C. J. SINN.

CAN SEAL.

APPLICATION FILED APR. 26, 1910.

1,039,601. Patented Sept. 24, 1912.

Fig. 1.

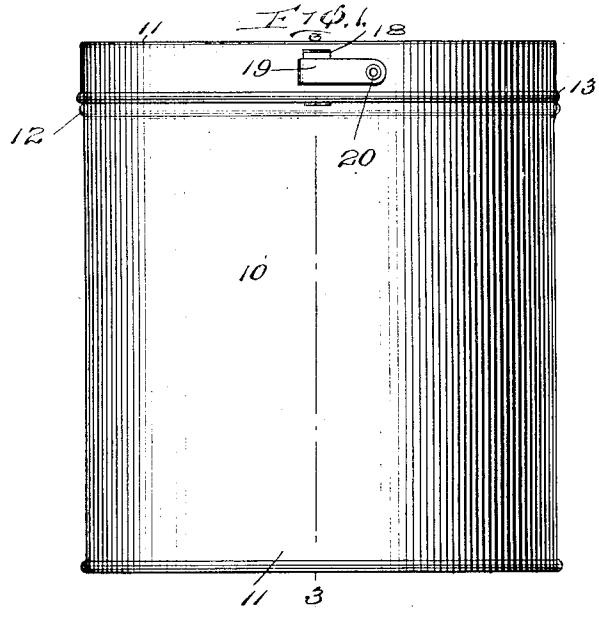

Fig. 5.

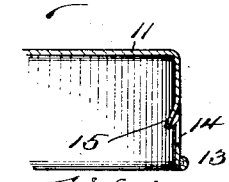

Fig. 4.

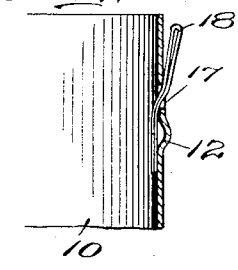

Fig. 2.

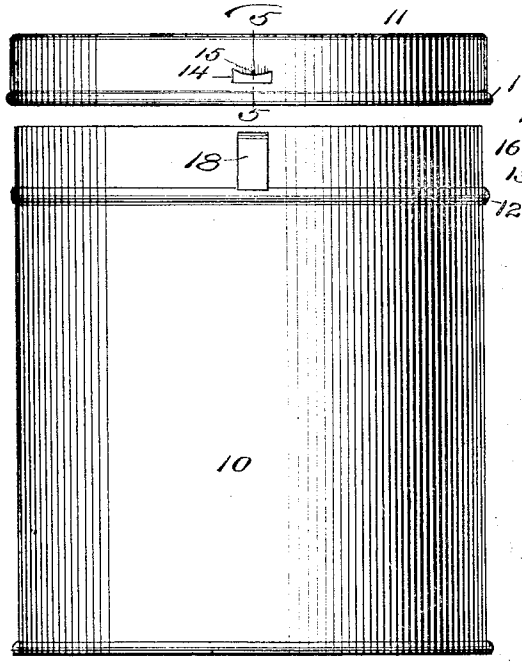

Fig. 3.

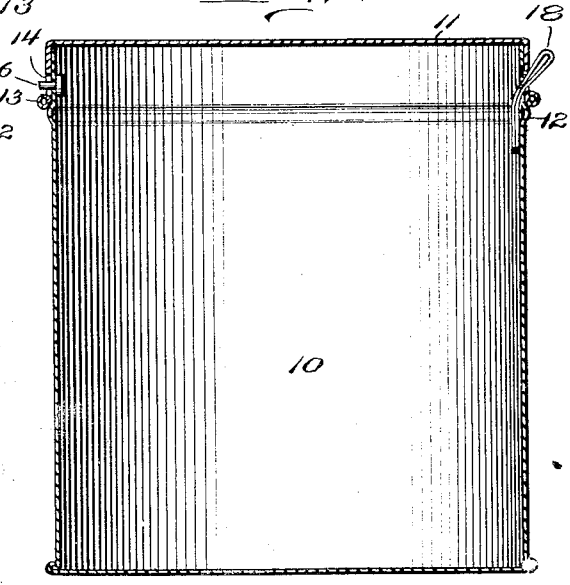

Fig. 6.

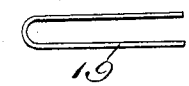

Fig. 7.

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CAN-SEAL.

1,039,601. Specification of Letters Patent. Patented Sept. 24, 1912.

Application filed April 26, 1910. Serial No. 557,805.

To all whom it may concern:

Be it known that I, CHARLES J. SINN, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Can-Seals; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to can seals, and has for an object to provide a can with a cover, such cover being provided at diametrical points with similar slots, with rigid means at one side of the can for engaging one of the slots, and a loop at the opposite side of the can to insert through the opposite slot and a seal for engaging the loop.

A further object of the invention is to provide a can with a cover which fits over the upper edge of the can such cover being provided at diametrical points with similar slots having the upper edge of such slots normally bent inward, and with a spring loop at one side of the can positioned to pass outwardly through one of the slots and receive a U-shaped metallic seal while a rivet is rigidly secured to the opposite side of the can to engage the opposite slot.

With these and other objects in view, the invention comprises certain novel constructions, combinations and arrangements of parts as will be hereinafter fully described and claimed.

In the drawing:—Figure 1 is a view in side elevation of a can embodying the improved sealing means shown in side elevation with the seal attached. Fig. 2 is a view of a can in side elevation with the cover slightly raised above the can showing the loop and slot in one side of the cover. Fig. 3 is a vertical diametrical sectional view through the can as on line 3—3 of Fig. 1. Fig. 4 is a fragmentary detail sectional view of the upper edge of the can and loop in normal position. Fig. 5 is a detail fragmentary view of the upper edge of the can as on line 5—5 of Fig. 2. Fig. 6 is a view in edge elevation of the seal employed. Fig. 7 is a view in side elevation of the sealing eyelet.

Like characters of reference designate corresponding parts throughout the several views.

The sealing device which forms the subject-matter of the present application is intended to be associated with cans for any purpose and of any usual and ordinary construction here shown as associated with a can body 10 of the shape and general make-up intended for shipping oysters, lard and the like. To the can is applied a cover 11 also of substantially the usual and ordinary construction fitting down over the upper edge of the can to a bead 12 and shown as provided with a false wiring 13 although the construction of such bead and wiring is not material to the present invention. Upon opposite sides of the flange of the cover slots shown as a whole at 14 are produced the upper side of such slot being preferably curved as indicated especially at Fig. 2 forming a lip 15 which is normally bent inwardly as shown at Figs. 2 and 5. The slots upon opposite sides of the cover are identical and upon one side of the can any approved rigid engaging means is carried shown at Fig. 3 as a rivet 16 inserted through the material of the can and secured thereto in any usual and ordinary manner. At the opposite side the can is provided with a slot or opening 17 through which is passed a sheet metal loop 18 which is rigidly secured to the interior of the can with the upper end of the loop extending nearly to the upper edge of the can. The position and formation of the loop is such that when the cover has been engaged upon one side upon the rivet 16 the opposite side may be forced downwardly upon the top of the can and the loop 18 engaging against the inwardly bent lip 14 will be forced outwardly through the opening 18 as indicated at Fig. 3. In placing the cover in position it may become necessary to hold the loop 18 inwardly with the finger against the surface of the can but ordinarily the material employed is so thin compared with the size of the can that the operation is entirely automatic.

With the cover placed in position and the loop extending through one of the slots 14 as indicated at Fig. 3 a seal comprising a strip of metal bent to U-shape as indicated at 18 in Figs. 1 and 6 is inserted through the loop 18 and the eyelet 20 inserted through registering openings at the ends of such eyelet and pressed downwardly by the use of an ordinary eyelet press not shown. To remove the seal it is only necessary to bend the seal backwardly and forwardly a number of times until the metal of such seal is

broken when it may be removed but cannot be replaced.

What I claim is:—

1. The combination with a can having a rim at its upper edge forming a complete ring, of a loop upstanding along the rim upon its exterior, and a cover having a flange proportioned to embrace the rim and loop and proportioned to completely cover said loop and also provided with a slot proportioned to permit the looped end to pass therethrough and be exposed upon the exterior of the flange with the slot positioned to prevent access from the exterior to the interior of the can.

2. The combination with a can having a rim at its upper edge forming a complete imperforate ring, of a loop upstanding along the rim upon its exterior, a cover having a flange proportioned to embrace the rim and loop and provided with a slot intermediate its edges to permit the loop to pass therethrough and presenting at its upper edge a sufficient portion of said flange to cover the rim of the can and prevent the passage of the contents of the can through the slot.

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

CHARLES J. SINN.

Witnesses:

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