

(No Model.)

J. H. HEISEY & T. OLIVER.
CAN HANDLE.

No. 437,199.

Patented Sept. 30, 1890.

Fig. 1.

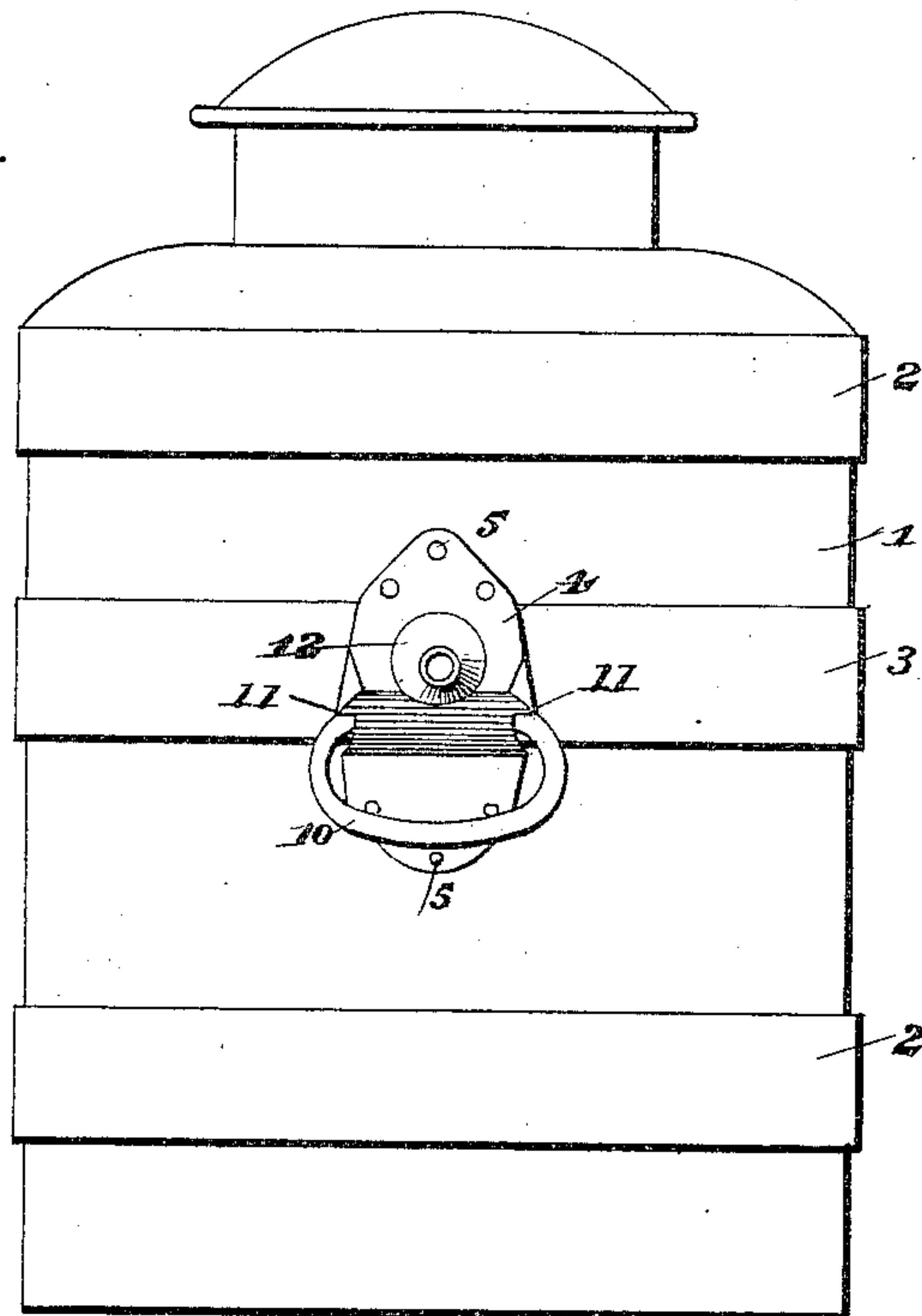


Fig. 2.

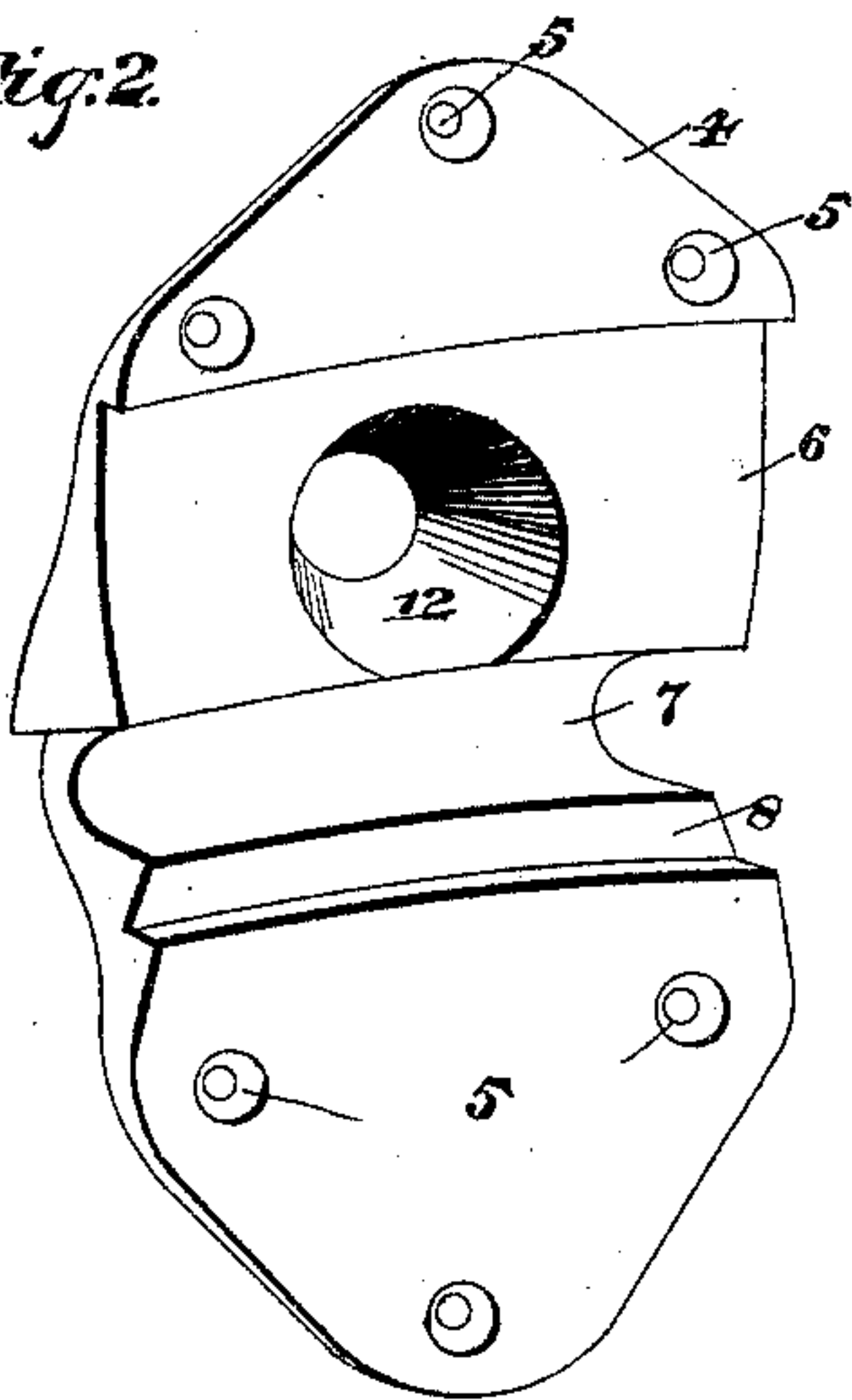
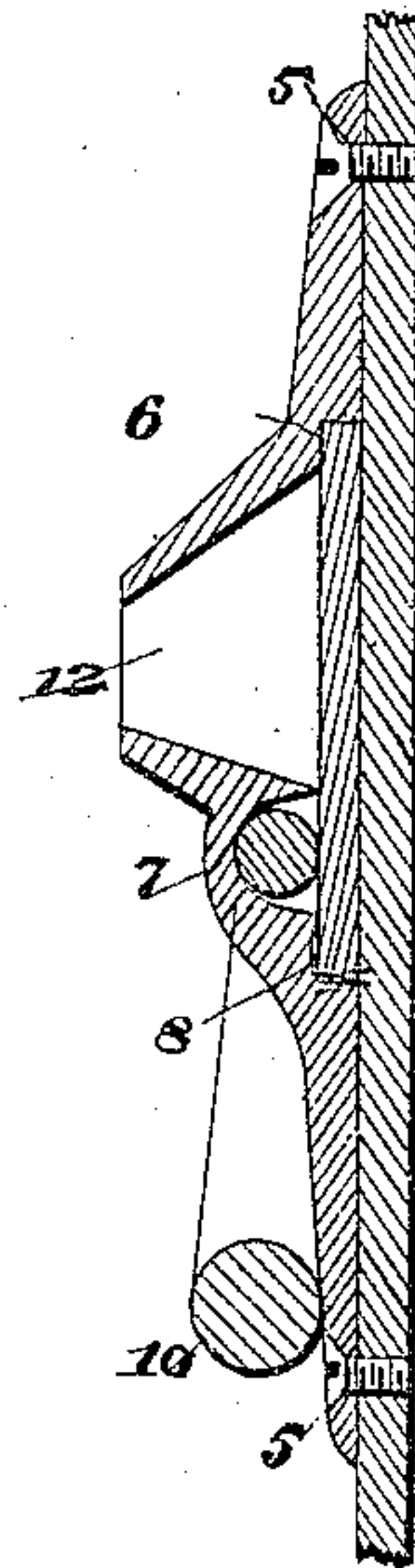


Fig. 3.



Witnesses,

J. S. Oliver
J. J. Marshall

By *their* Attorneys,

Chas. Snow & Co.

Inventors
*John H. Heisey &
Thomas Oliver.*

UNITED STATES PATENT OFFICE.

JOHN H. HEISEY AND THOMAS OLIVER, OF MONTICELLO, IOWA.

CAN-HANDLE.

SPECIFICATION forming part of Letters Patent No. 437,199, dated September 30, 1890.

Application filed June 11, 1890. Serial No. 355,082. (No model.)

To all whom it may concern:

Be it known that we, JOHN H. HEISEY and THOMAS OLIVER, citizens of the United States, residing at Monticello, in the county of Jones and State of Iowa, have invented a new and useful Can-Handle, of which the following is a specification.

This invention has relation to improvements in milk-cans, and has special reference to the means of attaching the handles thereto, and of that class of milk-cans employed for storing and transporting milk.

The objects of our invention are to provide means for attaching the handle to the can at such points upon the can as will facilitate the handling of the can by evenly balancing the same and avoiding any tendency on the part of the can of being top-heavy when empty, furthermore, to locate the securing-plate at such a point upon the can as to aid in the strengthening and retention of the middle band thereof, and finally to provide an abutment so located as to come in contact with the middle bands of adjacent cans when being transported or stored.

With the above general objects in view, the invention consists in certain features of construction, hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a side elevation of a milk-can, the handles of which are attached in accordance with our invention. Fig. 2 is a rear perspective of the securing-plate. Fig. 3 is a vertical section through the wall of the can, the securing-plate, and handle.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 designates the milk-can, provided with the upper and lower encircling bands 2, and the central encircling band 3. Heretofore it has been the custom to secure the handle-securing plates 4 at points above or below the central band, and by so doing the can was unbalanced and when empty and being handled would be top-heavy, thereby rendering the handling of the can difficult.

4 designates the securing-plate, which at its upper and lower ends is provided with openings 5, through which rivets are passed into the wall of the can. The rear side of the

plate is provided with a shallow transverse recess 6, the same being of such a depth as to receive and fit over the intermediate or central band 3, the rivets being located therefor at each side of the band. The recess is provided with a transverse groove 7 near its lower end, for which purpose the plate is transversely and exteriorly thickened, as shown at 8, and in said groove is seated for pivotal movement the transverse bearing portion 9 of the lifting bail or handle 10. The opposite ends of the groove are open, and located above the same are lugs 11, which limit the upward movement of the handle to a horizontal position. Above the transverse groove 7 and projecting from the exterior surface of the plate 4 is a conical projection 12, said projection being located opposite the shallow recess 6 and therefore the central or intermediate encircling band 3. By thus locating the plate the same aids in securing the central band in position, the can is evenly balanced and therefore adapted to be handled with greater facility than heretofore, and in shipping the cans or storing the same where they are arranged one against the other in series it will be observed that the conical protuberance 12 of each can is in a horizontal plane with the central bands of all of the cans.

Great objection has heretofore existed in the construction of cans that in packing or shipping the same the handles or bails would cause dents to be formed in the adjacent cans by contact therewith. By our invention, however, the protuberance 12 extends beyond the vertical plane of the handle when the latter is in a lowered position as when not in use, and being in line with the central band of adjacent cans any contact of the two cans is not liable to injure the same or cause the formation of unsightly dents.

Having described our invention, what we claim is—

1. A can having a central band and the handle-securing plate herein described, the same being provided with a transverse recess upon its rear side, and below the same with a transverse groove, a handle mounted loosely in the groove, rivets passed through the plate at each side of the band, and a protuberance projecting from the exterior of the plate opposite

said band and above the handle, substantially as specified.

2. A can provided with an encircling band,
a handle-securing plate 4, secured over the
5 band and having an abutment or protuber-
ance 12, extending laterally from the plate in
line with the band, substantially as specified.

In testimony that we claim the foregoing as

our own, we have hereto affixed our signatures
in presence of two witnesses.

JOHN H. HEISEY.
THOMAS OLIVER.

Witnesses:

JOHN D. NIX,
O. D. RICKER.