

(No Model.)

J. H. KINDLEN.
SPRINKLING OR OTHER CAN.

No. 375,878.

Patented Jan. 3, 1888.

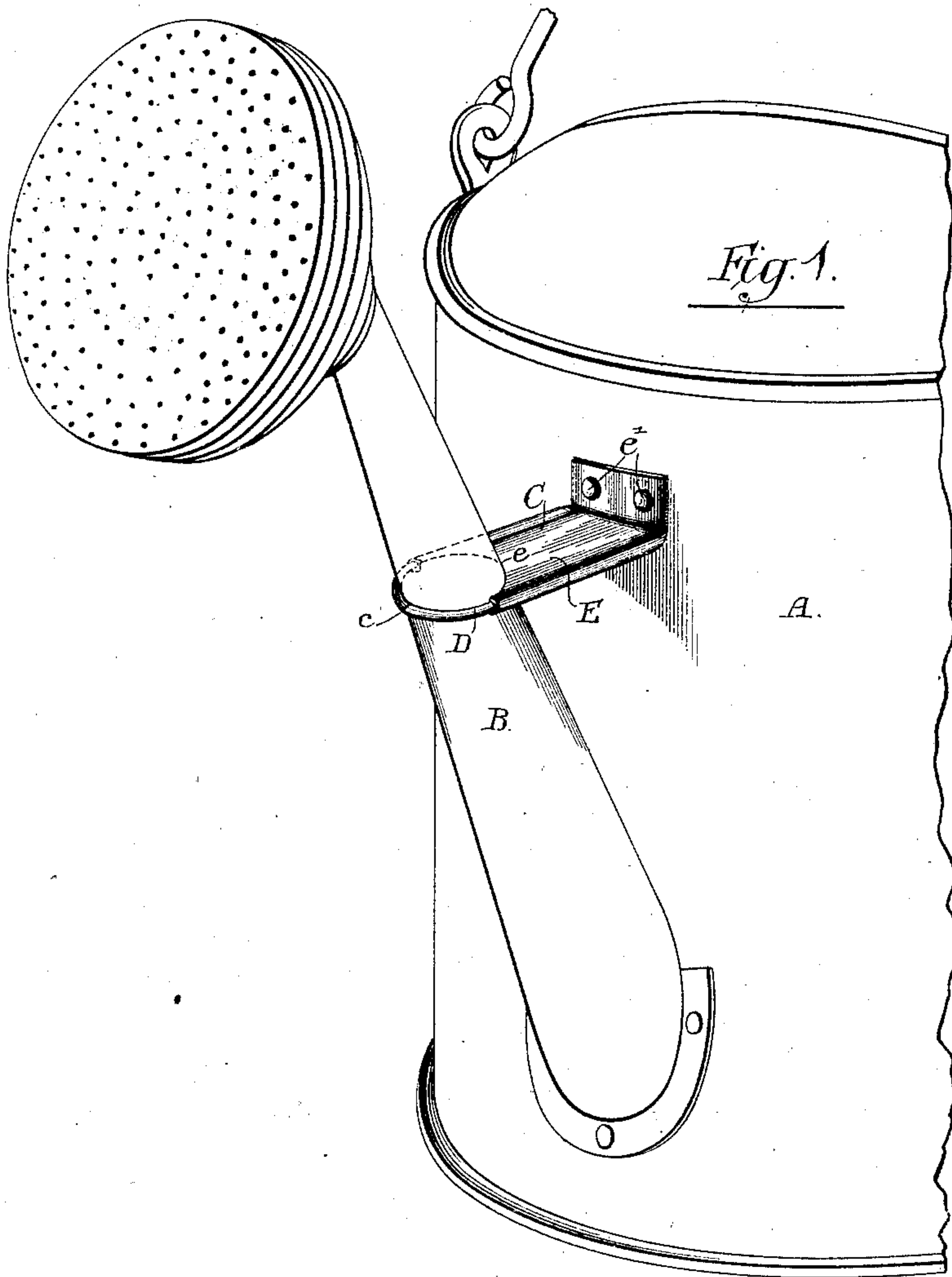


Fig. 2.

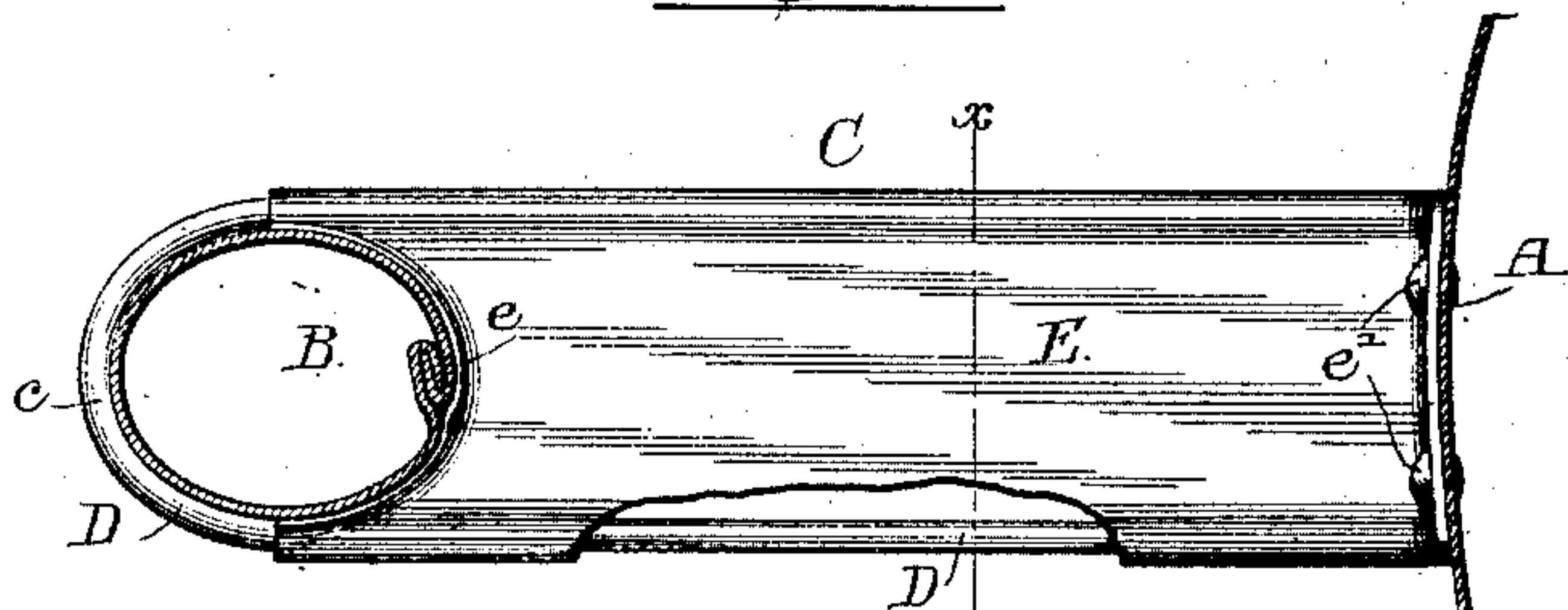


Fig. 3.



Witnesses:-

Wm. M. F. Whitehead.

Wm. J. Henning

Inventor:-

John H. Kindlen.

by: Dayton & Poole

Attorneys:-

UNITED STATES PATENT OFFICE.

JOHN H. KINDLEN, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE CRAGIN MANUFACTURING COMPANY, OF SAME PLACE.

SPRINKLING OR OTHER CAN.

SPECIFICATION forming part of Letters Patent No. 375,878, dated January 3, 1888.

Application filed October 25, 1887. Serial No. 253,277. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. KINDLEN, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sprinkling or other Cans; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention embraces an improved construction in braces for the tubular spouts of sheet-metal vessels, such as sprinklers and milk-cans; and it consists in the matters hereinafter described, and pointed out in the appended claims.

In the accompanying drawings, illustrating my invention, Figure 1 is a view in perspective of the spout and part of the body of a sprinkler. Fig. 2 is a fragmentary plan section taken through the body of the can and the spout above the brace. Fig. 3 is a cross-sectional view of the brace taken upon line *xx* of Fig. 2.

In the said drawings, A is the body of the vessel or can, and B is the tubular spout attached at its lower end to the can in the usual manner.

C is a brace extending from the upper part of the can to the spout. This brace is made of metal, and embraces as its main feature of novelty an eye or loop, *e*, extending around or embracing the spout, and attached to or forming part of the straight or rigid part of the brace, which is attached to the body of the can.

As a cheap and simple means of constructing the brace and loop, the main part or body of the brace is herein shown as consisting of a piece, E, of sheet metal, and the loop as made of a piece of wire, D, which is bent around the spout and connected at its ends with a sheet-metal body of the brace.

As a further and special improvement in a brace made generally as above set forth, I make the sheet-metal body E of the brace with a concave edge, *e*, at its outer end, which is fitted to the inner surface of the spout, the wire D being in this construction of U form and bent around the outer part of the spout, and secured at its ends to the side margins of

said sheet-metal part E. As a further improvement, I extend the end portions of the wire D the full length of the brace C, and bend the side margins of the sheet metal E around the wire, Fig. 3, thereby securing the wire to the sheet-metal body of the brace and at the same time affording a means of giving a desired degree of stiffness or rigidity to the brace.

The brace may be secured to the body of the can in any way found desirable or convenient. As herein shown, the inner end of the sheet-metal part E is bent at right angles and secured to the wall of the can by means of rivets *e' e'*.

The parts of the brace and loop when made in the particular manner described may be secured together and held from moving upon the spout by soldering, by the metal used in galvanizing, or otherwise, as may be found convenient or desirable.

The employment of a sheet-metal brace having a wire loop arranged to encircle the spout, and attached at its ends to the brace, is of great advantage, inasmuch as it enables the brace to be secured thereto in a strong manner without relying upon either rivets or solder to take the strain coming upon the spout, as heretofore. The particular form of brace and wire loop herein illustrated, however, embraces several novel details of construction, which, inasmuch as they afford convenient and advantageous ways of making a strong and reliable brace, are herein claimed as part of my invention.

I claim as my invention—

1. The combination, with the body of a can or vessel and a tubular spout, of a brace consisting of a sheet-metal part and a wire loop encircling the spout and attached at its ends to said sheet-metal part, substantially as described.

2. The combination, with the body of a can or vessel and a tubular spout, of a brace consisting of a sheet-metal part concaved upon its outer end to fit the spout, and a wire loop extending around the spout and attached at its ends to the sheet-metal part, substantially as described.

3. The combination, with the body of a can or vessel, of a brace consisting of a sheet-metal part and a wire loop extending around the

spout, and extending along and secured to the side edges of the sheet-metal part, substantially as described.

4. The combination, with the body of a can
5 or vessel and a tubular spout, of a brace consisting of a sheet-metal part and a wire loop extending around the spout, and extending along the edges of the sheet-metal part, the side margins of said metal part being bent
10 around the said wire, substantially as described.

5. The combination, with the can body and spout, of a brace consisting of a sheet-metal

part, E, provided with a concave edge, *e*, at its outer end, and a wire loop, D, bent around 15 the spout and extending along and inclosed in the side margins of the said sheet-metal part E, substantially as described.

In testimony that I claim the foregoing as my invention I affix my signature in presence 20 of two witnesses.

JOHN H. KINDLEN.

Witnesses:

H. W. CHESTER,
CHAS. W. HUBBARD.