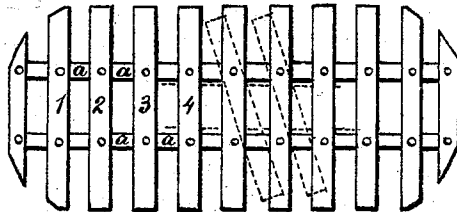


C. D. REINKING.

Wash Boiler-Attachments.

No. 136,385.

Patented March 4, 1873.



Witnesses.
H. L. Bapett.
Geo. R. Hanawalt.

Conrad Daniel Reinking,
Inventor.
Thomas G. Orwig, Atty.

UNITED STATES PATENT OFFICE.

CONRAD D. REINKING, OF DES MOINES, IOWA.

IMPROVEMENT IN WASH-BOILER ATTACHMENTS.

Specification forming part of Letters Patent No. **136,385**, dated March 4, 1873.

To all whom it may concern:

Be it known that I, CONRAD DANIEL REINKING, of Des Moines, in the county of Polk and State of Iowa, have invented an Attachment for Wash-Boilers, of which the following is a specification:

My invention is a device designed to be placed in a wash-boiler to aid in the circulation of water and steam through the articles put into the boiler to be cleansed. It consists in forming a skeleton frame entirely of wood in such a manner that it will be flexible and capable of being expanded and contracted to fit boilers of different sizes.

My drawing is a top view, showing the form and manner of constructing my invention.

a a represent two pieces of wood about one and a half by two inches in thickness, and in length corresponding with the length of the boiler in which they are to be used. 1 2 3 4 are a series of wooden cross-slats, which may vary in width, thickness, and length. The longitudinal pieces *a a* are placed parallel, about one-third the length of the slats apart, and the series of slats 1 2 3 4 are pinned at regular spaces apart upon the edges of the pieces *a a*. The holes in the slats are reamed on top, and the pins are formed with a head and drove in in such a manner that they will be rigidly attached to the pieces *a a* and hold the slats secure thereto, while at the same time the slats will not be held rigidly. The

dotted lines indicate how the slats may be turned angling, and the width of the device thereby contracted to enter a boiler that is narrower than the length of the slats. The slats on the end are cut short and formed to correspond with the round ends of the boiler.

A boiler attachment thus constructed entirely of wood will never corrode, and can be made by any person of ordinary skill.

The material and tools required to make it will be found in every carpenter-shop, and the device can be produced everywhere at a trifling cost.

The device will, when placed in a boiler, hold up the articles placed therein to be washed and form a chamber underneath for water and the generation of steam. The openings between the slats allow the water and steam to rise and descend, and thus circulate up and down through clothing and all textile and porous articles placed on the top to be cleansed.

Claim.

I claim as my invention—

A wooden attachment for wash-boilers composed of the longitudinal pieces *a a* and the series of cross-slats 1 2 3 4, in the manner described, and for the purposes specified.

CONRAD DANIEL REINKING.

Witnesses:

H. L. BASSETT,
S. HARBERT.