

Feb. 19, 1929.

1,702,325

J. H. VAN SICKELS

PACKAGE

Filed March 18, 1927

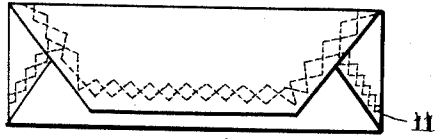


FIG. 6

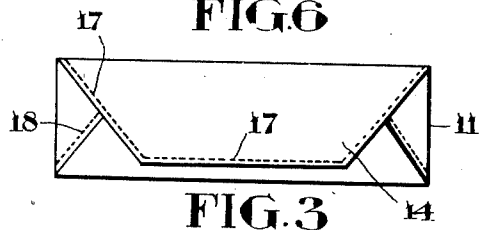


FIG. 3

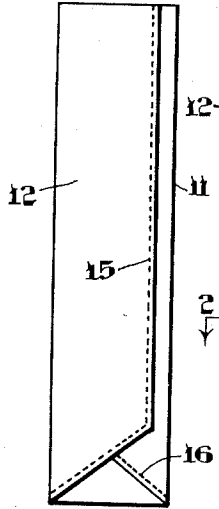


FIG. 5

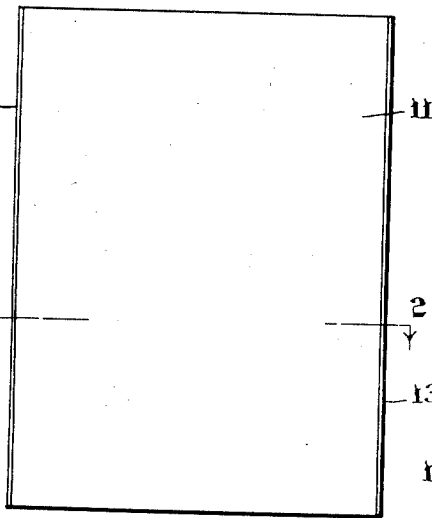


FIG. 1

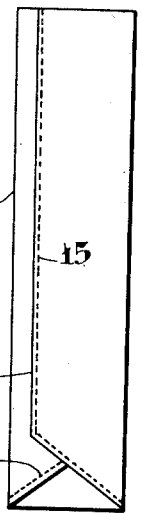


FIG. 4

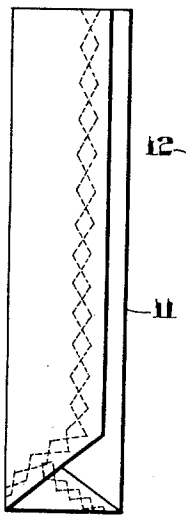


FIG. 7

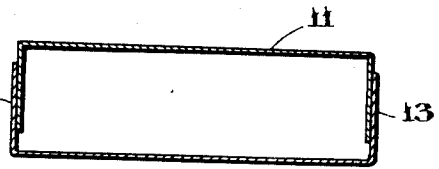


FIG. 2

INVENTOR
JOHN H. VAN SICKELS
J. H. Van Sickle & Co.
ATTORNEYS

Patented Feb. 19, 1929.

1,702,325

UNITED STATES PATENT OFFICE.

JOHN H. VAN SICKELS, OF MONTREAL, QUEBEC, CANADA, ASSIGNOR TO IMPERIAL TOBACCO COMPANY OF CANADA, LIMITED, OF MONTREAL, CANADA.

PACKAGE.

Application filed March 18, 1927. Serial No. 176,487.

This invention relates to new and useful improvements in packages and, particularly, to packages for perishable goods, and the object of the invention is to provide a simple and economically manufactured package which will protect the goods contained therein from being affected by climatic changes, and the like.

Another object is to provide a hermetically sealed package of light construction which will be easily opened without the use of tools of any kind.

A further object is to provide a metallic package which will be rust proof.

In my invention I provide a metallic package which is folded around the goods to be shipped and sealed by fusing or welding the contacting edges or portions of the package together. Before finally sealing, all air from the package is exhausted by any suitable means and the package is then closed or sealed by welding or fusing same.

In the drawings which illustrate my invention:—

Figure 1 is a front elevation of the package.

Figure 2 is a sectional plan taken on the line 2—2 Figure 1.

Figure 3 is a plan view of the top of the package.

Figures 4 and 5 are side elevations of same.

Figure 6 is a plan view of one modification which may be made to the top of the package to seal same.

Figure 7 is a side elevation of the package showing one modification which may be made in the manner of sealing same.

Referring more particularly to the drawings, 11 designates the package which may be made from a rectangular sheet of tin, or composite foil, which is very thin and flexible and easily folded to totally enclose the goods to be protected. The sheet is folded over the bottom and is adapted to have its edges in overlapping relation at the sides 12 and 13.

The top 14 is then folded in the usual manner. In Figures 1 to 5 inclusive, the package is shown as sealed along the lines 15, 16 and 17 and 18, and this is accomplished by applying heat locally along said lines and fusing or welding the contacting faces of the foil together, either electrically or by other means well-known in the art. In Figures 6 and 7 the welding or fusing of the tin or composite foil may be arranged in the zig-zag form, or

what is commonly known as stitch welding. Before finally sealing the package, practically all the air therein is exhausted so that the goods are hermetically sealed within the package.

In the drawings the package shown is of rectangular form, but this is only for illustrative purposes as the shape of the package may be altered to suit the packers, without departing from the spirit of the invention.

It will be seen that goods may be quickly and economically packed in the manner herein described and are protected from being affected by atmospheric or climatic changes, which would otherwise affect the goods. It will also be seen that a package made of a thin sheet of flexible tin or composite foil may be easily opened without the use of tools of any description. The goods may also be packed in an inner wrapper and the tin foil package may be crushed and easily disposed of once the seal is broken.

Having thus described my invention, what I claim is:—

1. A method of packing goods which consists in enclosing the goods within a piece of metallic foil folded about the goods to dispose portions of the foil in overlapping relation and then welding the foil along lines paralleling but located inwardly of exposed edges of the lapped portions whereby said edges are left free to facilitate opening of the package.

2. A method of packing goods which consists in enclosing the goods within a folded piece of metallic foil and line welding the overlapping edges of the foil along lines clear of the edge of the foil so that they will adhere to one another but will leave a marginal edge.

3. A method of packing perishable goods which consists in totally enclosing the goods within a flexible sheet of metallic foil, so that parts of the foil will be in overlapping relation, applying heat locally along the overlapping portions clear of the edge to fuse same and form a seal, while leaving a free marginal edge, exhausting the air and finally sealing the package by folding the foil and fusing the contacting parts together by the local application of heat.

In witness whereof, I have hereunto set my hand.

JOHN H. VAN SICKELS.