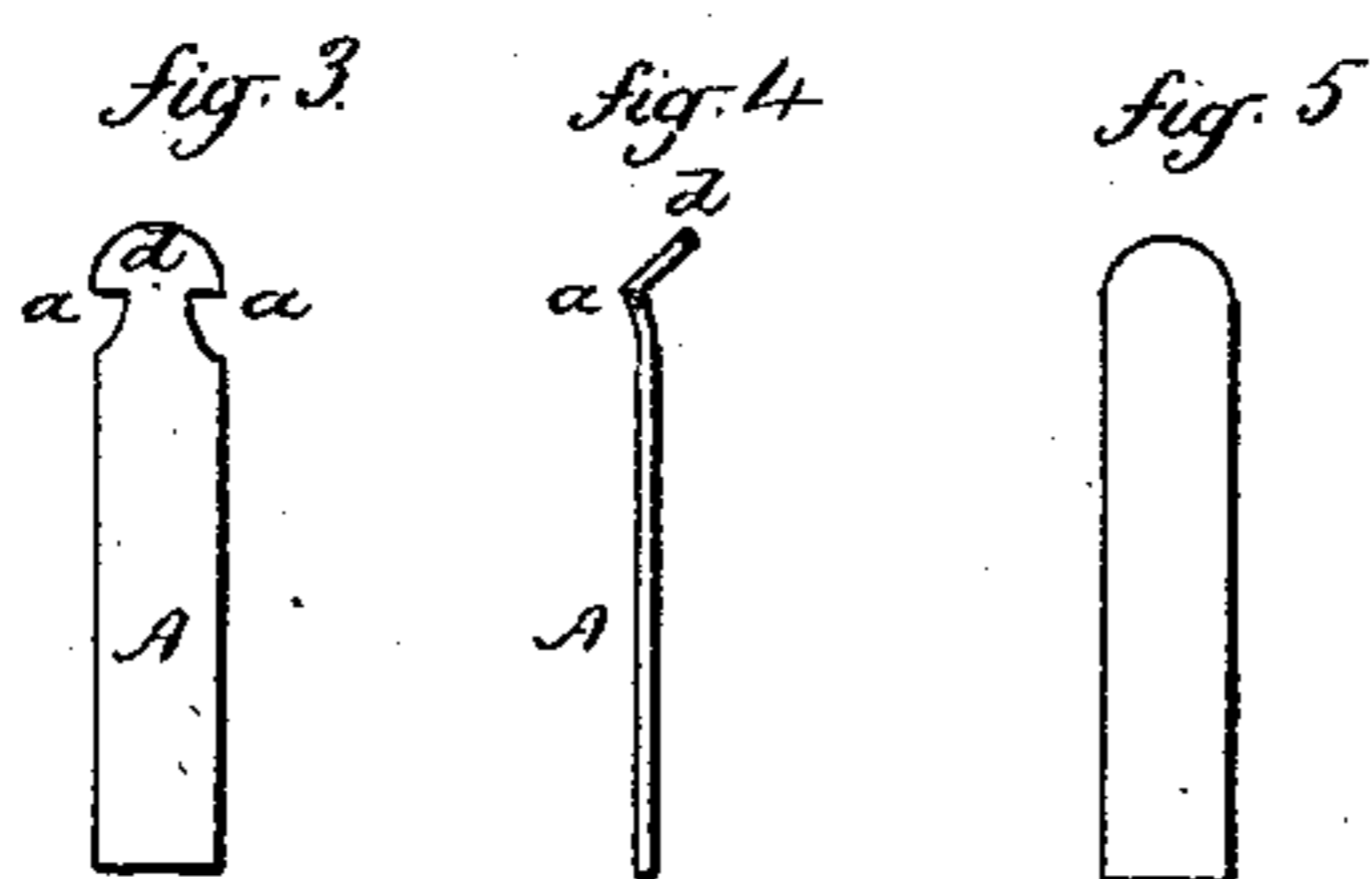
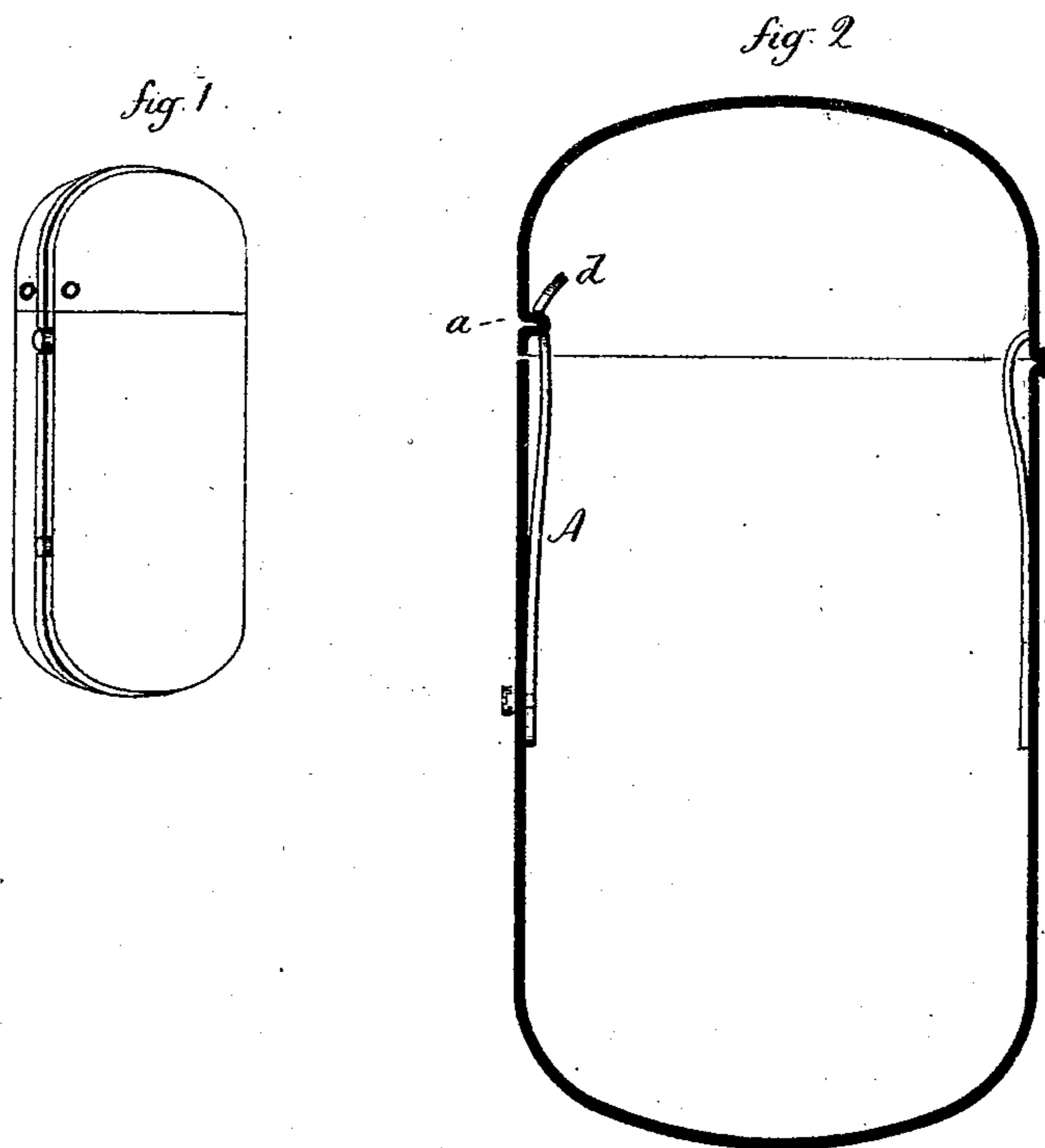


C. BUCKLEY.  
Catches for Match-Boxes.

No. 147,098.

Patented Feb. 3, 1874.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

CHAUNCEY BUCKLEY, OF MERIDEN, CONNECTICUT, ASSIGNOR TO CHARLES PARKER, OF SAME PLACE.

## IMPROVEMENT IN CATCHES FOR MATCH-BOXES.

Specification forming part of Letters Patent No. **147,098**, dated February 3, 1874; application filed January 7, 1874.

*To all whom it may concern:*

Be it known that I, CHAUNCEY BUCKLEY, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Catch for Match-Box; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view; Fig. 2, a vertical section at one side of the catch, illustrating the internal projections on the cover as engaged with the spring, on an enlarged scale; Fig. 3, a front view of the catch detached, and in Fig. 4 a side view of the same.

This invention relates to an improvement in spring-catch for various kinds of metal cases—that is, the spring-hook which forms the catch. These have usually been formed from a sheet-metal piece, of the shape seen in Fig. 5, the upper end bent, as in Fig. 4, so as to form a shoulder and an incline therefrom, that the cover might pass freely over and beneath the shoulder. In thus bending it is impossible to form the shoulder at a right angle, so as to securely hold the cover against accidental opening. To overcome this difficulty is the object of my invention; and it consists in forming a shoulder upon one or both edges of the spring-piece by removing the metal therefrom, as more fully hereinafter described.

A is the spring, made of the usual length, so

as to be secured to the case near the lower end, and leave the upper end free. Near the upper end a shoulder, *a*, is formed upon one or both edges, by making the part *d* above broader, cutting away the metal, or both. At this point the piece is bent in the usual manner, which brings the edge shoulders at the extreme forward point. The shoulder upon the cover is formed to correspond by making an inward projection on the cover corresponding to each of the shoulders in Fig. 1, (shown as a depression from the outside,) to force the metal inward at the required point.

Catching under the edge shoulders on the spring, the hold is much more firm than the bent shoulders, and the cover cannot be opened except by depressing the spring, which is provided with a knob, *c*, projecting through the case in the usual manner.

I have illustrated this invention as applied to a match-case; but it will be understood that it is applicable alike to other classes of cases. I do not, therefore, confine myself to any particular class of cases.

I claim as my invention—

The spring-catch A, constructed with a shoulder, *a*, upon one or both edges beneath the head *d*, combined with corresponding inward projections upon the case, substantially as described.

CHAUNCEY BUCKLEY.

Witnesses:

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