NEUBERGER & ILLIG.

Fruit Can.

No. 47,216. Patented April 11, 1865.

Fig. 1.

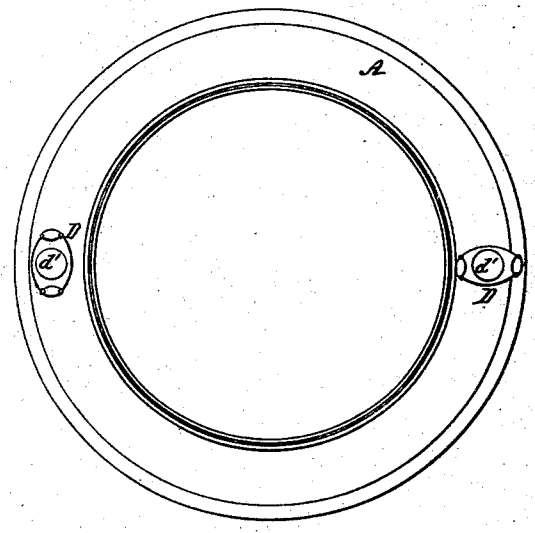


Fig. 2.

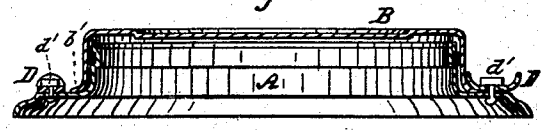


Fig. 3.

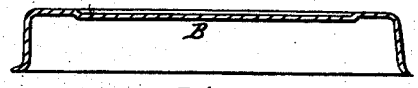
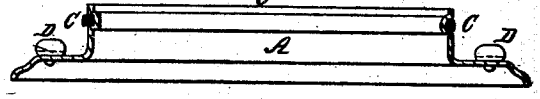


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOSEPH NEUBERGER AND PETER J. ILLIG, OF BUFFALO, NEW YORK.

IMPROVEMENT IN FRUIT-CANS.

Specification forming part of Letters Patent No. **47,216**, dated April 11, 1865.

To all whom it may concern:

Be it known that we, JOSEPH NEUBERGER and PETER J. ILLIG, of the city of Buffalo, county of Erie, and State of New York, have invented a new and useful Improvement in the Construction of Fruit-Cans; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure I is a plan view of a rim, which is made of tin and fitted on and forming the top of a fruit-can. Fig. II is a section of this rim with its cap or cover fitted thereon. Fig. III is a section of the cap or cover, and Fig. IV is a section of the rim.

The nature of this invention relates, first, to making a rim of tin or other similar metal to fit on the top of a can or jar, having a slightly-tapering neck with a groove formed therein for the reception of a rubber or other packing, so that when the cover is put on the connection will be air-tight; second, in making a cap or cover to fit on the taper neck of the rim having a flange formed thereon, in combination with a button on the rim for holding the rim and cap firmly together.

Letters of like name and kind refer to like parts in each of the figures.

A represents a rim made of tin or other similar material, so that it may be tightly fitted on to the top of a fruit can or jar. It has a slightly-tapering neck in which there is formed a groove, as shown at *a'*. This groove is for the purpose of receiving and holding a packing strip or band of rubber or any other suitable material which fills the groove and projects slightly, so that when the cap or cover is put on it will compress the packing and cause the cap or cover to fit on air and water tight. The packing C is represented as in the groove and projecting slightly therefrom.

B represents a cap or cover, which is also made of tin or other similar material, which may be spun or formed by the ordinary use of tools in a tinsmith's shop. A flange is formed thereon, as shown at *b'*, so that the button D may catch thereon and hold the rim down firmly in its place.

D is a button of an oblong shape, which is made fast to the rim A by means of a large-headed pin or bolt, *d'*, the pin being soldered or otherwise fastened to the rim in a manner to allow the button to turn thereon. There are two of these buttons used, as shown. When the fruit-can is filled and the cap or cover B put on, then the buttons are turned so that they will lap onto the flange of the cap, as shown at the right hand in Figs. I and II, and when it is required to remove the cap the buttons are turned so as to disengage the flange, as shown at the left hand in Figs. I and II. These buttons insure a permanent and safe holding of the cap down to its place, so that no ordinary pressure from within will lift it from its place.

This improvement is very cheap and easy of construction, and is perfectly safe and reliable as an air and water tight cap or cover for fruit cans or jars, and as a distinct article may be manufactured separately from the body of the jar, and of different sizes, so that they may be conveniently packed and sent away in sets to localities where there is no suitable machinery for such manufacture, when they can be readily attached to jars or cans by workmen who have facilities for making the body of jars or cans, but no suitable tools for making these rims, (as more expensive and different tools are required for making these rims than for making the body of the jar or can,) and hence a cheaper and better article of fruit cans or jars is produced for public use.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. As a distinct article of manufacture, a rim, A, made of tin or other similar material, having a slightly-tapering neck with a groove, *a'*, formed therein, for receiving and holding a packing-strip, C, substantially as and for the purpose set forth.

2. In making a cap or cover, B, to fit onto the taper neck of the rim, and having a flange, *b'*, formed thereon, in combination with a button, D, for the purposes and substantially as described.

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