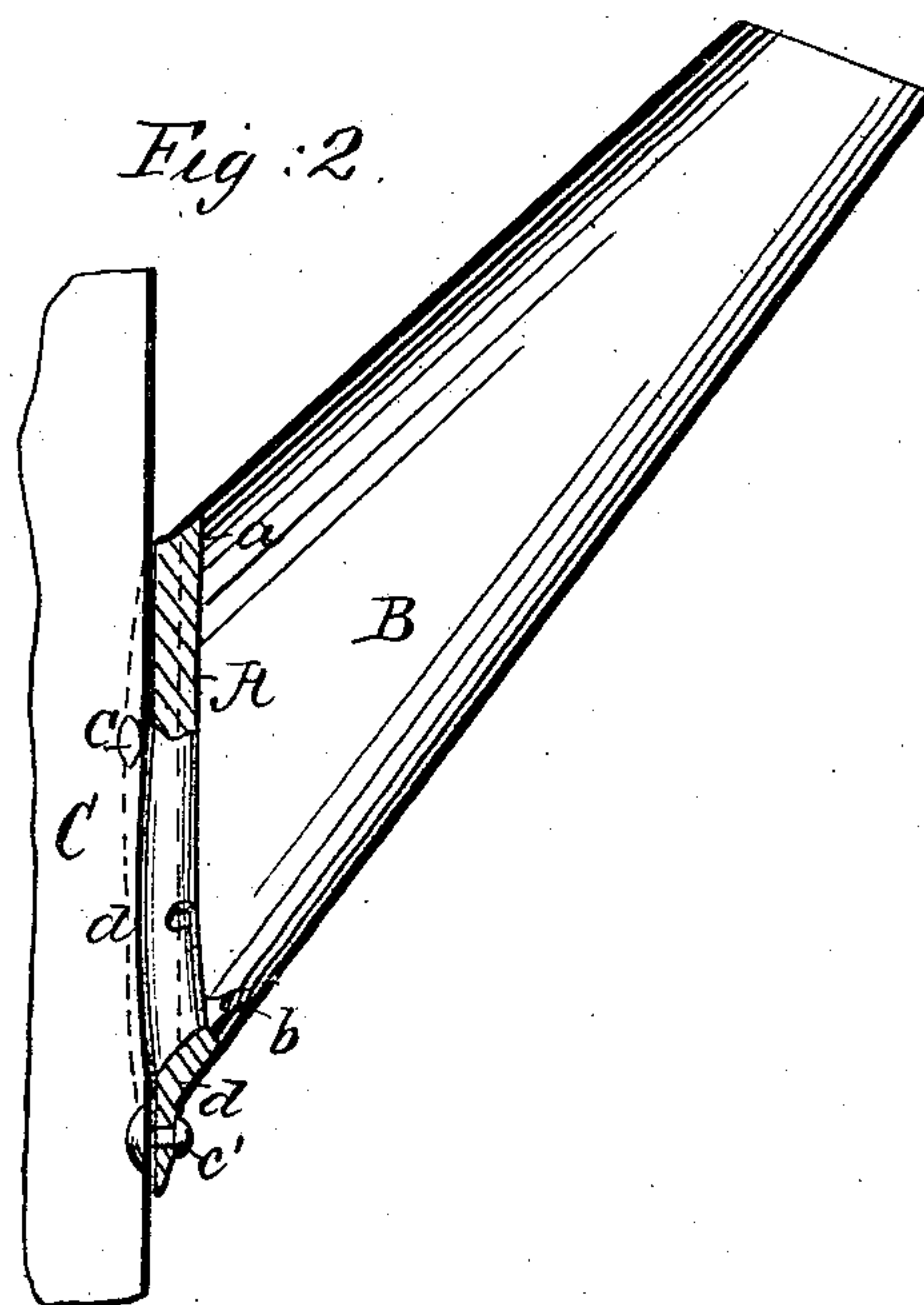
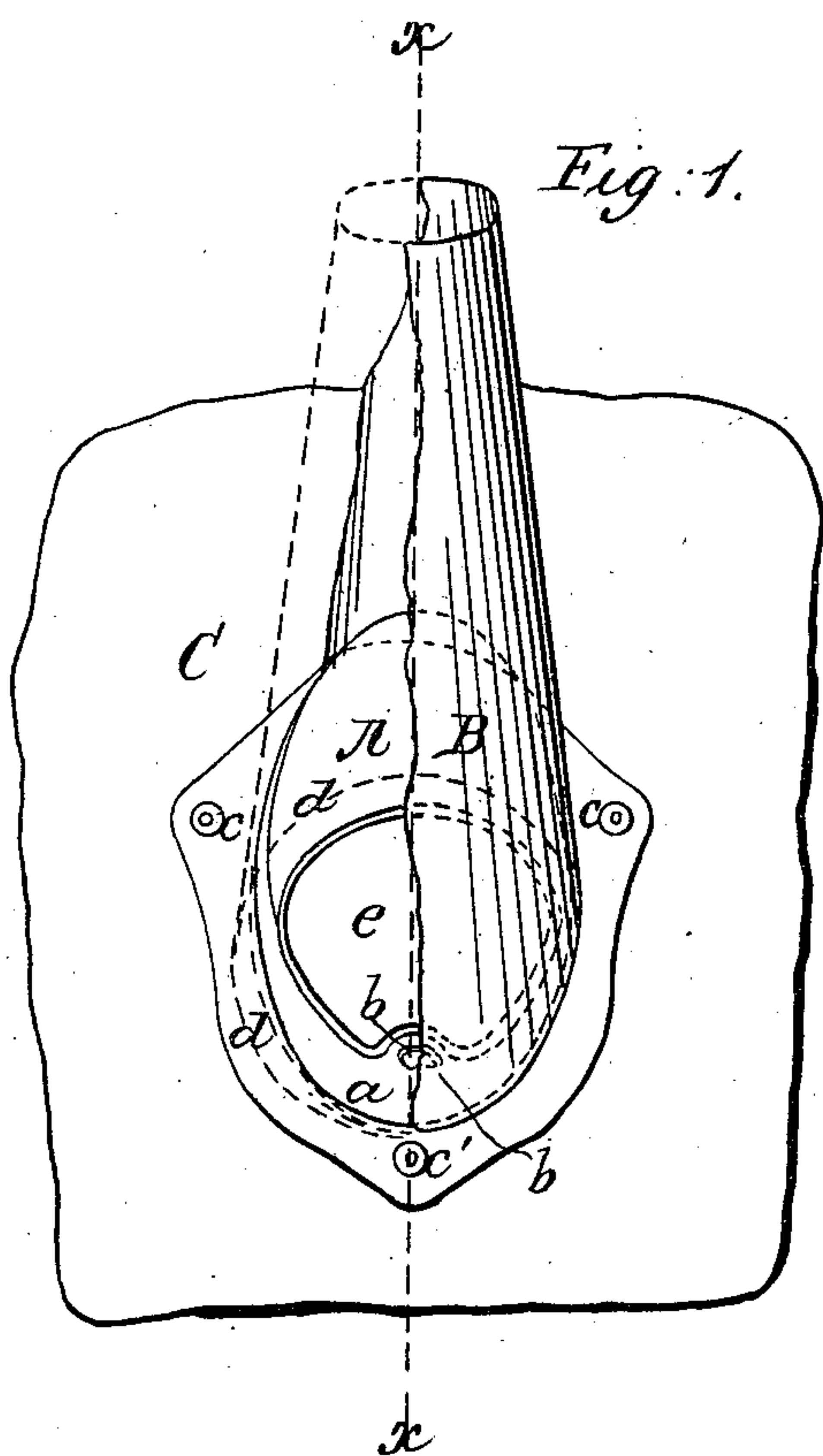


M. SAULSON.

Tea-Kettle-Spout Attachment.

No. 93,354.

Patented Aug. 3, 1869.



Henry Snyder

Edward B. Cox

Inventor

Moritz Saulson

United States Patent Office.

MORITZ SAULSON, OF TROY, NEW YORK.

Letters Patent No. 93,354, dated August 3, 1869.

IMPROVEMENT IN KETTLE-SPOUT ATTACHMENT.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MORITZ SAULSON, of Troy, in the county of Rensselaer, and State of New York, have invented a new and useful Kettle-Spout Attachment; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a face or plan view of my invention, with a portion of the spout broken away.

Figure 2 is a vertical section of the same, taken through the line *x-x*, fig. 1.

Similar letters refer to corresponding parts in both figures.

The object of my invention is to furnish a more perfect and durable connection, or joint, between the spout and the vessel to which it is attached; and consists in the construction and formation of its various parts, as hereinafter more fully described.

A is the attachment, made and provided with a raised flange, *a*, which fits into and coincides with the lower edge of the spout B, to which it is soldered, thus forming a firmer and more durable joint than is obtained by simply soldering the spout to the flat surface of the vessel. It has also been noticed that in case of tin spouts, the joint, between the spout and the vessel, is not so readily rusted out by the action of the water as it is in the common method of attaching the spout.

In order to add to the strength of the union between the attachment A and the spout B, the spout can be riveted to the attachment at *b*, or the lower end of the spout can be lengthened at *b*, so as to be held by the rivet at *c*.

The spout and its attachment can be fastened to the body of the vessel C by the rivets *c*, and the edge *d* of the hole, perforated in the side of the vessel, and communicating with the spout B, is soldered to the back side of the attachment A, thus making a water-tight joint with the attachment, and preventing the edges *d* from corroding.

It will be observed that one of the greatest advantages of this device is, that it greatly augments the strength and durability of the vessel around the spout, by giving it greater firmness, and preventing the spout from being easily wrenched or broken off. Neither is the spout, as in the commonly-soldered joint, so liable to melt off by the heat of the fire.

The opening *e* through the attachment can be made with a screen over it, to prevent the passage of the dregs, when the attachment is applied to coffee and teapots, &c.

Though it is intended to make this attachment of iron, and the same covered with a coating of tin, still, it may be made of any other suitable material, and is intended to be used in making all kinds of spouted vessels.

Having thus described my invention,

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

The attachment A, provided with the raised flange *a*, as herein shown and described, and for the purpose set forth.

MORITZ SAULSON.

Witnesses:

HENRY SNYDER,
EDWARD B. COX.