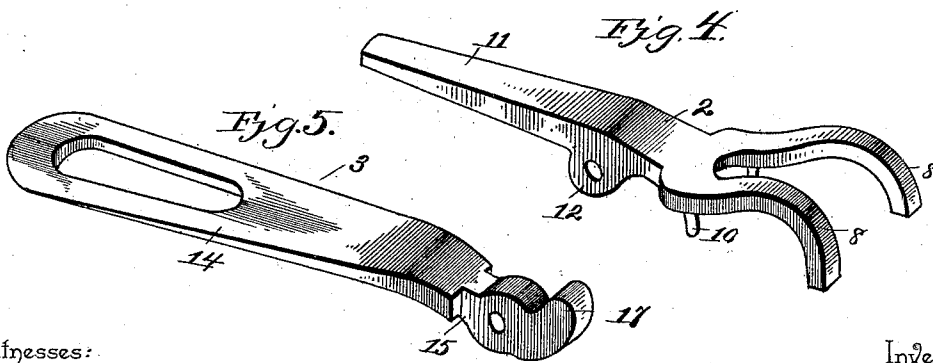
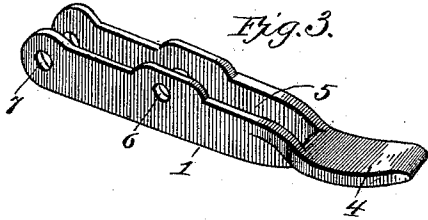
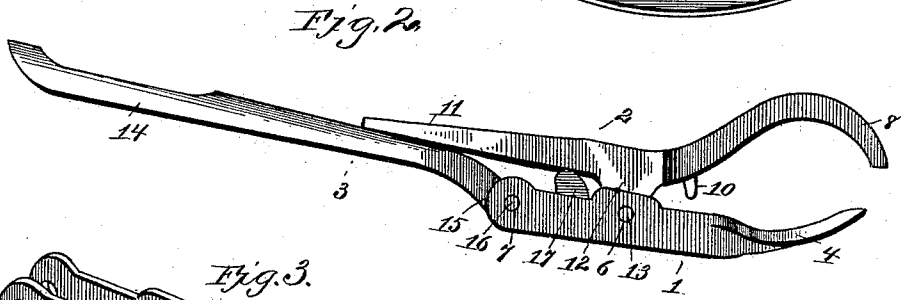
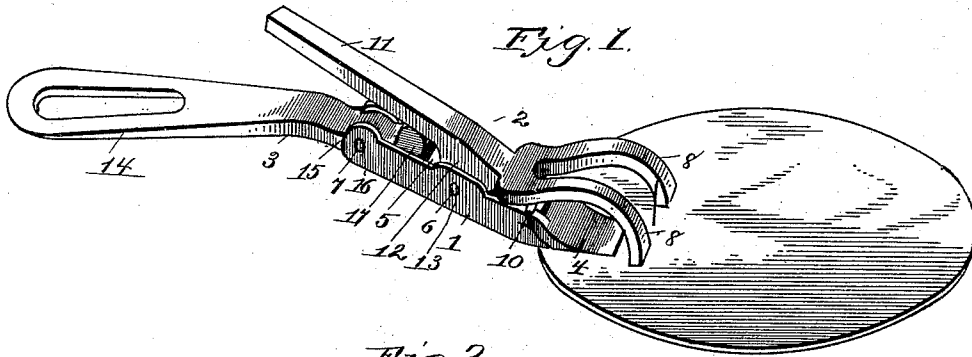


(No Model.)

W. F. KENDRICK.  
POT OR LID LIFTER.

No. 416,063.

Patented Nov. 26, 1889.



Witnesses:

Inventor

*A. Mirdeman*  
*W. S. Small*

By his Attorneys,

*William F. Kendrick*  
*C. A. Snow & Co.*

# UNITED STATES PATENT OFFICE.

WILLIAM FRANCIS KENDRICK, OF WINFIELD, IOWA, ASSIGNOR OF ONE-HALF  
TO H. L. GLASS, OF SAME PLACE.

## POT OR LID LIFTER.

SPECIFICATION forming part of Letters Patent No. 416,063, dated November 26, 1889.

Application filed July 2, 1889. Serial No. 316,305. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM FRANCIS KENDRICK, a citizen of the United States, residing at Winfield, in the county of Henry and State of Iowa, have invented a new and useful Pot or Lid Lifter, of which the following is a specification.

This invention has relation to pot or lid lifters, and, though especially adapted for the purpose mentioned, it will be apparent from the appended description that the device may serve as tongs and be applied to numerous uses.

Among the objects in view are to provide a device so constructed as to be adapted to automatically grip the edge of a lid or take into an opening therein, or to grip the edge of a culinary vessel, or in fact any other object the proportions of which will permit of the device operating upon the same.

A further object of the invention is to construct the device in such a manner that the greater the amount of weight to be lifted by the device the greater the gripping action thereof.

With these general objects in view the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a device constructed in accordance with my invention, the same being in the act of gripping a stove-lid. Fig. 2 is a side elevation of the same disconnected from the lid. Figs. 3, 4, and 5 are details in perspective of the three castings or sections forming the completed device.

Like numerals of reference indicate like parts in all the figures of the drawings.

In my invention I construct the same of three sections of preferably cast metal, which I shall designate, for convenience, the "lifting-section" 1, the "locking-section" 2, and the "handle-section" 3. The lifting-section 1 is provided with a lid-lifting tongue 4 at its front end, and in rear of the same is recessed the remainder of its length, as at 5, and provided with opposite perforations 6 at about the center of the recess and in the side walls thereof, and with similar perforations 7 in said side

walls near their rear ends. This completes the section 1. The locking-section 2 is simply a lever, and is provided at its forward end with a bifurcation forming opposite divergent tines 8, terminating substantially opposite the end of the lid-entering tongue of the section 1, and at the juncture of the tines with the lever and upon its under surface are formed opposite lugs 10, which are designed to space the locking-section from the lifting-section by reason of the lower ends of the lugs coming in contact with the upper edges of the walls of the recess 5. The locking-section terminates at its rear in a thumb-lever 11, which projects beyond the rear end of the section 1. The locking-section 2 at substantially its center is provided with a depending perforated bearing-lug 12, which aligns with the central pair of perforations in the side walls of the recess 5, and through the same is passed a bearing-pin 13, by which means the section 2 is pivotally connected with the section 1.

The handle-section 3 comprises at its rear end an ordinary handle 14, and terminates at its forward end in a reduced perforated ear 15, through which is passed a pintle 16, by which means said handle-section is pivoted in the rear perforations formed in the walls of the recess 5 of the section 1. Forward of the perforated ear a section 3 is provided with an upwardly-projecting cam 17, which takes under and when in a certain position rides against the surface of the thumb-lever, as will be hereinafter apparent, and between the fulcrum of the section 2 and the section 3.

The operation of my invention is as follows: To grip an article the thumb-lever is depressed by the thumb of the operator and the edge of the article inserted intermediate the tines and the tongue of the section 1. The thumb-lever is now released and the article lifted, and in so doing the weight of the article or the gravity of the sections 1 and 2 will cause the section 1 to swing downwardly upon its fulcrum, and in so doing the cam at the forward end of the section 3 takes against the under surface of the thumb-lever in rear of its fulcrum and forces the tines to bind against the object, which may now be carried or lifted, as will be readily apparent. To release the

device it is simply necessary to press lightly upon the thumb-lever, or in fact by raising the lifter to a vertical position the section 2 will be caused to open.

5 It will be noticed that the device consists of three easily cast and assembled sections, which will require no hand-finishing, and may be provided at a minimum cost.

10 Having described my invention, what I claim is—

15 1. In a device of the class described, a lifting-section and a handle pivotally mounted in the rear end thereof, in combination with a locking-section pivotally mounted on the lifting-section and provided with depending lugs adapted to space the lifting and locking sections apart, the handle in front of its pivot adapted to take under and depress the locking-section, substantially as specified.

20 2. In a device of the class described, a lifting-section, in combination with a handle pivoted in rear of said section and terminating in front of its pivot in a cam, and a locking-section pivoted to the lifting-section in  
25 front of the handle and extended beyond the end of the lifting-section and over the handle

to form a thumb-lever adapted to be elevated at its rear end by the cam, substantially as specified.

3. In a device of the class described, a lifting-section terminating at its front end in a tongue and recessed at its rear end, the walls of which are provided with bearings, in combination with a locking-lever having a lug aligned and perforated to receive a bearing-pin, said locking-section terminating at its front end in divergent tines and in rear of its fulcrum in a thumb-lever, and with a handle pivoted in the rear of the perforations and terminating in a reduced perforated ear for the reception of the pin, and forward of the same in a cam operating against the under surface of the thumb-lever, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM FRANCIS KENDRICK.

Witnesses:

RICHARD M. SHUSON,  
E. S. SELLERS.