

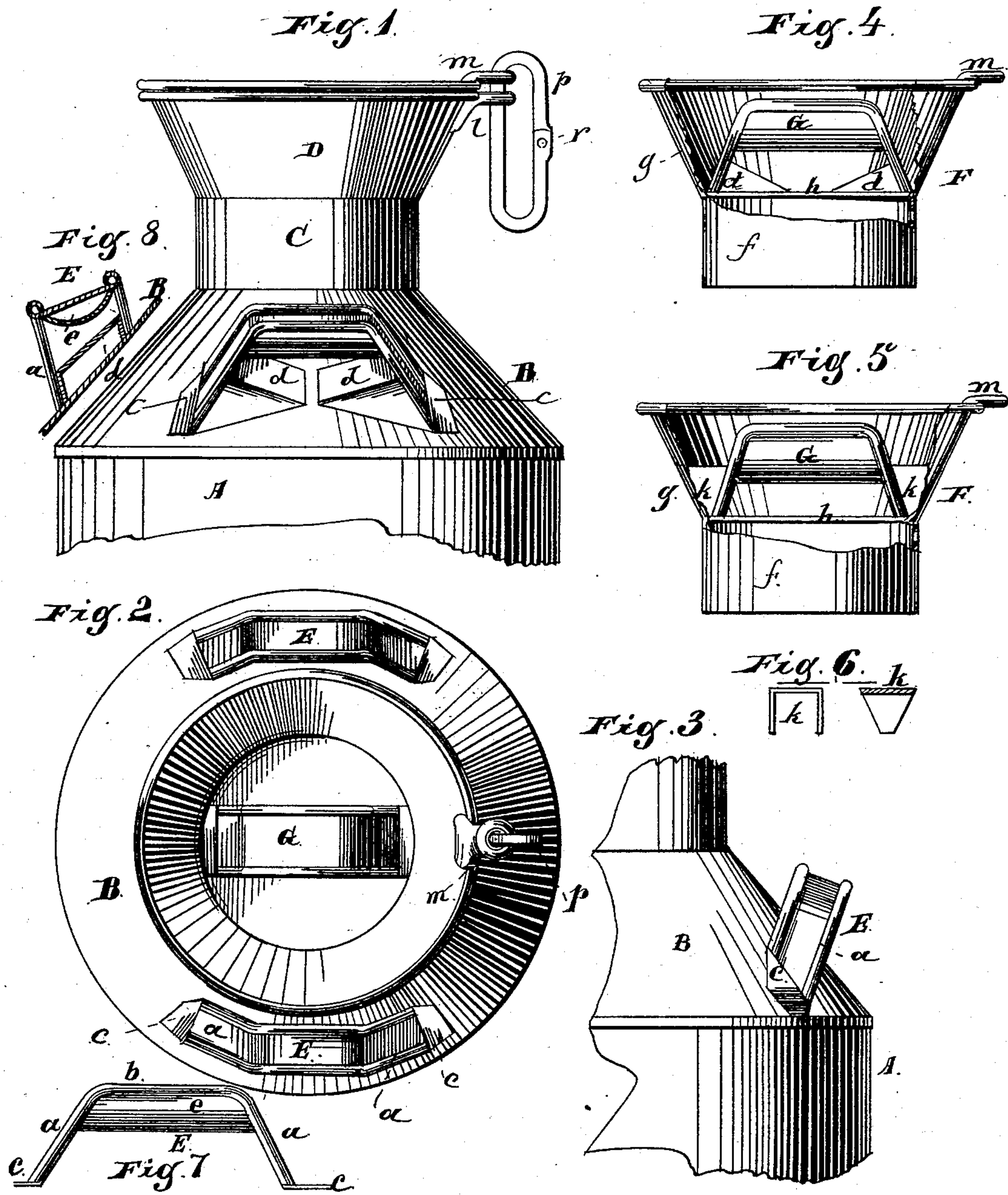
(No Model.)

M. T. BARROWS.

CAN.

No. 279,521.

Patented June 19, 1883.



Witnesses:

E. A. West.
A. H. Adams.

Inventor:

Martin T. Barrows

UNITED STATES PATENT OFFICE.

MARTIN T. BARROWS, OF DUNDEE, ILLINOIS.

CAN.

SPECIFICATION forming part of Letters Patent No. 279,521, dated June 19, 1883.

Application filed March 22, 1883. (No. model.)

To all whom it may concern:

Be it known that I, MARTIN T. BARROWS, residing at Dundee, in the county of Kane and State of Illinois, and a citizen of the United States, have invented new and useful Improvements in Cans, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is an elevation; Fig. 2, a top view; Fig. 3, a detail showing a side view of the handle on the can; Fig. 4, an elevation of the can-cover detached from the can, a portion being cut away to show the handle. Fig. 5 is a modification; Fig. 6, a detail of the brace shown in Fig. 5; and Fig. 7 is a detail. Fig. 8 is a detail.

Cans which are used for the transportation of milk are subjected to severe usage, and the handles of such cans are frequently broken off. The covers of such cans are provided with a handle, which frequently becomes bent or broken off.

The object of my invention is to provide improved handles, both for the body of the can and the cover, and this I accomplish by the construction hereinafter described and claimed.

In the drawings, A represents the body of a milk-can.

B is an angular portion above the body A, and C is the neck; D, a flaring top above the neck. These parts are made in the usual manner.

E are the handles of the can. They are made of sheet metal, the edges of the handles being turned over and wired with strong wire. The sides *a* of the handles E do not stand at right angles with the top *b*, but at a considerable angle therewith, as shown in the drawings, and at each end of the handle is a projecting part, *c*, so formed as to fit upon the part B, and these parts *c* are secured to B by solder.

d are two strong braces, made of sheet metal and soldered both to the inside of the handle and also to the part B. By making the handle of the form shown and described the sides *a* act as braces, and, in connection with the braces *d*, support and hold the handle so se-

curely and firmly that it is not likely to be bent or broken down, and it will require great force to force the handle over in any direction. It has been common to make the parts *a* stand at right angles to the part *b*, or slightly inclined, and when so made a considerable blow upon either side was likely to bend the handle over or break its fastening. This difficulty my construction obviates. The inside of the top *b* of the handle is provided with a strengthening-piece, *e*.

F is the can-cover, consisting of two parts, a neck, *f*, and a flaring portion, *g*, adapted to fit respectively into the parts C D.

h is a diaphragm or cover proper between the parts *f g*.

G is a handle having angular sides similar to the sides *a* of the handle E.

d are strong sheet-metal braces, soldered to the handle and to the part *h*. Instead of the braces *d*, pieces *k* (shown in Figs. 5 and 6) might be soldered to the outside of the upright portions of the handle G and to the inside of the flaring part *g*, as shown in Fig. 5. This handle G, formed, applied, and braced as described, and also soldered to the piece *h*, will be very strong, and will stand severe usage.

l is an ear suitably secured to the part D and on its outside. *m* is another ear secured upon the inside of the part *g* of the cover F.

p is a link, which is passed through the holes in the two ears *l m*, the ends of which link are secured together by means of a rivet, *r*.

The ears applied as described do not interfere with the close fitting of the cover in the body of the can, and the link *p* will prevent the cover from becoming detached from the can, but will not interfere with the removal of the cover, as the use of the can may require. It will be seen that the link *p* serves as a means for permanently connecting the cover to the can, and also as a hinged connection, which permits the cover to be raised and turned back without disconnecting the link.

I do not broadly claim a handle having inclined ends secured to the sloping top or to the cover of a can, as such feature of itself is not my invention.

My improvements are primarily designed for cans which are used in the transportation of milk, but may be used with cans designed for other purposes.

5 What I claim as new, and desire to secure by Letters Patent, is as follows:

In a can, a handle having angular sides or ends *a a*, in combination with sheet-metal

braces secured both to the handle and to the cover or can, substantially as and for the purpose specified.

MARTIN T. BARROWS.

Witnesses:

E. A. WEST,
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