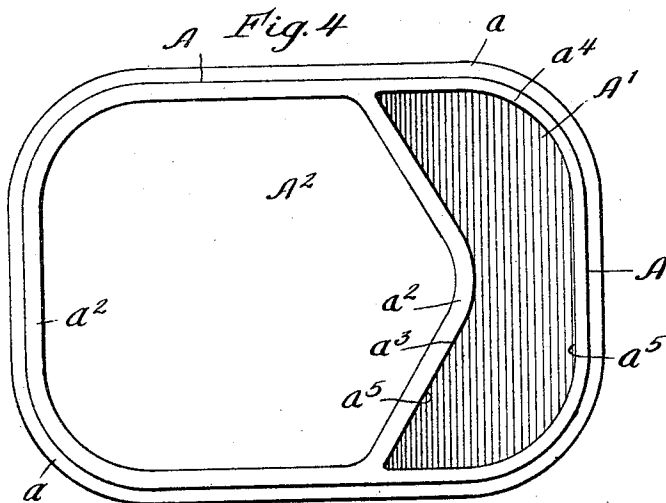
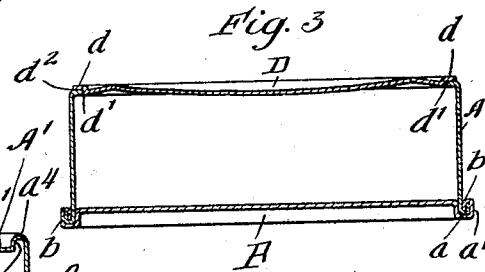
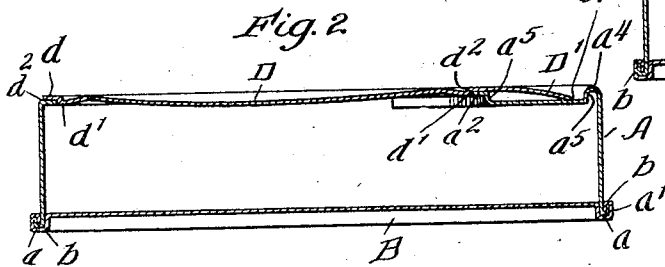
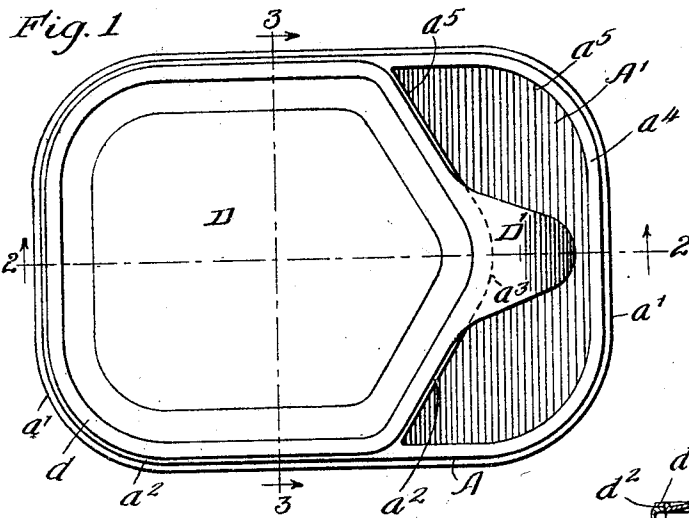


No. 795,125.

PATENTED JULY 18, 1905.

J. G. HODGSON.
KEY OPENING CAN.
APPLICATION FILED NOV. 21, 1904.



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UNITED STATES PATENT OFFICE.

JOHN G. HODGSON, OF MAYWOOD, ILLINOIS, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

KEY-OPENING CAN.

SPECIFICATION forming part of Letters Patent No. 795,125, dated July 18, 1905.

Application filed November 21, 1904. Serial No. 233,558.

To all whom it may concern:

Be it known that I, JOHN G. HODGSON, a citizen of the United States, residing in Maywood, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Key-Opening Cans, of which the following is a specification.

My invention relates to improvements in key-opening cans.

The object of my invention is to provide a key-opening sardine-can having a drawn or seamless body and adapted to have its top head or cover sealed and secured to the body after the can is filled by a double seam, which may be manufactured at small cost, which may be readily and certainly opened with a key, and in which all parts of the can may be free from scores or weakened lines, such as have heretofore been customarily employed in key-opening cans.

My invention consists in the means I employ to practically accomplish this important object or result—that is to say, it consists in a sardine or other can having a seamless body, provided at its mouth end with an outwardly-projecting integral flange folded or adapted to be folded into a double seam with the marginal flange of the countersunk cover, and provided at its other end with a sectional or partial integral head and with a marginal inturned integral flange surrounding this end of the can-body and extending across the sectional or integral head of the can in combination with a removable head having a marginal flange or rim soldered or adapted to be soldered to the inwardly-projecting integral flange on the body and furnished with an integral tongue adapting this removable head to be readily removed by winding the same around a key.

My invention also consists in the novel construction of parts and devices and in the novel combinations of parts and devices herein shown or described.

In the accompanying drawings, forming a part of this specification, Figure 1 is a plan view of a key-opening can embodying my invention. Figs. 2 and 3 are cross-sections on lines 2 2 and 3 3, respectively, of Fig. 1; and

Fig. 4 is a plan view of the seamless body of the can.

In said drawings, A represents a drawn or seamless can-body, the same having at its mouth or filling end an integral outwardly-projecting flange *a*, interfolded into a double seam *a'*, with the marginal flange *b* of the countersunk head B at the mouth or filling end of the can-body. The seamless can-body A has at its other or opening end an integral head section A' and an integral inturned marginal flange *a''*. The partial or sectional integral head A' preferably extends over about one-third or one-fourth of the surface of the can and leaves a large opening A², through which the sardines or contents of the can may be removed when it is opened. The integral sectional or partial head A' is countersunk and the integral inturned flange *a''* extends at *a'''* across the end of the integral, partial, or sectional head A'. The integral head-section A' has a raised flat marginal rim *a⁴*, which forms a continuation of the inturned flange *a''* around this end of the body. The upright wall *a⁵* of the countersunk head-section A' extends all around this head-section A' and is of course integral with the body A. D is the removable sectional head, the same having an integral tongue D' and a marginal rim or flange *d*, bounded on the inside by a flange or shoulder *d'*, which fits inside the opening A². This countersink or shoulder *d'* causes the tongued and removable head or cover D to be readily kept in position on the seamless can-body A during the operation of soldering the same thereto. In opening the can the integral tongue D' is inserted through the slot of the key and the removable sectional head D removed by rolling or winding the same around the key, thus ripping the soldered joint *d''*, which unites the head or cover section D to the soldering-flange *a² a³* of the seamless body A.

I claim—

1. In a key-opening can, the combination with a seamless can-body having an integral countersunk head-section extending over a portion of one end of the can and a large opening for removal of the contents of the can, a marginal integral soldering-flange extending

around said opening and along the integral head-section, and a removable head or top provided with a tongue and a soldering-flange, substantially as specified.

5 2. In a key-opening can, the combination with a seamless body having an integral head extending over a portion of one end of the can and having an inwardly-projecting soldering-flange extending around said seamless
10 body and along the edge of said integral head-section, of a removable countersunk head furnished with a tongue and united by a solder-joint to said seamless body, substantially as specified.

15 3. In a key-opening can, the combination with a seamless body having at one end a head secured thereto by a double seam and at its opposite end an integral countersunk head-section extending over a portion of that end
20 of the can, and provided with a large opening for removal of the contents of the can, and a marginal flange extending around said opening of a removable head provided with a

tongue and a flange soldered to said marginal flange on the can-body, substantially as specified. 25

4. In a key-opening can, the combination with a seamless body having at one end a head secured thereto by a double seam and at its opposite end an integral countersunk head-
30 section extending over a portion of that end of the can and provided with a large opening for removal of the contents of the can, and a marginal flange extending around said opening and a removable head provided with a
35 tongue and a flange soldered to said marginal flange on the can-body, said seamless body having an integral raised flat marginal rim a^1 forming a continuation of said marginal inturned flange and flush therewith, substan-
40 tially as specified.

JOHN G. HODGSON.

Witnesses:

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