

WILLIAM F. THOMPSON.
Improvement in Armored Cans.

No. 126,502.

Patented May 7, 1872.

Fig. 1.

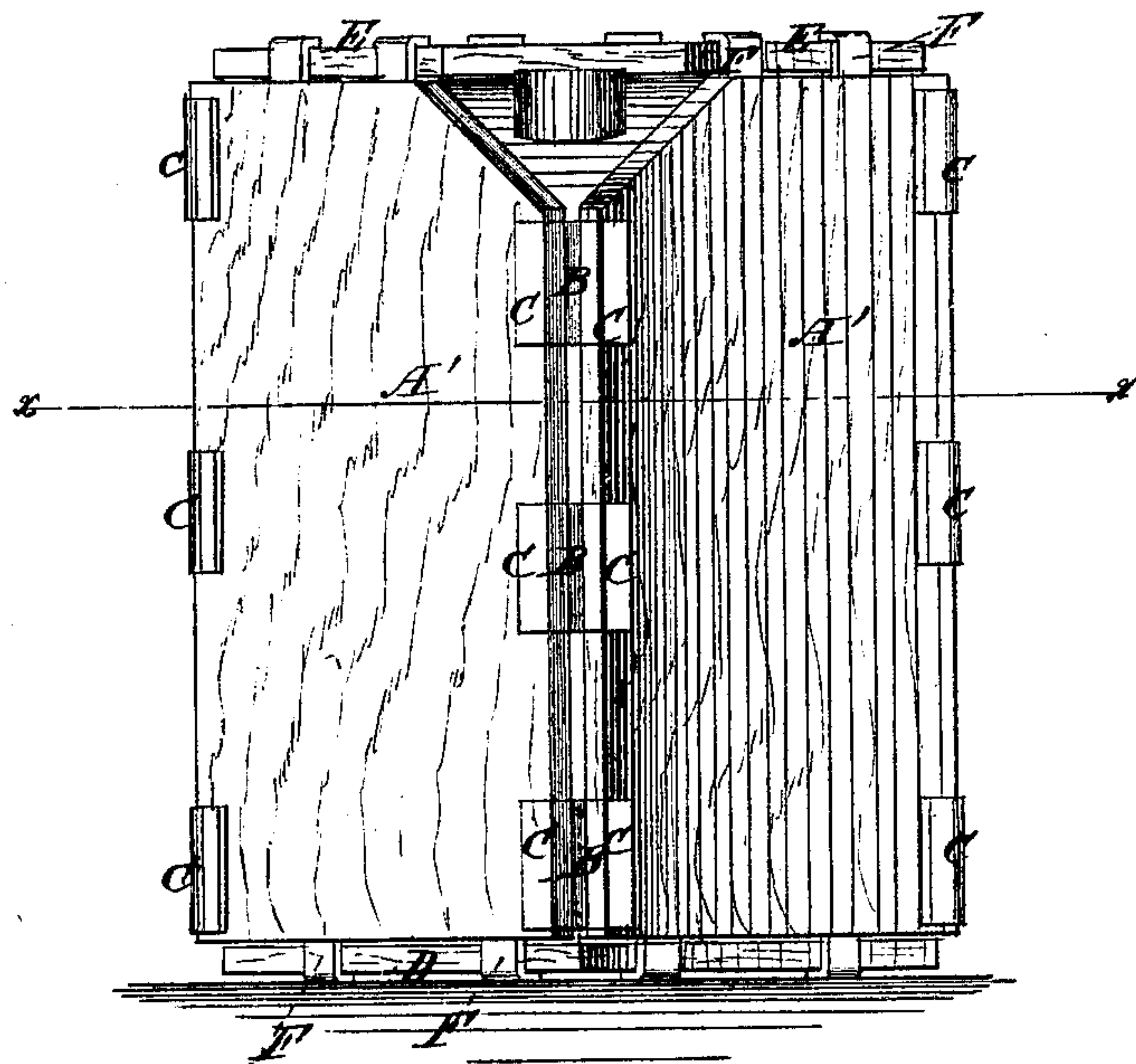
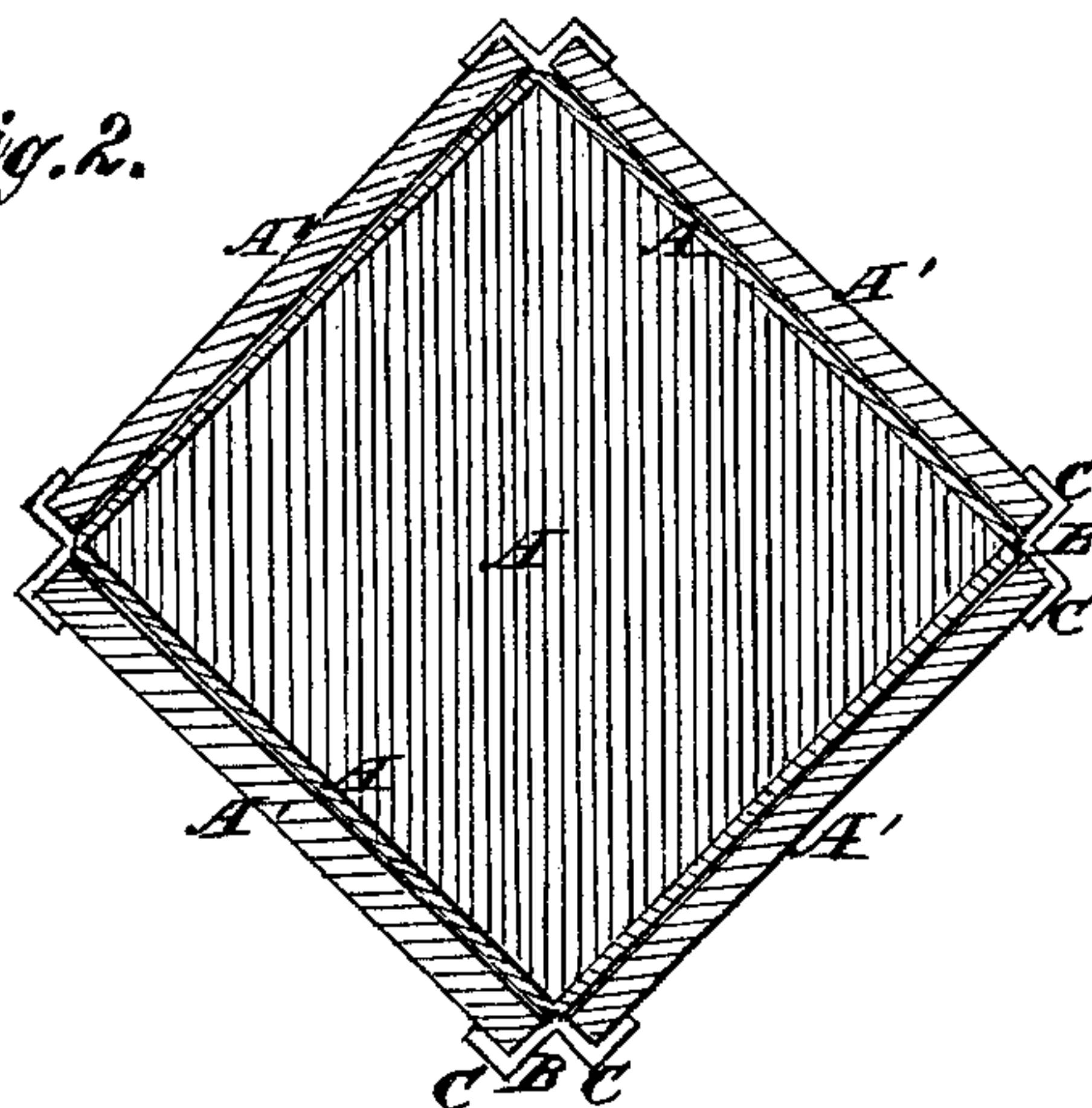


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM F. THOMPSON, OF TOLEDO, OHIO.

IMPROVEMENT IN ARMORED CANS.

Specification forming part of Letters Patent No. 126,502, dated May 7, 1872.

Specification describing a new and Improved Packing-Can, invented by WILLIAM F. THOMPSON, of Toledo, in the county of Lucas and State of Ohio.

My improvement consists, first, in armoring sheet-metal cans with wood to protect the thin metal against injury in handling and transporting, by fastening side, bottom, and top pieces or boards to the can by means of clamp-plates, soldered or otherwise fastened to the corners of the can, and the ends bent over the edges of the boards after they are applied, whereby I economize considerably in the cost of the wood case or protecting armor, which, up to this time, has been first made into a box, into which the can was placed and inclosed by a cover; and, secondly, it consists of an arrangement of the nozzle in one corner of the can, which is sloped off to make room for arranging it so that the top will not rise higher than the top of the can to admit of so applying the armor on the top.

Figure 1 is a side elevation of a can with the armor applied according to my improvement, and Fig. 2 is a horizontal section of it on the line *xx* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents a sheet-metal can for oil or other liquids, such as is used for shipping such substances in small quantities, the said can being inclosed in a wood box for protection. I now propose to economize in the cost of the wood armor of these cans by fastening the boards directly to the sides, bottom, and top, as shown in the drawing, by small clamp-plates attached to the corners of the can and bent or hooked around the edges of the boards. For example, the boards A' for protecting the sides will be fastened by the angle-plates B, soldered to the corners of the can, as shown in Fig. 2, before the boards are applied, and

afterward bent around the edges of the boards at C; and the bottom D and top E will be secured by the plates F, soldered to the sides of the can before the wood sides A' are applied, and projecting beyond the ends of said can, and bent over the said bottom and top after they are applied.

By preference the bottom and top boards will be applied before the side boards are; but this may be left to the choice of the constructor.

I do not limit myself to clamp-plates of the form here shown, for they can be modified considerably in this respect, if desired. Besides thus clamping the boards onto the can I may nail them together, also, by having the sides extend past the ends, in which case they will be notched for the clamp-pieces. In order to allow of the top part of the armor being thus clamped flat to the top of the can, I arrange the nozzle in the sloped corner, as shown, whereby I am enabled to have a nozzle of sufficient length, without projecting above the top so as to interfere with the armor. This arrangement of the nozzle is also more desirable, because the contents will flow more directly into it when pouring out of the can.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The attachment of the wood armor for packing-cans by means of metal plates soldered or otherwise fastened to the cans, and bent or hooked around the edges of the can, substantially in the manner herein described.

2. I also claim the arrangement of the nozzle in the sloping corner, substantially as specified.

WILLIAM F. THOMPSON.

Witnesses:

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