

No. 815,983.

PATENTED MAR. 27, 1906.

C. SHERMAN.
HANDLED HEAD FOR SHEET METAL CANS.
APPLICATION FILED OCT. 2, 1905.

Fig. 1

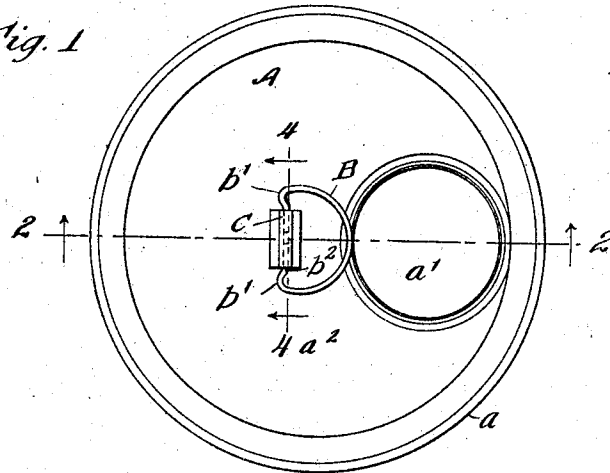


Fig. 2

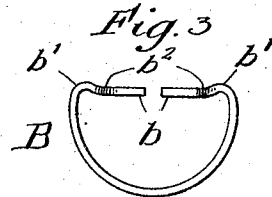
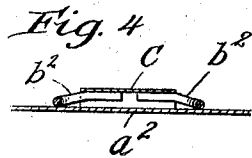
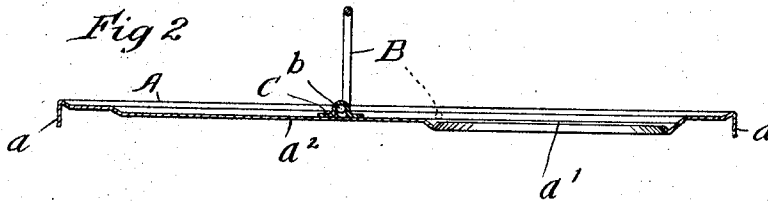
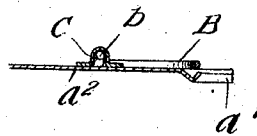


Fig. 5



Witnesses:

Wm. Geiger.
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UNITED STATES PATENT OFFICE.

CHARLES SHERMAN, OF MAYWOOD, ILLINOIS, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

HANDLED HEAD FOR SHEET-METAL CANS.

No. 815,983.

Specification of Letters Patent.

Patented March 27, 1906.

Application filed October 2, 1905. Serial No. 280,931.

To all whom it may concern:

Be it known that I, CHARLES SHERMAN, a citizen of the United States, residing in Maywood, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Handled Heads for Sheet-Metal Cans, of which the following is a specification.

My invention relates to improvements in can-heads having handles and which are commonly used on syrup or other nozzle-cans.

Heretofore in the practical manufacture of syrup and other cans having their heads provided with wire or other handles considerable difficulty has been experienced in applying the handled heads to the can-bodies by use of the ordinary can-heading machines employed for this purpose, owing to the handles projecting out and clogging or interfering with the operation of the machine and producing stoppage and breakage of the machine and smashing or injuring the can-heads themselves.

The object of my invention is to provide a construction of handled can-head which will overcome this difficulty or objection and enable the heads to be applied to can-bodies by automatic heading-machines the same as is done in respect to can-heads having no handles.

My invention consists in the means I employ to practically accomplish this object or result—that is to say, it consists in a can-head having a wire handle secured thereto in the usual manner by a hinge-strap embracing the pivot portion of the handle and soldered to the upper surface of the can-head, the wired handle being provided with downward projections or bends which by engagement with the upper surface of the can-head will cause the handle to be held flat against the upper surface of the can-head, the spring of the wire handle permitting it to be turned on its pivot or hinge at right angles to the can-head when required for use.

In the accompanying drawings, forming a part of this specification, Figure 1 is a top or plan view of a can-head embodying my invention, showing the wire handle turned down flat against the can-head. Fig. 2 is a section on line 2 2 of Fig. 1, showing the handle in its raised position. Fig. 3 is a de-

tail view of the handle. Fig. 4 is a section on line 4 4 of Fig. 1; and Fig. 5 is a section on line 2 2 of Fig. 1, showing the handle turned down.

In the drawings, A represents the can-head, having the customary flange *a* to embrace the can-body and opening *a'* to receive the customary screw-nozzle, cap, or other closure and having its central portion *a²* countersunk or recessed.

B is the wire handle, pivotally secured to the countersunk portion *a²* of the can-head by a hinge-strap C, preferably of tin-plate and soldered to the can-head on the upper side thereof near its center and embracing the straight or pivot portion *b b* of the wire handle B. The wire handle B is provided on each side of the hinge-strap C with downward projections, kinks, or bends *b'*, which by engagement with the surface of the can-head on each side of the hinge-strap serve by the spring action of the wire handle and of the can-head disk to hold the can-head when the handle is turned down, while at the same time permitting the handle to be easily turned into an upright position when desired for use. The pivot portion *b b* of the wire spring-handle B is laterally offset from the main portion of the handle slightly, the offset being indicated at *b²*, so that the downward bends or projections *b'* will serve to hold and lock the handle in its turned-down position and very snugly when the handle is turned down toward the opening *a'*, as indicated in the drawings.

As in my invention the wire handle snaps down against the surface of the can-head and is snugly so held my improved can-heads may be fed into and passed through automatic can-heading machines, and thus applied to the can-bodies rapidly and cheaply and without danger of stopping the can-heading machine and without danger of injury to the can-heads themselves.

I claim—

1. The combination, with a can-head, of a hinge-strap and a wire handle pivotally secured to the can-head by said hinge-strap, and provided with downward bends or projections on each side of the hinge-strap serving by engagement with the upper surface of

the can-head to hold the wire handle snugly and flat against the can-head, substantially as specified.

2. The combination with a can-head, of a 5 hinge-strap and a wire handle pivotally secured to said can-head by said hinge-strap, said wire handle being provided with laterally-offset pivot portions and with downward bends or projections to engage the surface of the can-head and hold the wire handle 10 snugly in its turned-down position, substantially as specified.

3. The combination of a can-head, with a 15 wire handle pivotally secured to the can-head and provided with a downward bend or projection engaging the can head when the

handle turns on its pivot from its flat or turned-down position on the can-head, substantially as specified.

4. The combination of a can-head, with a 20 wire handle pivotally secured to the can-head and provided with a downward bend or projection engaging the can-head when the handle turns on its pivot from its flat or 25 turned-down position on the can-head, the straight or pivot portion being laterally offset, substantially as specified.

CHARLES SHERMAN.

Witnesses:

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