

B. H. KANNENBERG.
SOLDERLESS CAN SEAM PACKING COMPOSITION.
APPLICATION FILED NOV. 12, 1906.

1,006,098.

Patented Oct. 17, 1911.

Fig. 1

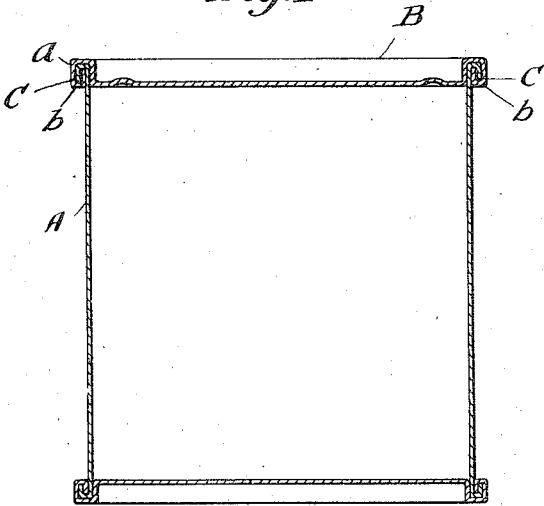


Fig. 3

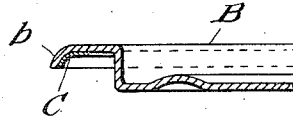
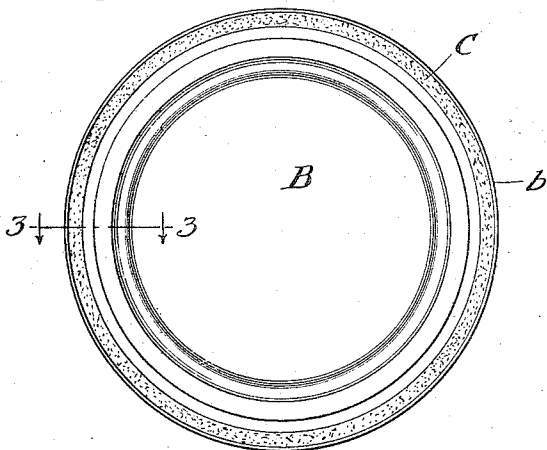


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

BALDWIN H. KANNENBERG, OF OAK PARK, ILLINOIS, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

SOLDERLESS-CAN-SEAM-PACKING COMPOSITION.

1,006,098.

Specification of Letters Patent.

Patented Oct. 17, 1911.

Application filed November 12, 1906. Serial No. 343,139.

To all whom it may concern:

Be it known that I, BALDWIN H. KANNENBERG, a citizen of the United States, residing in Oak Park, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Solderless-Can-Seam-Packing Compositions, of which the following is a specification.

My invention relates to double seam cans or other cans having folded or solderless seams, and more particularly to packing composition for such seams of cans.

The object of my invention is to provide a seam packing for double seam or other cans which may be applied to the seaming flange of the can cover or can body at the time the cans are manufactured, and which will permanently adhere in place without danger of being displaced or rubbed off in handling and shipment, and will not become brittle or deteriorate during handling, shipment or storage of the cans prior to filling and closing, and by means of which hermetically tight seams can be produced with certainty and reliability.

My invention consists, in connection with the can body, can cover and their seaming flanges, of an adhesive packing composition applied to the seaming flange of one of the parts, preferably the cover, and consisting of caoutchouc or Para rubber one part, benzoin, naphtha, or like rubber solvent ten parts and zinc oxid, commercially known as zinc white, one part, the parts being by weight and being thoroughly mixed and dissolved together. This packing composition when ready for application to the seaming flange of the cover, is in a liquid sticky, adhesive or tacky form, and when applied in a thin coating to the seaming flange will quickly dry and form a firm, strong, elastic compact homogeneous body in the form of a thin

continuous film or packing, not liable to become severed or have its continuity broken at any point, and which will adhere firmly in place on the seaming flange, and which when embraced between the folds of the seam, will form a secure and hermetically tight joint or seam, and which, at the same time, is free from any injurious action upon the food contents of the can.

In the accompanying drawing, which forms a part of this specification, Figure 1 is a central vertical section of a preserving can having a body A provided with a seaming flange *a*, and cover B having a seaming flange *b* provided with a thin coating or film of my packing composition C on the outer portion of the seaming flange, the two seaming flanges being interposed together into a hermetically tight seam, the same being preferably what is known as a double seam. Fig. 2 is a reverse plan view of the cover showing the packing composition applied to its seaming flange. Fig. 3 is a detail section on line 3-3 of Fig. 2.

The packing or coating C is preferably applied to the outer or peripheral half or portion only of the seaming flange *b*.

I claim:

A can cover provided with a seaming flange having a thin, continuous, strong, hard, firm, elastic and innocuous seam packing coating thereon, consisting of rubber, a rubber solvent and zinc oxid in the proportions substantially as set forth, said coating being on the peripheral portion only of said seaming flange, and firmly adhering to the tin coated surface of said seaming flange, substantially as specified.

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Witnesses:

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