

E. NORTON.
Can.

No. 209,070.

Patented Oct. 15, 1878.

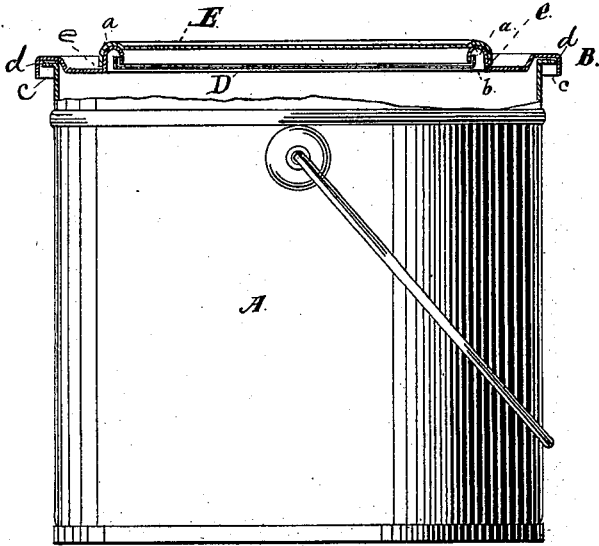


Fig. 1.

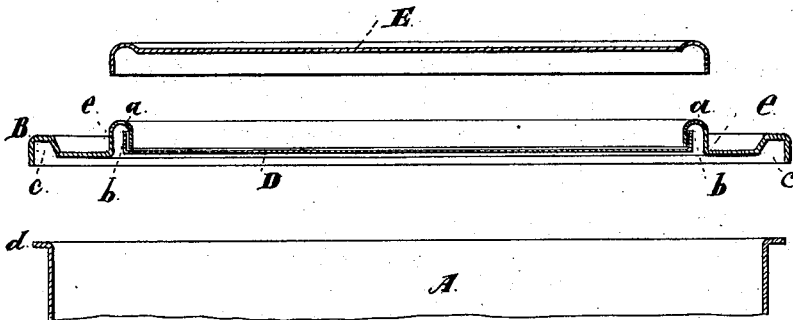


Fig. 2.

Witnesses:

E. J. West
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UNITED STATES PATENT OFFICE.

EDWIN NORTON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CANS.

Specification forming part of Letters Patent No. 209,070, dated October 15, 1878; application filed August 13, 1878.

To all whom it may concern:

Be it known that I, EDWIN NORTON, of Chicago, Cook county, State of Illinois, have invented a new and useful Improvement in Cans, of which the following is a full description, reference being had to the accompanying drawing, in which—

Figure 1 is an elevation, the upper part being in section, and showing the cover ready to be seamed on; Fig. 2, a detail view in section, showing the principal parts separated.

It is customary to put mixed paints into tin cans for shipment, and purchasers for use are in the habit of cutting away the cover or a portion thereof and using the paint direct from the can. As such cans are now made, when the cover or a part of it has been cut away a rough edge remains, with which the brush will come in contact when drawn over the edge of the opening, which it is desirable to do, to remove and save the surplus paint which is likely to adhere to the brush in use.

The object of my invention is to obviate this difficulty, which I accomplish by providing an annular disk, which forms a portion of the cover, with a bead at the inner edge, so formed that upon the inside there will be a recess to receive the edge of the disk, which may form the remainder of the cover. Said bead projects upward and forms a smooth surface, over which the brush can be drawn after the necessary portion of the cover has been removed to give access to the paint. I also provide a secondary cover, fitting over said bead and held by friction, which can be used after a portion of the main cover has been removed.

In the drawings, A represents the body of a paint-can made of tin. B is an annular disk or ring stamped into the form shown, *a* being a bead at the inner part of the disk B, projecting upward, *b* being a recess on the under side, formed by the walls of the bead *a*, and *c* being another recess on the under side of the disk B, adapted to fit over the upper edge of the body of the can, which upper edge is turned over, forming a flange, *d*. D is a piece of sheet metal, the edge of which is turned at right angles, forming a flange, which enters the recess *b* in B, and is there secured either by solder or suitable cement.

The outer wall, *e*, of the bead *a* is perpendicular most of the way. E is a secondary cover, which fits over the bead *a*, and is held thereon by friction.

It is customary to furnish paint-cans to the paint-manufacturer with loose covers, which are seamed onto the tops of the cans after the same have been filled. I have therefore shown such a cover in the drawings. The cover could be secured in place before being sent from the shop, and the cans might be filled through a hole in the bottom, to be covered by a piece of tin soldered over the opening after filling the can.

When the paint is to be used that portion of D which is within the bead *a* can be cut out by means of a knife or other suitable instrument, and the bead *a* will furnish a smooth surface over which to draw the brush to remove and save the surplus paint which adheres thereto in use; and if, in cutting out said portion of D, by accident any parts are left so projecting as to interfere with the brush, they can be easily bent down and under the edge of the opening.

The secondary cover E is a desirable feature. It frequently happens that only a part of the contents of the can is required for immediate use, and this cover E fits nearly airtight, and is a very good protection.

As shown, the central portion D of the cover is secured in the recess *b* in B; but it is not essential that it be so secured. The object of this part D is to effectually close the central opening in the ring B during transportation, and D or anything performing its office may be secured in place in some other manner. It might lap over the recess *b* and be soldered to the under side of the part B. Any sheet so secured as to close the central opening in B during transportation will answer the purpose and perform the function of the part D, provided such sheet can be conveniently cut away to give access to the contents of the can.

What I claim as new is as follows:

In a can, a cover consisting of the annular ring or disk B, having an upwardly-projecting bead, *a*, and the central portion D, adapted to be cut away, in combination with the secondary cover E, fitting over the bead *a*, substantially as and for the purposes set forth.

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Witnesses:

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