P. LESSON.

Spout for Sheet-Metal Pots.

No. 162,395. Patented April 20, 1875.

Fig: 1.

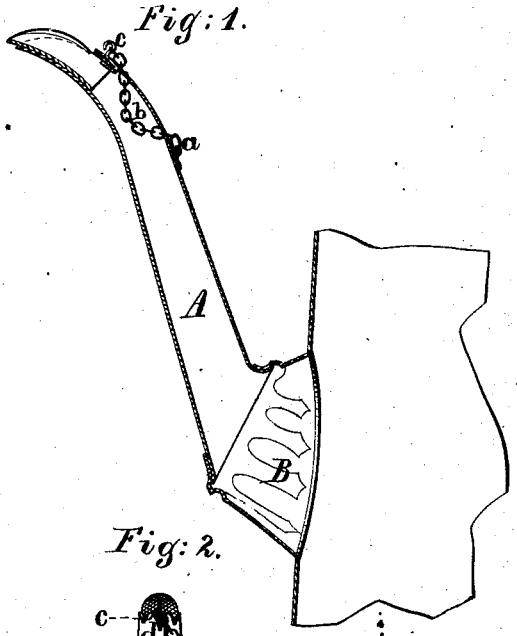
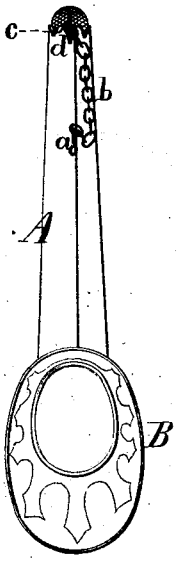


Fig: 2.



Witnesses:
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UNITED STATES PATENT OFFICE

PHILIP LESSON, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN SPOUTS FOR SHEET-METAL POTS.

Specification forming part of Letters Patent No. **162,395**, dated April 20, 1875; application filed October 28, 1874.

To all whom it may concern:

Be it known that I, PHILIP LESSON, of Newark, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Sheet-Metal Pots, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which—

Figure 1 represents a longitudinal section. Fig. 2 is a rear view of the spout detached.

Similar letters indicate corresponding parts.

My invention relates to certain improvements in that class of vessels in which the spouts are stamped up of sheet metal, which, owing to the form necessarily imparted to the same, renders their connection with the body of the vessel a difficult and perplexing operation. To effect a union between such spouts and the vessel, and enable the same to be accomplished with comparative ease and facility, is the object of my invention; and to such end it consists in forming a socket of sheet metal struck or spun up from sheet metal, with one end to fit the body of the vessel, while the other end is constructed to receive the spout, in such a manner that the socket forms a connection between the spout and body, and enables the same to be connected with less labor and more neatly than heretofore. The invention further consists in forming the spout with a slot, which serves as a guide for a loop which projects from a strainer, in such a manner as to steady the strainer and retain the same in position in the spout during the discharge of liquid through the same.

In the drawing, the letter A designates the spout of a sheet-metal pot; said spout being secured in a socket, B, which is stamped up of sheet-metal, so that one of its ends fits the body of the pot to which the spout is to be attached, while its opposite end fits the inner or large end of the spout. By this arrangement I am enabled to manufacture the spout A of a single piece of sheet metal, and only one seam is required, which extends down over the back of the spout, so that it does not injure the appearance of the article, while at the same time a saving in labor and in material is effected. The spout and socket are connected by solder, and the socket can be easily stamped up with suitable ornaments, and, with proper dies, it can be produced with comparatively little loss of time, and in such a shape that it will fit the body of any pot for which the same may be intended. The socket, it will be noticed, is formed with a seat at its front end, corresponding in shape to the shape of the seat on the inner end of the spout, so that when the spout is passed through the socket, and the seat of each brought in contact, the same can be brazed or soldered together with perfect ease; and if solder be placed on the inside, the same will be concealed and the appearance of the finished vessel greatly enhanced. On the spout is secured a loop, *a*, to which is attached the strainer C by means of a chain, *b*. This strainer is constructed with a tubular shank, that fits the mouth of the spout, and from this tubular shank projects a loop, *c*, to which the chain *b* is secured. This loop fits a slot, *d*, in the spout, and it assists in steadying the strainer, and in retaining the same in position in the spout, so that said strainer is not liable to be forced out by the pressure of the liquid passing through it. By this arrangement a strainer is obtained which is always on hand, which can readily be applied to or removed from the spout, and which, when applied to the spout, effectually prevents the escape of any solid particles which may be mixed with the liquid in the pot.

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

1. The combination of the discharge-nozzle A and the socket B, to form a spout for the vessel, the socket communicating at one end with the interior of the vessel, and contracted at its other end to form a seat for the spout, the parts being soldered together substantially as herein shown and described.

2. The strainer C, constructed with a tubular shank and loop, *c*, in combination with the spout A, having the steadying and guiding slot *d*, substantially as described.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 20th day of October, 1874.

PHILIP LESSON. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.