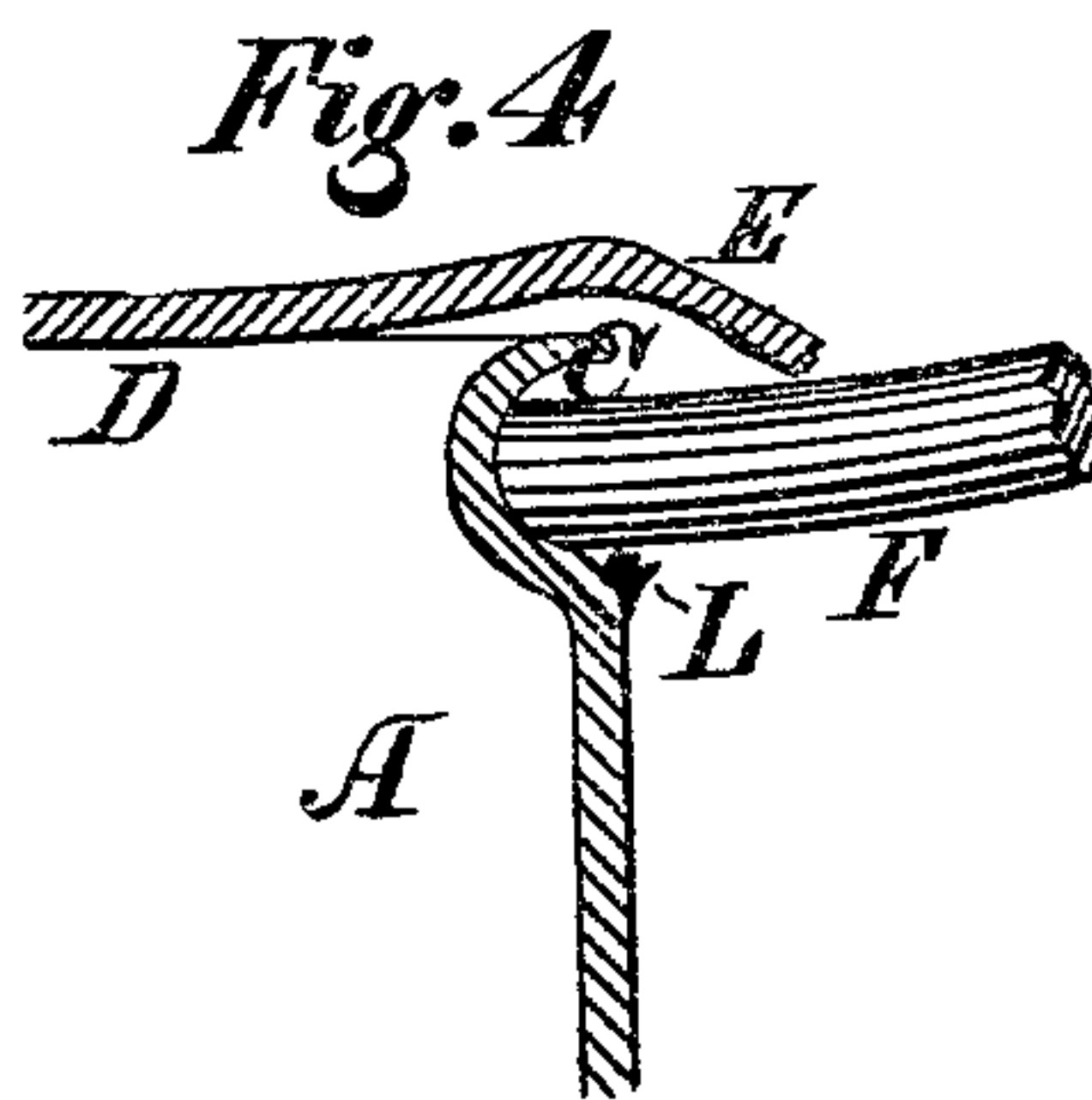
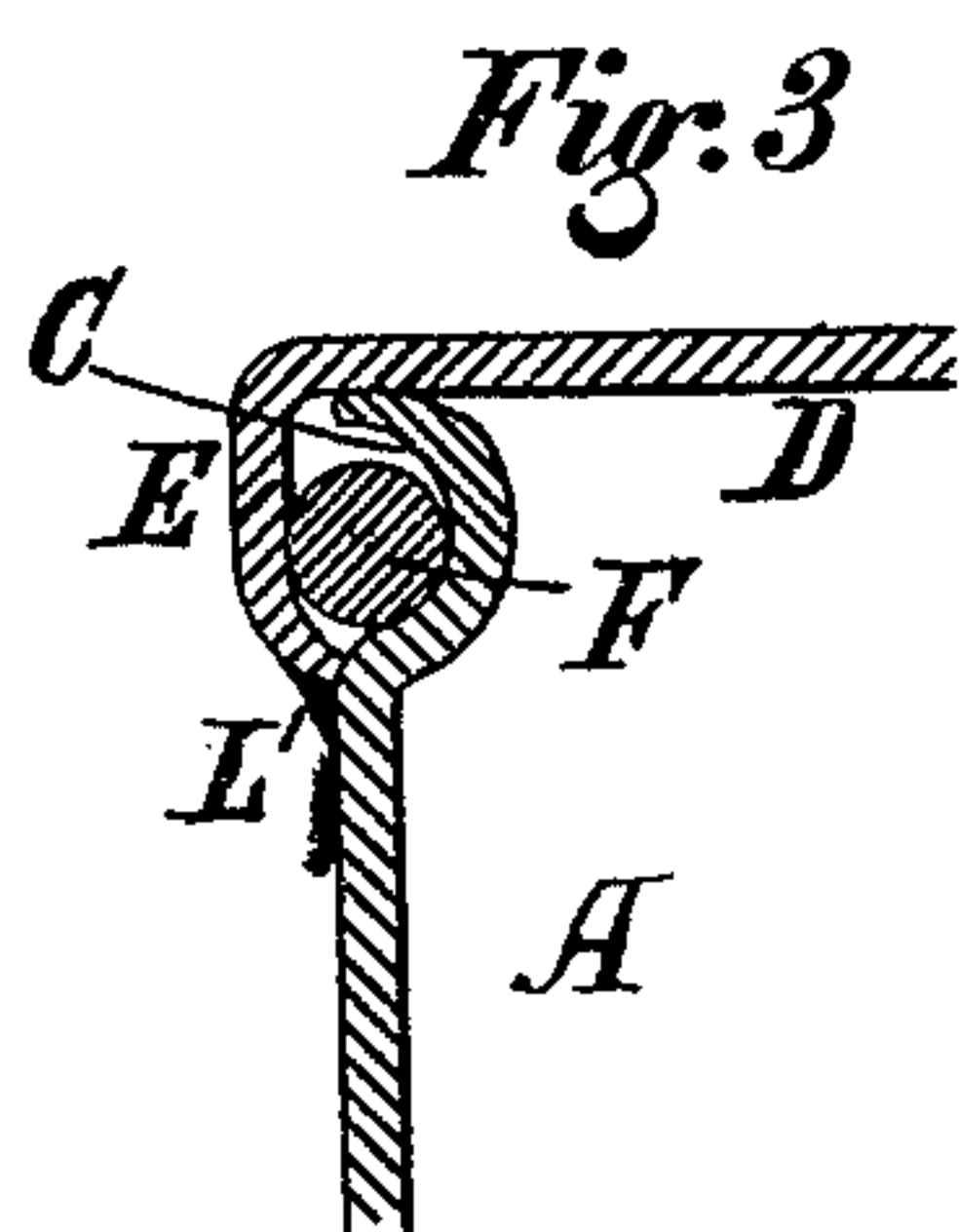
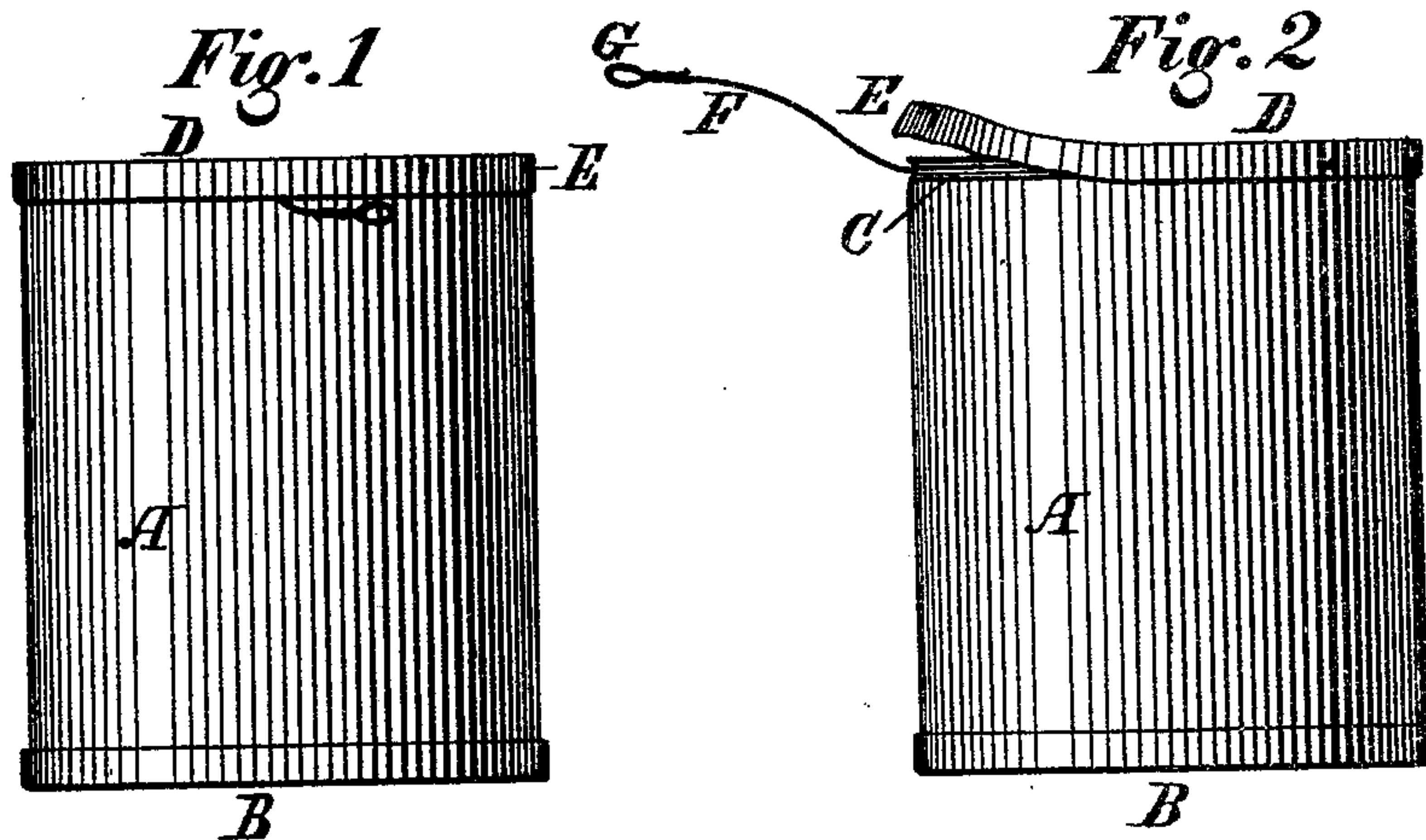


C. GREEN & W. WILSON, Jr.

METALLIC-CANS.

No. 183,760.

Patented Oct. 31, 1876.



Witnesses

W. R. Wright.
W. C. Brauer.

By

Charles Green
William Wilson Jr.

Donald Taylor.

Inventors

Attorney

UNITED STATES PATENT OFFICE.

CHARLES GREEN AND WILLIAM WILSON, JR., OF WILMINGTON, DELAWARE.

IMPROVEMENT IN METALLIC CANS.

Specification forming part of Letters Patent No. 183,760, dated October 31, 1876; application filed May 15, 1876.

To all whom it may concern:

Be it known that we, CHARLES GREEN and WILLIAM WILSON, Jr., both of Wilmington, in the county of New Castle and State of Delaware, have invented a new and useful Improvement in Metallic Cans, of which we hereby declare the following specification to be a full, clear, and precise description, and sufficient to enable those skilled in the art to which our invention appertains to comprehend and employ it, reference being had to the accompanying drawings, which form part of this specification.

Our invention relates to the class of hermetically-sealed cans for paints, preserves, powder, and the like; and has for its object a cheaply-constructed can, which, although sealed by means of solder, can yet be easily opened without section of the metal of either body or head; to which end it consists of the can hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of our finished can sealed up; Fig. 2, a similar view of the same under process of opening; Fig. 3, a magnified central sectional detail of a portion of the cover and body sealed up, and Fig. 4 a similar view of the same parts under process of opening.

Like letters of reference denote like parts wherever used.

With reference to the drawings, the following is an explanation of our invention: A is the body of an ordinary can, made in any convenient manner, of any fit material. B is the bottom, secured, as desired, to the body. The upper chime is corrugated inward, so as to form a circumferential groove, C, opening outward, the corrugation being effected by rollers or other means. D is the cover, provided with a rim, E, to fit over the body; L, the solder used to secure the cover to the body. F is a wire or piece of metal, alloy, or other suitable material, of size sufficient to lie within the groove C, and to surround the can, one end

being secured conveniently, by solder within the groove, to the body, and the other being formed into an eye, knob, bend, or hook, or other conformation, G, for facility in grasping.

When the can so constructed is filled, the wire laid in the groove, and one end of it secured, as described, the cover is then put on (leaving the eye G projecting outside beneath the rim, a notch being cut for it in the rim, if desired) and soldered at L on the line of contact of rim and body, immediately below the wire in the groove.

To open, the eye of the wire is grasped by hand, hook, pinchers, or other means, force exerted out and down upon it, drawing the wire out, and thereby breaking the line of solder only, without section or damage to the can other than bending the metal of the cover.

The convex surface of the groove forms a smooth edge for the brush, when paints are inclosed, which is not injured or touched in either closing or inclosing.

Both ends of the can may be secured in the manner described.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

In combination, a can-body, A, the chime of which is formed into a groove, C, a cover, D, provided with a rim, E, and secured to the body by solder L, and a free wire, F, laid in the groove, fastened to the can-body at one end, and terminating in an eye, G, at the other, the eye projecting from beneath the rim, the whole arranged so that the wire, when seized by its eye and forcibly drawn, will sever the solder, substantially as described.

In testimony whereof we have hereunto signed our names.

CHARLES GREEN.
WM. WILSON, JR.

In the presence of—
J. BONSALE TAYLOR,
W. R. BRINCKLE.