(No Model.)

C. S. LEWIS.

KNOB OR HANDLE.

No. 294,643. Patented Mar. 4, 1884.

Fig1.

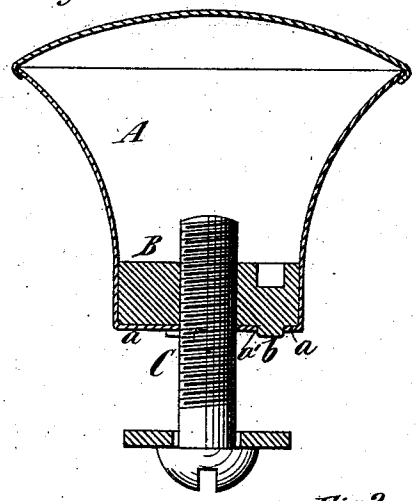


Fig2.

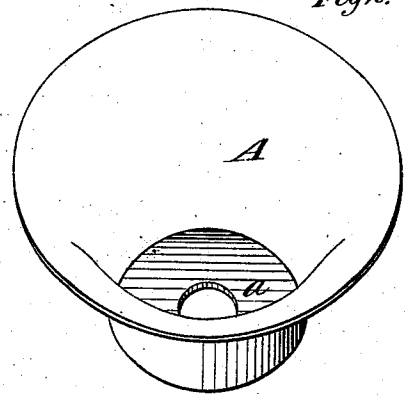
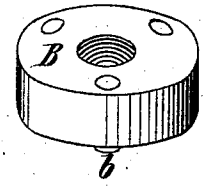


Fig3.



Witnesses:
James R. Bowen.
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Inventor:
Charles S. Lewis
by his Attorneys,
Edwin H. Brown,

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CHARLES S. LEWIS, OF WATERBURY, CONNECTICUT.

KNOB OR HANDLE.

SPECIFICATION forming part of Letters Patent No. 294,643, dated March 4, 1884.

Application filed July 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. LEWIS, of Waterbury, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Pull Knobs or Handles, of which the following is a specification.

This improvement relates, particularly, to knobs or handles which are designed for use on stoves.

The object of the improvement is to produce a simple, cheap, and strong knob or handle which will be adapted to such use.

To this end the improvement consists in the combination, with a shell of sheet metal forming part of the body of a knob or handle, of an internally-screw-threaded washer of thick strong metal, fitted in the back part of such shell, and teats forced from the washer and extending through the shell.

In the accompanying drawings, Figure 1 is a central longitudinal section of a shell forming part of a knob or handle and a washer fitted in the back part of the same and delineated on a large scale. Fig. 2 is a perspective view of the shell; and Fig. 3 is a perspective view of the washer detached from the shell, but in the condition which it has when secured to the shell.

Similar letters of reference designate corresponding parts in all the figures.

A designates a shell, which forms the rear part of a knob or handle. It is made of sheet metal, and, as shown, flares from the back to the front. At the back is an inwardly-turned flange, *a*.

B designates a washer, made of thick strong metal, such as iron. It fits snugly in the back part of the shell A against the flange *a*. It is secured in place within the shell A by having teats *b* punched or struck up and forced through the flange *a* of the shell A. These teats may be upset outside the flange of the shell-like rivets; but the washer will be well secured in the shell without upsetting the teats.

Although the holes *a'* in the flange *a* can advantageously be formed by forcing the teats *b* through the flange, yet these holes *a'* may be formed first, if desirable, with a punch or other tool.

The washer is internally screw-threaded, so that the knob or handle may be secured to a stove or other article by a screw, C.

The front of the knob or handle may consist of a shell of sheet metal secured to the shell A by having its edges lapped over the adjacent edges of the shell A.

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

The combination of a shell of sheet metal forming part with the body of a knob or handle, of an internally-screw-threaded washer of thick strong metal fitted in the back part of such shell, and teats forced from the washer and extending through the shell, substantially as specified.

CHAS. S. LEWIS.

Witnesses:
FREDK. HAYNES,
T. J. KEANE.