

T. E. MURRAY.
SEAL FASTENING.
APPLICATION FILED OCT. 6, 1908.

906,052.

Patented Dec. 8, 1908.

Fig. 1.

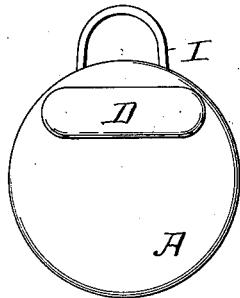


Fig. 2.

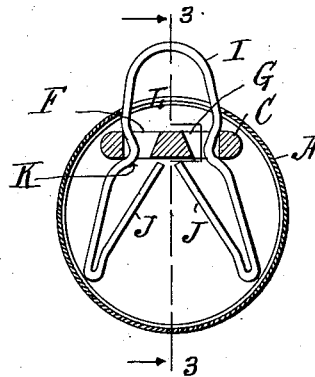


Fig. 3.

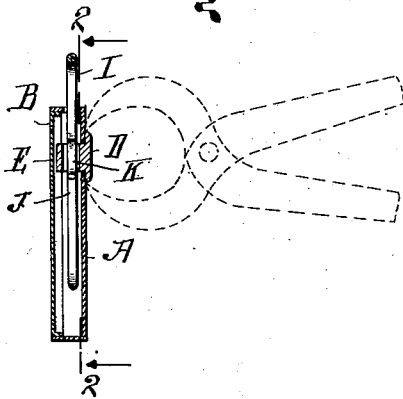


Fig. 4.

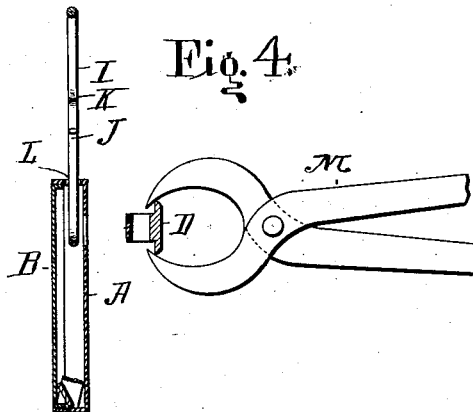


Fig. 5.

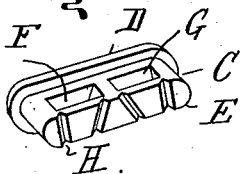
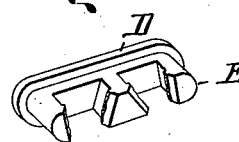


Fig. 6.



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UNITED STATES PATENT OFFICE.

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SEAL-FASTENING.

No. 906,052.

Specification of Letters Patent.

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Application filed October 6, 1908. Serial No. 456,425.

To all whom it may concern:

Be it known that I, THOMAS E. MURRAY, a citizen 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 which cannot be released without breakage of a seal.

The invention consists in the combination with a shackle wire in loop form having its end portions turned upward, of a seal body, and a block in said body having openings through which the legs of said shackle respectively pass: the said block forming an abutment for the upturned extremities of said legs, and being breakable from the exterior of said body to release said shackle.

In the accompanying drawing—Figure 1 is a side elevation of the exterior of my seal fastening. Fig. 2 is a section on the line 2, 2, of Fig. 3. Fig. 3 is a section on the line 3, 3, of Fig. 2, showing, in dotted lines, the mode of using a pliers to rupture the breakable block. Fig. 4 is a similar section showing the block broken, a part being in the grasp of the pliers, and parts fallen to the bottom of the case. Fig. 5 shows the breakable block before, and Fig. 6 after, breakage.

Similar letters of reference indicate like parts.

A is a flat cylindrical case of metal permanently closed by a flanged plate B. The case and plate here form the seal body. In one side of the case is an elongated transverse opening which receives the breakable block C. Said block may be made of clay, porcelain, glass or any fragile material, and comprises a flanged portion D and a projection E having two openings F and G. On the face of the projection E may be made scores H. The shackle wire I has its ends J bent upwardly, and inwardly in V-form, and is also provided in each leg with a crimp K.

In assembling the device, the projection E of the breakable block C is inserted into the case through the side opening, so that the

flanged portion D rests against said case. Both ends of the shackle wire I are then passed through an opening L in the rim of the case, and then respectively through the openings F, G in the block C. After the shackle wire is thus introduced, the apexes of its V-shaped ends rest against the inner periphery of the case, and the extremities J springing inwardly abut on the solid portion of the block C, between the openings F, G, and the crimps K are received in said openings. The shackle wire cannot be withdrawn from the case without breaking the seal. This may be done by grasping the external flanged portion D of the block C with a pliers M or other convenient tool, and pulling outward. The rear wall of the projection E thus becomes broken away, as shown in Fig. 6, the breaking being facilitated by the scores H and the pieces falling to the bottom of the case, so that the block can be withdrawn by the pliers, as indicated in Fig. 4. The shackle wire I can then be withdrawn from the opening L. But without breaking the block C, it is impossible to withdraw the shackle wire, nor either leg of it, assuming the protruding loop of said wire to be cut for that purpose, since there is no way in which a separated leg can be turned to carry its upturned extremity J clear of the block against which it abuts.

I claim:

1. In a seal fastening and in combination with a shackle wire in loop form having its end portions turned upward, a seal body, and a block in said body having openings through which the legs of said shackle respectively pass: the said block forming an abutment for the upturned extremities of said legs, and being breakable from the exterior of said body to release said shackle.

2. In a seal fastening and in combination with a shackle wire in loop form having its end portion turned upward and inward, a seal body, and a block in said body having openings through which the legs of said shackle respectively pass: the said block forming, between said openings, an abut-

ment for the upturned extremities of said legs, and being breakable from the exterior of said body to release said shackle.

3. In a seal fastening and in combination
5 with a shackle wire in loop form having its end portions turned upward, and a crimp in each leg, a seal body and a block in said body having openings through which the legs of
10 said shackle respectively pass, and receiving said crimps: the said block forming an abut-

ment for the upturned extremities of said legs, and being breakable from the exterior of said body to release said shackle.

In testimony whereof I have affixed my signature in presence of two witnesses.

THOMAS E. MURRAY.

Witnesses:

GERTRUDE T. PORTER,
MAY T. MCGARRY.