

G. SPRAGUE.
Stove-Lid Lifter.

No. 159,228.

Patented Jan. 26, 1875.

Fig. 1

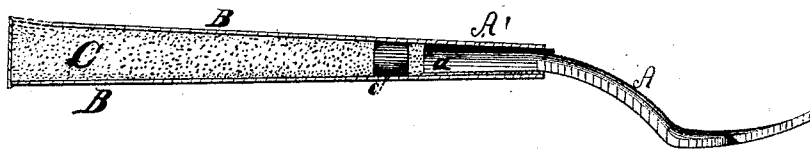
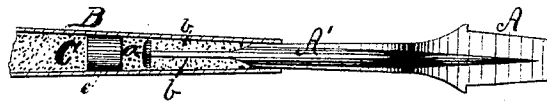


Fig. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE SPRAGUE, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN STOVE-LID LIFTERS.

Specification forming part of Letters Patent No. **159,228**, dated January 26, 1875; application filed November 21, 1874.

To all whom it may concern:

Be it known that I, GEORGE SPRAGUE, of Lockport, in the county of Niagara and State of New York, have invented certain Improvements in Stove-Cover Lifters, of which the following is a specification:

This invention relates to certain improvements in stove-cover lifters in which the metal handle is hollow and filled with a plastic non-conducting material, and the tang of the lifter set in said plastic material, whereby it is held in place, and to a certain extent the heat is prevented from being transmitted to the metal handle.

The object of my invention is to improve such construction of stove-cover lifters, whereby they are rendered more perfect and the heat effectually prevented from being transmitted to the head of the handle, and the only part of said handle which is liable to become heated being that portion at the end in which the tang of the lifter is inserted.

To this particular end—viz., preventing the transmission of the heat to the end of the handle which is grasped in the hand—my invention consists in arranging between the reduced end of the tang of the lifter and the end of the handle a stopper or disk of cork, as will be more fully described hereinafter in detail.

In the accompanying drawings, Figure 1 is a side elevation of the lifter with the handle in section, showing the disk of cork immediately at the end of the lifter; and Fig. 2 is a plan view of the lifter with the handle in section and the cork arranged in the plastic material.

It has been found that in stove-cover lifters constructed with a hollow handle filled with a plastic material, in which the tang of the lifter is set, the handle is liable to become heated, notwithstanding the non-conducting material,

as the tang, becoming very hot, soon transmits its heat to the metal handle, thereby rendering it very inconvenient in handling. I have discovered that, by arranging a block or disk of cork, *c*, between the end *a* of the tang of the lifter and the end of the metal handle which is grasped by the hand, the heat of the tang is obstructed or interrupted, and is effectually prevented from being transmitted to any portion of the handle beyond said cork disk. The handle *B* of the lifter *A* is filled with a plastic non-conducting material, *C*, which, to a certain extent, tends to keep the handle cool. The shank or tang *A'* of the lifter is flattened, as shown at *b b*, and it is set in the plastic material, which, becoming cool, effectually holds the lifter in place.

The block or disk of cork may be arranged directly at the end of the tang of the lifter, as in Fig. 1, or it may be arranged at a short distance from the same, as shown in Fig. 2.

I do not wish to be understood as claiming a hollow handle having a plastic non-conducting filling; but

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

The combination, with a stove cover lifter having a handle filled with a plastic non-conducting material, in which the tang of the lifter is held, of the block or disk of cork interposed between the end of the lever and the head of the handle, substantially as and for the purpose herein set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

GEORGE SPRAGUE.

Witnesses:

J. R. DRAKE,
T. H. PARSONS.