

G. WILLIAMS.

Fruit Can.

No. 59,699.

Patented Nov. 13, 1866.

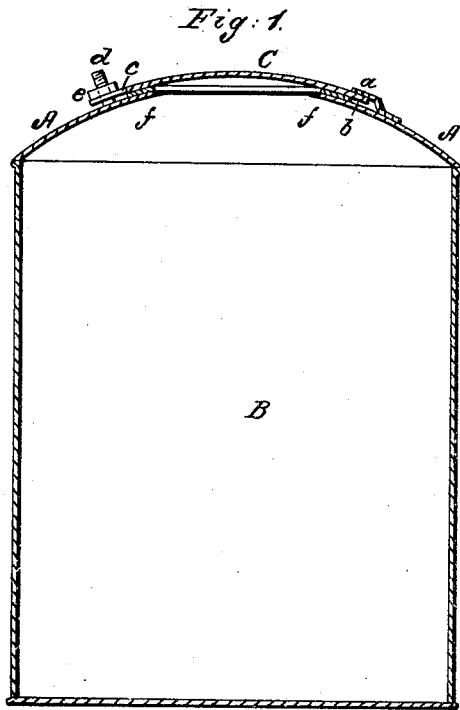
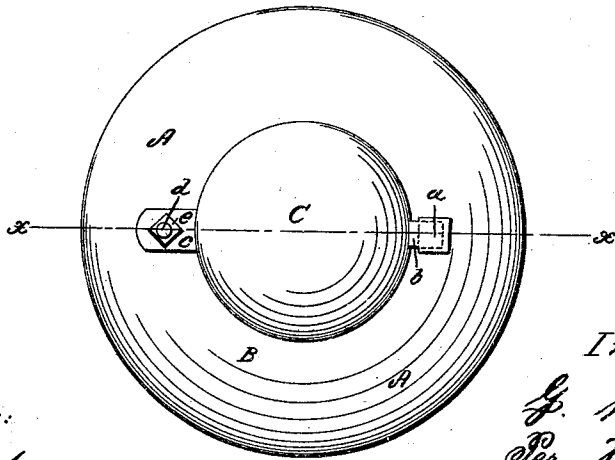


Fig: 2.



Witnesses:
F. A. Jackson.
W. C. Brown.

Inventor:
G. Williams.
Per Mum & Co.
Attorneys.

UNITED STATES PATENT OFFICE

G. WILLIAMS, OF WEST MIDDLEBURG, OHIO.

IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. 59,699, dated November 13, 1866.

To all whom it may concern:

Be it known that I, GARRET WILLIAMS, of West Middleburg, in the county of Logan and State of Ohio, have invented a new and Improved Fruit-Can; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a vertical cross-section taken on a plane indicated by the line *x x*, Fig. 2. Fig. 2 is a plan or top view.

Similar letters of reference indicate like parts.

This invention relates to such metal cans in which fruit or other articles are preserved to which no air should be admitted; and it has for its object the construction of a cap and the arrangement for securing the same to such a can in such a manner that no air can pass in when the cover is closed, that it may easily be opened and reclosed, and be of a very simple and cheap construction.

The improvement consists in attaching to the cover of the can, into which an orifice is cut for the removal or insertion of the contents, a socket or catch, and opposite to it a screw; and in attaching to the cap which covers the orifice two tongues, one of them passing under the said socket, while the other fits over the screw and is then held down by a nut, which keeps the whole cap secured over the orifice, an intermediate annular rubber plate helping to completely exclude the air from the contents of the can.

Into the cover A of the can B is cut an orifice large enough to enable fruit or other articles to be entered or removed. This cover is secured to the body of the can in any desired manner. On one side of the orifice is

attached to the cover A a socket or catch, *a*, into which fits the tongue *b* of the cap C. Opposite to the socket *a* is also secured to the cover A a small screw, *d*, over which is passed or slid the lip *e* of the cap C. An annular rubber plate, *f*, is secured to the lower side of the cap C, and fills the space between the cap C and the cover A when the latter is screwed down by the nut *e*.

When the can is to be sealed the lip *b* of the cap is placed within the socket and the lip *e* passed over the screw *d*, which is easily done, as the hole in the lip *e* is somewhat larger in diameter than the screw, and has therefore easy play thereon. As soon as the nut *e* is screwed down the cap will fit secure over and completely close the orifice. The diameter of the cap has to be so much larger than that of the orifice that the rubber plate will be permitted to rest on the cover A itself. The socket *a* fits closely over and around the lip *b*, as shown in the drawings, so as to prevent the moving of the cap when screwed down.

The whole of this can, with the exception of the nut, screw, and rubber ring, can be made of sheet metal, and it is, therefore, considering also its simple construction, very easily manufactured and cheaply made; and as it very effectively excludes the contents from the atmosphere it is superior to all others heretofore made on account of its cheapness, simplicity, and efficiency.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the can B, socket *a*, and screw *d* with the cap C, tongues *b* and *e*, and nut *e*, for the purpose shown, and operating substantially in the manner herein set forth.

GARRET WILLIAMS.

Witnesses:

T. J. BLACKBURN,
ROBERT N. JORDAN.