T. E. MURRAY & G. K. JESSUP.

SEAL FASTENING.

APPLICATION FILED NOV. 17, 1915.

1,173,603. Patented Feb. 29, 1916.

Fig. 1.

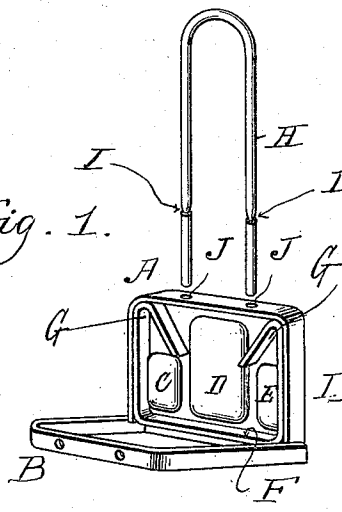


Fig. 2.

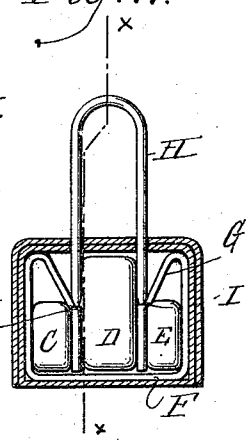
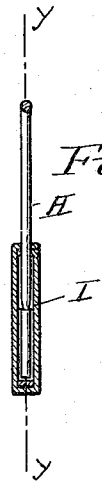


Fig. 3.



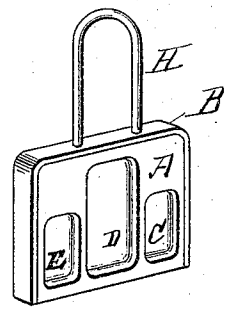


Fig. 4.

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UNITED STATES PATENT OFFICE.

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SEAL-FASTENING.

1,173,603. Specification of Letters Patent. Patented Feb. 29, 1916.

Application filed November 17, 1915. Serial No. 61,880.

To all whom it may concern:

Be it known that we, THOMAS E. MURRAY and GEORGE K. JESSUP, citizens of the United States, residing at New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Seal-Fastenings, of which the following is a specification.

The invention relates to seal fastenings, and consists in the construction hereinafter set forth.

In the accompanying drawings—Figure 1 is a perspective view of our seal fastening, showing the cover of the case open and the shackle withdrawn. Fig. 2 is a sectional view of the seal fastening in closed and locked position on the line *y*, *y* of Fig. 3. Fig. 3 is a section on the line *x*, *x* of Fig. 2. Fig. 4 is a perspective view of the locked fastening.

Similar letters of reference indicate like parts.

The sheet metal shell is formed in two parts, A, B, flanged and seated one within the other. In the part A are struck up inward projections C, D, E. A leaf spring F disposed in the casing is bent at right angles at its end portions to fit in the case, and at its extremities are hooks G, G. The shackle H of round wire has on each arm a circumferential groove I. When the parts of the case are assembled, the shackle arms enter through registering openings J in side flanges of said parts and pass through the spaces between the projection D and the projections C, E, respectively, until the extremities of the hooks G, G become engaged in the grooves I. The middle portion of said spring lies between the ends of projections C, D, E and the bottom wall of the case. The side portions of said spring lie between the projections C and E and the end walls of said case. The projections C and E are preferably shorter than the projection D, as shown, in order to afford space for the hooks G. The projections C and E act as stops to prevent the hooks being closed any more than the passage of the shackle arms through the spaces between the projections requires. Said spaces between the projections form guides for the shackle arms and insure their being inserted in proper position to be engaged by the hooks G. The elongated central projection D which extends clear across the shell prevents the shackle arms being brought together or being tilted in their own plane in the endeavor to release the hooks. It is then impossible to withdraw the shackle as a whole from the case, nor can its loop be cut and the arms be drawn out separately by rotating them so that the hook ends cut screw threads, as above explained.

We claim:

1. A seal fastening, comprising a shell having on one of its walls three inward projections, a shackle entering said shell and having in each of its arms a circumferential groove, the said arms being received in the spaces between said projections, and a leaf spring extending around said projections and having hooks at its ends engaging in said grooves.

2. A seal fastening, comprising a shell having three internal guide projections, a shackle having arms entering the space between the middle and side projections and having notches in said arms, and a spring extending across said shell and on each side thereof and lying between said projections and the walls of said shell, and having its ends bent to engage said shackle notches.

3. A seal fastening, comprising a shell having on one of its walls a central projection and a smaller projection on each side of said central projection, a shackle entering said shell and having its arms entering the spaces between said projections, and a leaf spring extending around the corresponding ends of said projections and having inwardly turned hooks disposed in the space beyond said side projections and engaging said shackle.

4. A seal fastening, comprising a rectangular shell having three internal guide projections, a shackle having arms entering the

space between the middle and side projections and having notches in said arms, and a spring lying against the inner surface of three walls of said shell and inclosing said projections, and having its ends bent inwardly to engage in said shackle notches, the loops formed by bending over said ends being disposed in corners of said shell.

In testimony whereof we have affixed our signatures in presence of two witnesses.

THOMAS E. MURRAY.
GEORGE K. JESSUP.

Witnesses:
GERTRUDE T. PORTER,
MAY T. MCGARRY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."