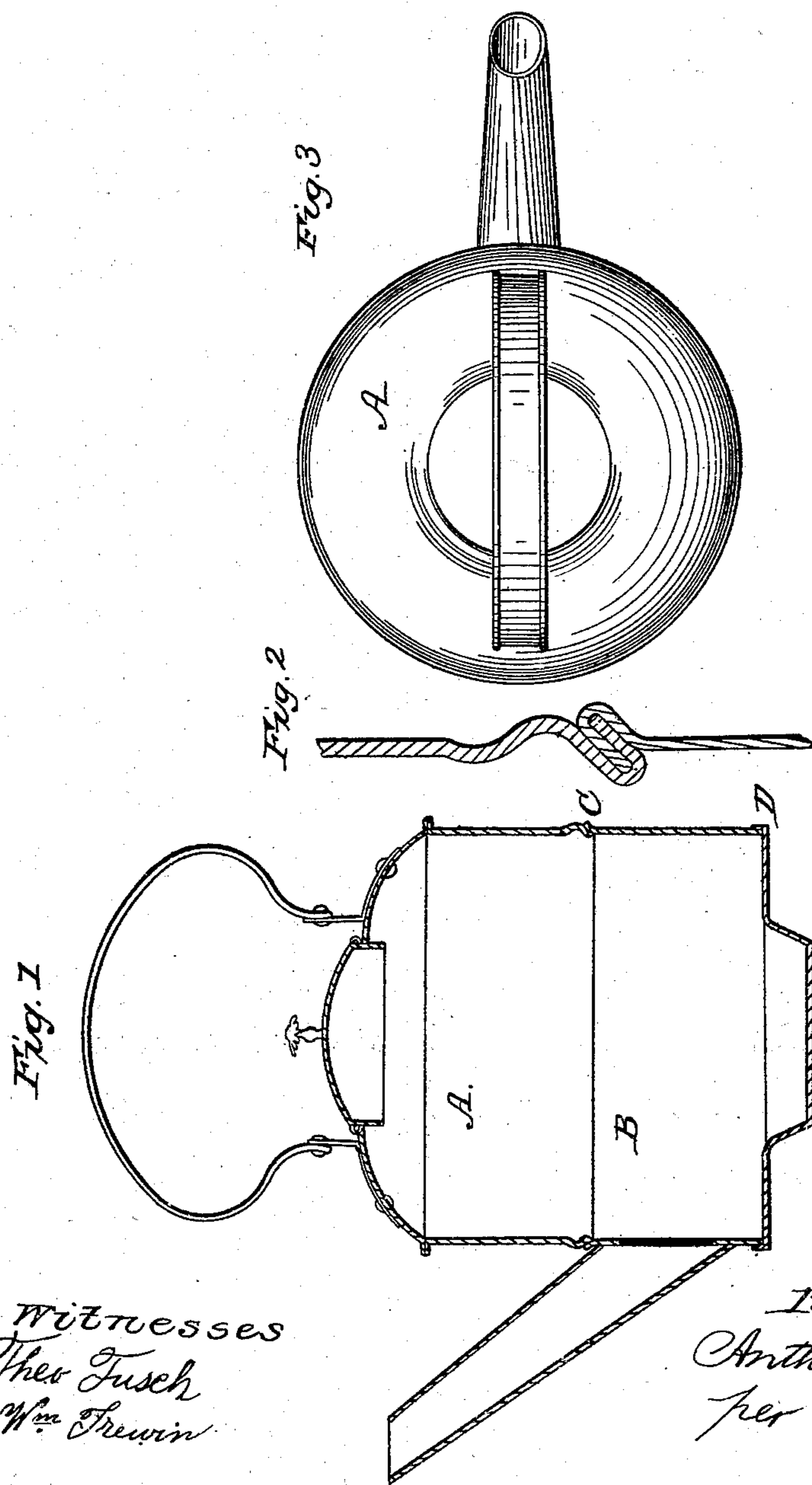


A. KIPP.
Tea Kettle.

No. 48,411.

Patented June 27, 1865.



UNITED STATES PATENT OFFICE.

ANTHONY KIPP, OF BROOKLYN, E. D., NEW YORK.

TEA-KETTLE.

Specification forming part of Letters Patent No. 48,411, dated June 27, 1865

To all whom it may concern:

Be it known that I, ANTHONY KIPP, of No. 168 South Sixth street, Williamsburg, in the county of Kings and State of New York, have invented a new and useful Improvement in Tea-Kettles; and I do hereby declare that the following is 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, forming part of this specification, in which—

Figure 1 is an elevation of a vertical section of a tea-kettle made according to my invention. Fig. 2 is a detailed view of the joint C, which unites the upper and lower parts of the vessel. Fig. 3 is a plan of the top of the vessel.

Similar letters of reference indicate like parts.

This invention has for its object an improvement in tea-kettles, meaning thereby those covered vessels used for boiling water which have sunken bottoms that fit in boiler-holes of stoves and ranges, and which have spouts for pouring water thereout. Vessels of this class, as hitherto made or as often made, have been provided with stout bottoms of tin or of copper joined at D to a body or upper part of tin. The object in providing copper bottoms is partly to give additional strength to the vessels, partly to secure a surface which will resist the action of the fire better than tin and partly to obtain a bottom surface which, while it is a good conductor of heat, will not become easily corroded by the action of water; but when a copper bottom or one of any other

material stronger than the upper part of the vessel is joined to such upper part along the line D, or near to that line, it is found in practice that the vessel gives out along such joint before the rest of the vessel is much worn.

My invention is designed to remedy this disadvantage; and it consists in making the lower part of the kettle, including the spout, of copper, the same being joined to the upper part, which is of tin, by means of a joint, C, made after the well-known art of the worker in sheet metals. By these means I secure greater strength to the tea-kettle and greater durability without increasing the cost. The parts which I make of copper are those which are most exposed to injury and banging, and are those which soonest wear out. I use copper which is covered or coated on its inside with tin.

I do not claim the combination, in a tea-kettle, of the metals copper and tin; neither do I claim coating the copper on its inside surface; but,

Having thus set forth my invention, what I desire to secure by Letters Patent is—

The tea-kettle above described, the lower half of the kettle, including the spout, being made of copper, and the upper part above the spout and line C being made of tin, as a new article of manufacture.

ANTHONY KIPP.

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF.