

G. A. MARSH.
Devices for Heading Cans.

No. 152,757.

Patented July 7, 1874.

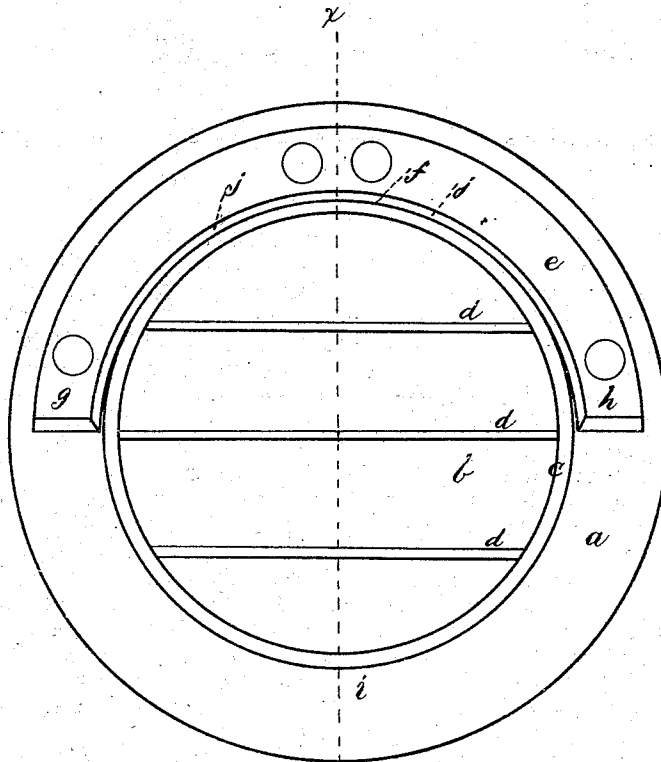


Fig. 1.

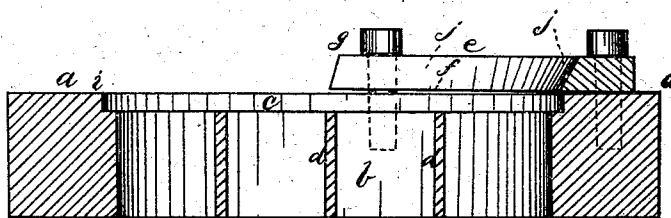


Fig. 2.

Witnesses:-
 Frank H. Jordan,
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Inventor:-
 George A. Marsh
 per Wm. Henry Clifford
 atty.

UNITED STATES PATENT OFFICE.

GEORGE A. MARSH, OF SOUTH PARIS, MAINE.

IMPROVEMENT IN DEVICES FOR HEADING CANS.

Specification forming part of Letters Patent No. **152,757**, dated July 7, 1874; application filed May 1, 1874.

To all whom it may concern:

Be it known that I, GEO. A. MARSH, of South Paris, in the county of Oxford and State of Maine, have invented certain new and useful Improvements in Devices for Heading Cans; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a top-plan view of my invention. Fig. 2 is a vertical transverse section of the same on the line *x x*, Fig. 1.

Same letters show like parts.

The object of my invention consists in producing a simple device to be used for the purpose of facilitating the heads of cans in being placed upon and around the cylinder or walls of the can. It is simple, and its construction and operation may be thus described:

a shows a bed or plate, having a circular recess or cavity, *b*, of the same size or slightly larger than the head of the can. *c* shows a lip or projection on the inner side or periphery of the recess *b*. This lip is located at a proper distance below the level of the top of the bed *a*. *d* shows supporting-bars, extending across the cavity *b*, and on the same level with the upper edge on the lip *c*. *e* shows a segmental circular plate or disk, having its inner circumference made flaring or beveled, as shown in Fig. 2. This disk is properly attached to the upper side of the bed *a*, and is of such form that when placed in the desired position, as shown in the drawings, the part *f* of said disk will project slightly over the inner edge of the cavity *b*, and its outer ends *g h* will rest evenly with the edges of said cavity *b*, or nearly so.

The head of the can is placed in the recess *b*, and upon the supporting-bars *d* and lip *c*, the flanges thereof rising to a level with the upper surface of the bed *a*. When thus placed, the disk *e*, at *f*, projects slightly over the edge of the can-head, and the outer ends *g h* of said disk rest nearly even with the edges of said head. One edge of the cylinder or body of the can is then placed in the head at the point indicated by *i* on the bed *a* in Fig. 1. The can is then bent over until its opposite edge strikes or rests on the flaring portion or edge *j* of the disk *e*. A sharp, quick blow on the top of the can body forces the same into the head of the can. The can body is then removed from the bed *a*, and with it the head, which adheres thereto.

The purpose of having the inner edge made flaring is to aid in forcing the can into the can-head.

It will be evident from the foregoing description that I furnish a very cheap, simple, and convenient device, for the purpose set forth.

The outer ends *g h* of the disk rest a little above the level of the bed, as shown in Fig. 2. This facilitates the removal of the head from the cavity.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with the bed *a*, having the recess *b* and lip *c*, of the circular segmental disk *e*, provided with its flaring edges, as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEO. A. MARSH.

Witnesses:

CHARLES S. MORRILL,
E. M. LANG.