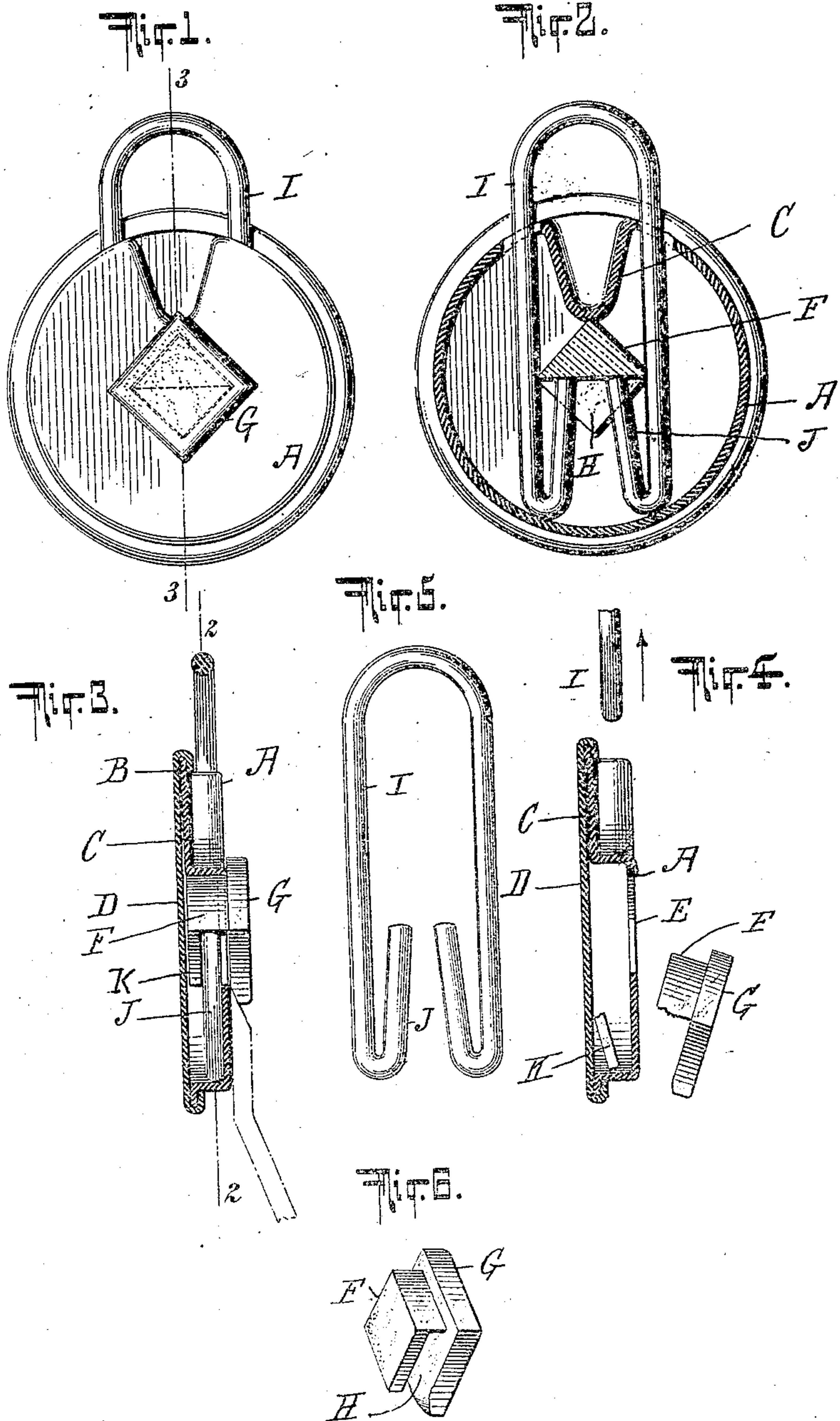


No. 894,278.

PATENTED JULY 28, 1908.

T. E. MURRAY
SEAL FASTENING.

APPLICATION FILED FEB. 5, 1908.



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THOMAS E. MURRAY, OF NEW YORK, N. Y.

SEAL-FASTENING.

No. 894,278.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed February 5, 1908. Serial No. 414,322.

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 a seal fastening, and consists in the combination with the shackle wire, in loop form of a seal body and means within said seal body wherewith each leg of said shackle independently engages, the said means being breakable from the exterior of said body to release said shackle. The breakage of the securing means indicates that the seal has been tampered with, and the shackle wire cannot be re-secured without inserting a new and unbroken device.

In the accompanying drawing—Figure 1 is a face view of my improved 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. 1, showing the breakable block in place and mode of breaking said block. Fig. 4 is a similar section showing the block broken and the shackle wire being removed. Fig. 5 shows the shackle wire, and Fig. 6, the breakable block separately.

Similar letters of reference indicate like parts.

A is a cup shaped case of sheet metal having a circumferential flange B and internal V shaped projection C, the latter being preferably formed integrally of the metal of the case. Said case is closed permanently by a back plate or cover D, the edges of which are turned over the flange B. The case and cover here together form a seal body. Centrally disposed in the case A is a rectangular opening E which receives a similarly formed projection F on the back of the block G, said projection and block forming a breakable block which may be made of clay, porcelain, glass or any frangible material. The projection F is undercut to form a recess H. The block is inserted in the opening E so that, as shown in Fig. 2, one angle of the projection F comes directly in front of and bears upon the internal case projection C. The shackle wire I has its end portions J bent upwardly in V form and the length of said end portions is such that when the wire is in place, as shown in Fig. 2, the extremities of said end portions enter the undercut recess H and abut on the solid portion of projection F

so that said solid portion lies between said extremities and the internal case projection C.

In assembling the device, the projection F of the breakable block is inserted in the opening E. The turned up portions J of the shackle wire I, are then passed through the entrances in the wall of case A, meeting the inclined upper surfaces of projection F and being sprung asunder thereby, until the upper extremities of said turned up portions slip into the recess H and take an abutment against the solid part of said projection.

The shackle wire cannot be withdrawn from the case A, without breaking the seal. This may be done by inserting any wedge shaped instrument (dotted lines Fig. 3) under the edge of block G and prying outwardly. The seal will then be broken and easily detached as shown in Fig. 4, the smaller portion K dropping within the case and being removable through the opening E. The shackle wire may then be withdrawn. Whenever it is desired to re-secure the wire, a new breakable block is inserted in the case, in the manner already described.

I claim:

1. In a seal fastening and in combination with a shackle wire in loop form, a seal body and means within said seal body wherewith each leg of said shackle independently engages: the said means 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 portions turned upward, a seal body and means within said body engaging with said turned up ends and breakable from the exterior of said body to release said shackle.

3. In a seal fastening and in combination with a shackle wire in loop form having its end portions turned upward, a seal body and means within said body engaging with said turned up ends and breakable from the exterior of said body to release said shackle: the bends in said shackle formed by turning up said end portions being in contact with the inner surface of said body.

4. In a seal fastening and in combination with a shackle wire having its end portions turned upward, a seal body and in said body, a block of frangible material extending through a wall of said body and having on its under side and within said body, a recess

receiving said turned up ends of said shackle wire and forming a locking abutment therefor.

5 5. In a seal fastening, and, in combination with a shackle wire having its end portions turned upward, a hollow seal body, a fixed projection extending inward from a circumferential wall of said body and a block of frangible material extending through a face
10 wall of said body and in contact with said projection; the said block having, on its under side and within said body, a recess receiving said turned up ends of said shackle wire and forming a locking abutment therefor.

15 6. In a seal fastening and in combination with a shackle wire having its end portions turned upward, a hollow seal body of metal,

a projection integral with said body extending inward from a circumferential wall of said body and a block of frangible material of polygonal cross section extending through a correspondingly formed opening in a face wall of said body and in contact at one of its angles with said projection; the said block having, on its under side, and within said seal
20 body, a recess receiving said turned up ends of said shackle wire and forming a locking abutment therefor.

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

THOMAS E. MURRAY.

Witnesses:

GERTRUDE T. PORTER,
MAY T. MCGARRY.