

(No Model.)

F. WESTERBECK.
SHEET METAL CAN.

No. 591,313.

Patented Oct. 5, 1897.

Fig. I.

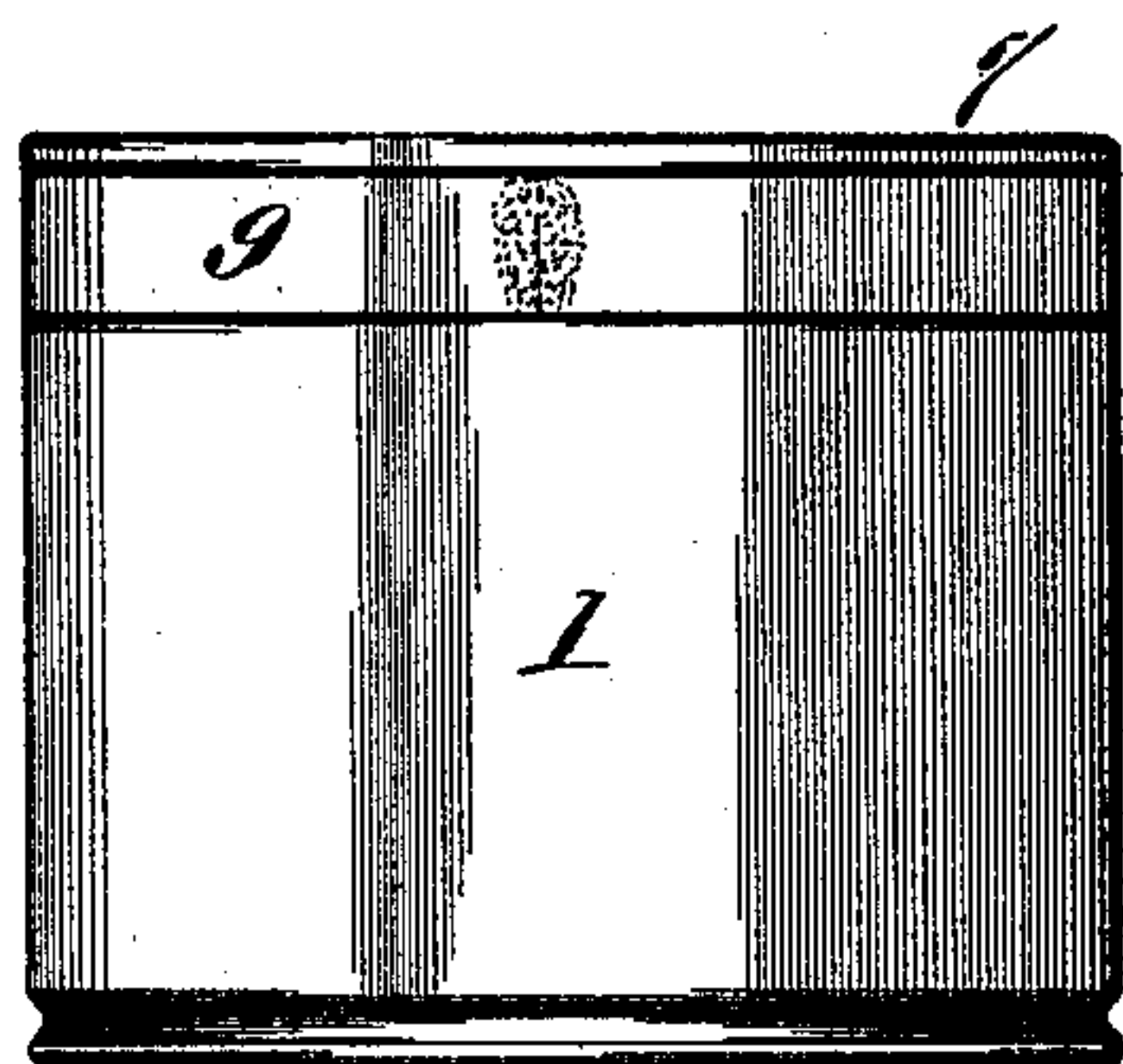


Fig. II.

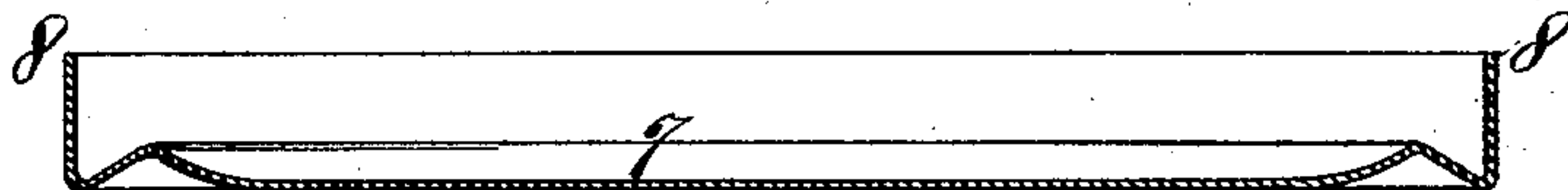


Fig. III.

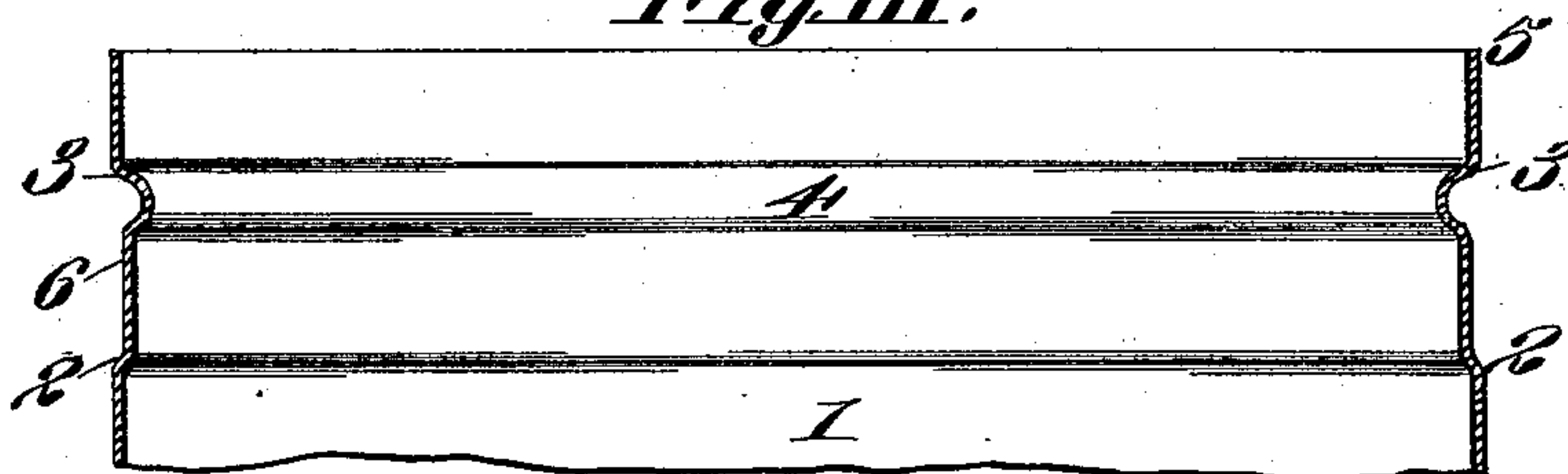


Fig. IV.

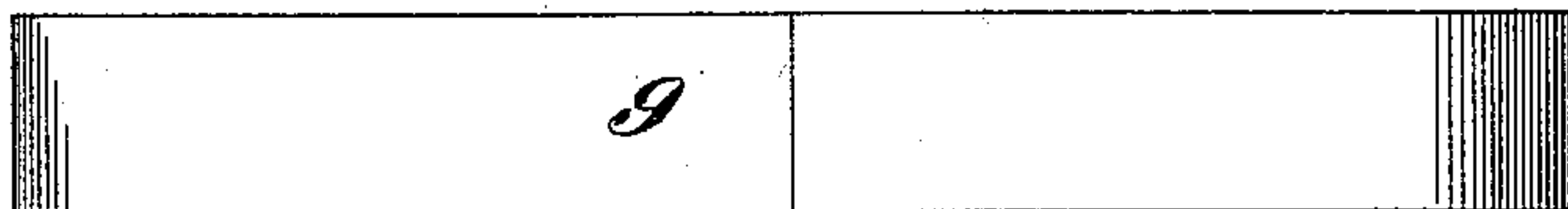


Fig. V.

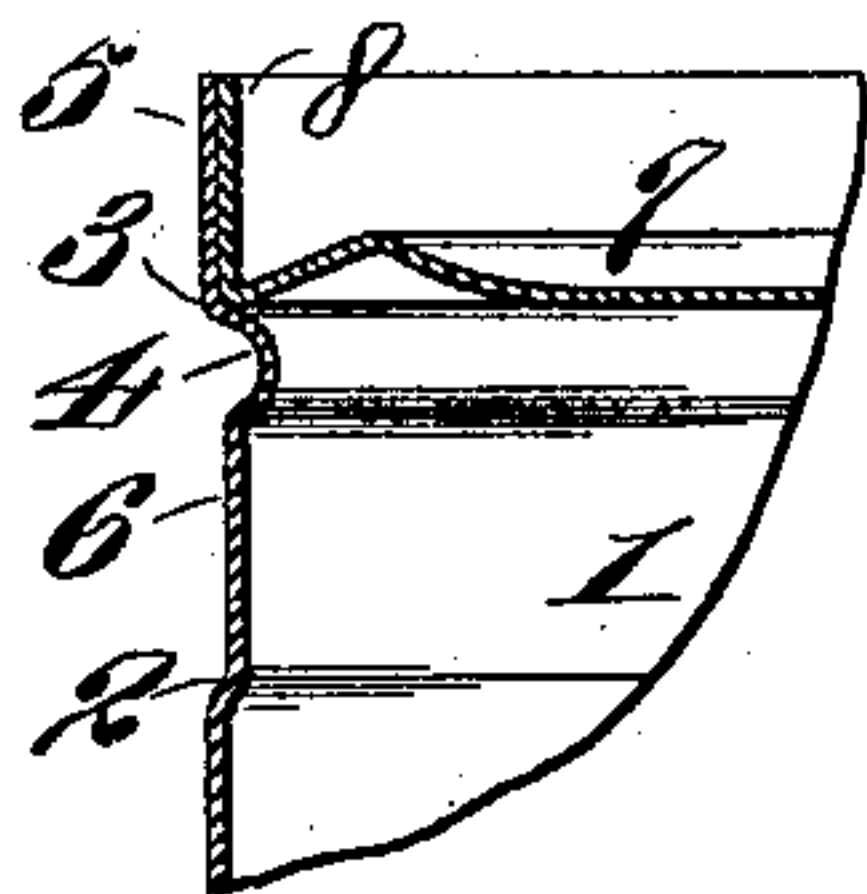
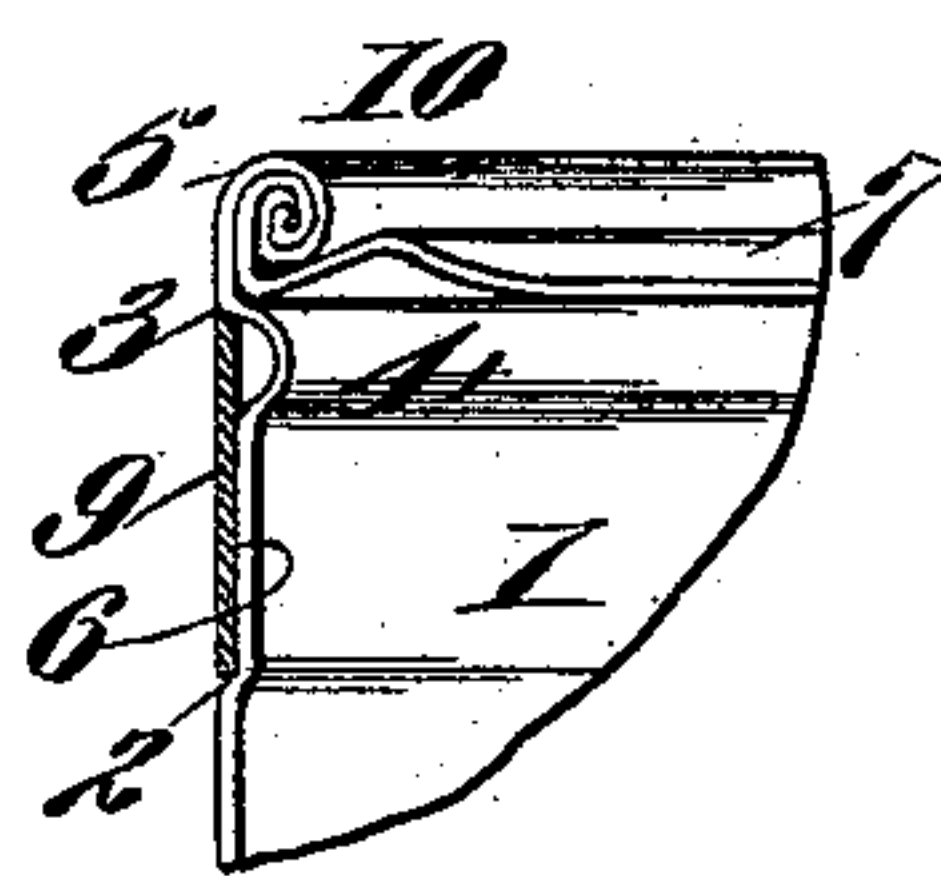


Fig. VI.



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FREDERICK WESTERBECK, OF ST. LOUIS, MISSOURI.

SHEET-METAL CAN.

SPECIFICATION forming part of Letters Patent No. 591,313, dated October 5, 1897.

Application filed December 14, 1896. Serial No. 615,683. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK WESTERBECK, a citizen of the United States, and a resident of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Sheet-Metal Cans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to that class of sheet-metal cans in which the cover of the can is secured to the can-body by folding or rolling over the body and cover inwardly together into a secure seam, such construction obviating the use of solder or other sealing material in attaching the cover to the can.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I shows an elevation of my improved can. Fig. II is an enlarged detail vertical section of the can-cover. Fig. III is an enlarged detail vertical section of the upper portion of the can-body. Fig. IV is a side view, enlarged, of the stiffener applied to the body of the can. Fig. V is an enlarged detail vertical section of a portion of the can body and cover before the application of the stiffening-band and before the body and cover have been joined together. Fig. VI is a similar view to Fig. V with the stiffening-band applied and the seam formed to connect or join the can body and cover.

In the drawings, 1 designates the body of the can, provided at its upper end with an inturned shoulder 2 and an outturned shoulder 3. Immediately beneath the outturned shoulder 3 is a bead 4, projecting into the interior of the can-body. Extending upward from the shoulder 3 is a vertical extension 5. The formation of the shoulders 2 and 3 provides an annular channel 6 on the exterior of the can.

7 designates the can-cover, provided with an upwardly-extending flange 8. The cover 7, when inserted in the can, rests upon the bead

4, fitting within the extension 5 of the can-body.

9 designates a stiffening-band that fits in the channel 6, its lower edge resting upon the shoulder 2 and its upper edge fitting against the shoulder 3. The stiffening-band 9 is provided for the purpose of preventing the body of the can from buckling or collapsing in the act of forming the seam that joins the body and cover of the can.

The joining-seam is designated by 10, (see Fig. VI,) and as this seam is produced in a forming-machine of very considerable power the production of the seam has a great tendency to cause the body of the can to buckle or collapse immediately below the can-cover. The stiffening-band 9 prevents such occurrence.

I claim as my invention—

1. In a sheet-metal can, the combination of a can-body provided with an inturned shoulder, an outturned shoulder, a stiffening-band located in the channel formed by the shoulders and fitting between said shoulders, a vertical extension above said outturned shoulder, and a cover provided with a flange and located within the body, said extension and flange being arranged to be folded over inwardly together into a seam, substantially as described.

2. In a sheet-metal can, the combination of a can-body provided with an inturned shoulder, an outturned shoulder, an inwardly-projecting bead located beneath said outturned shoulder, a stiffening-band located in the channel formed by the shoulders and fitting between said shoulders, an extension above said outturned shoulder, and a cover provided with a flange and located within the body, said extension and flange being arranged to be folded over inwardly together into a seam, substantially as described.

FREDERICK WESTERBECK.

In presence of—

E. S. KNIGHT,
STANLEY STONER.