

(No Model.)

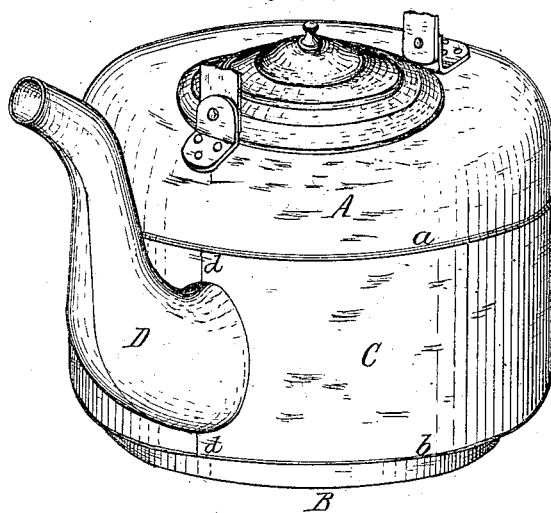
W. WARWICK.

TEA KETTLE.

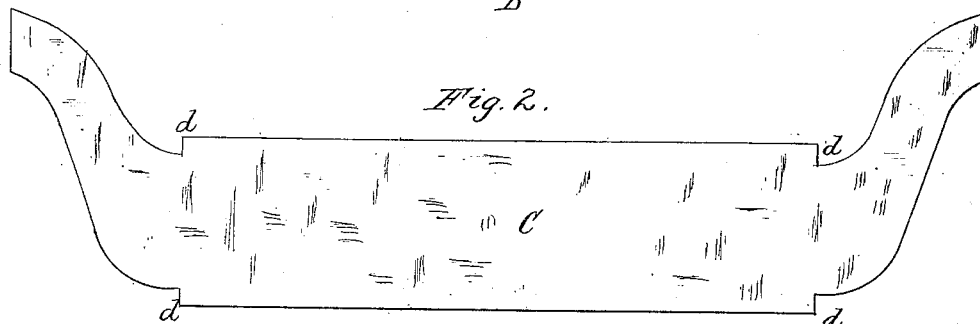
No. 266,736.

Patented Oct. 31, 1882.

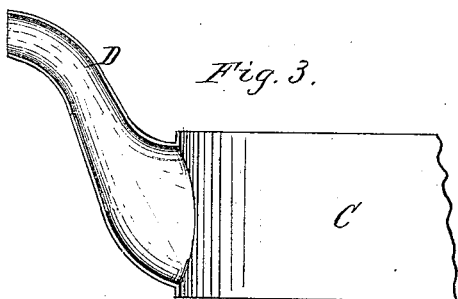
*Fig. 1.*



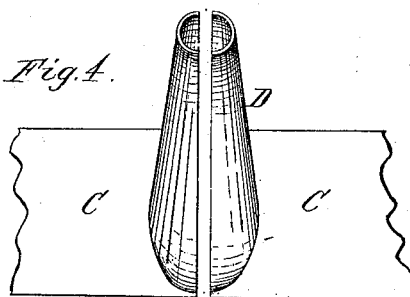
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## TEA-KETTLE.

SPECIFICATION forming part of Letters Patent No. 266,736, dated October 31, 1882.

Application filed March 28, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM WARWICK, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Kettles, of which the following is a specification.

The object of this invention is to form a single strong and durable connection of the spout with the body of the kettle; and my invention consists in dividing the spout vertically and forming each half of the spout in one piece with the adjacent portion of the band or body of the kettle, whereby the joint around the root or base of the spout, connecting the latter with the body of the kettle, is dispensed with.

In the accompanying drawings, Figure 1 is a perspective view of a kettle provided with my improvement. Fig. 2 is a view of the blank from which the body or band of the kettle and the spout are formed. Fig. 3 is an inside view of one part of the spout and the adjacent portion of the body stamped to the proper shape. Fig. 4 is a front elevation of both parts of the spout and the adjacent portions of the body.

Like letters of reference refer to like parts in the several figures.

A represents the top, and B the bottom, of the kettle, which may be of any well-known and suitable construction.

C represents the cylindrical body or band of the kettle, connected with the top and bottom by seams *a* and *b* in a well-known manner.

D represents the spout, connected at its root or base with the body C. The spout D is composed of two parts or halves joined together on their upper and lower sides by longitudinal seams or joints lying in the same vertical plane. Each half of the spout is formed in one piece

with the adjacent portion of the band C. The latter may be formed of a single continuous piece extending all around the kettle and having both parts of the spout formed at its ends, as represented in Fig. 2; or it may be composed of several pieces or sections secured together by seaming or otherwise; but in either case each half of the spout is formed in one piece with the adjacent portion of the body or band C. The halves of the spout are formed with the adjacent portions of the body by cutting a blank from a suitable piece of sheet metal and stamping or shaping the same between suitable dies. The contiguous edges of the two parts of the spout and the ends *d* of the band C are secured together by soldering or in any other suitable manner. The joint around the base of the spout, connecting the latter with the body of the kettle, is formed by simply bending the metal of which the parts are composed, thereby forming a light and strong connection of the spout with the body, which is very durable, and which is not liable to leak, like ordinary soldered joints. A kettle provided with this improvement can be produced at less cost than ordinary kettles.

I claim as my invention—

A kettle having a spout divided vertically into two parts, each formed in one piece with the adjacent portion of the body or band of the kettle, and both parts secured together by joints on the upper and lower sides of the spout, substantially as set forth.

WILLIAM WARWICK.

Witnesses:

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