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Patented Feb. 12, 1901.

H. M. EVENSTAD.
COMBINED PLATE AND STOVE LID LIFTER.

(Application filed May 26, 1900.)

(No Model.)

Fig. 1.

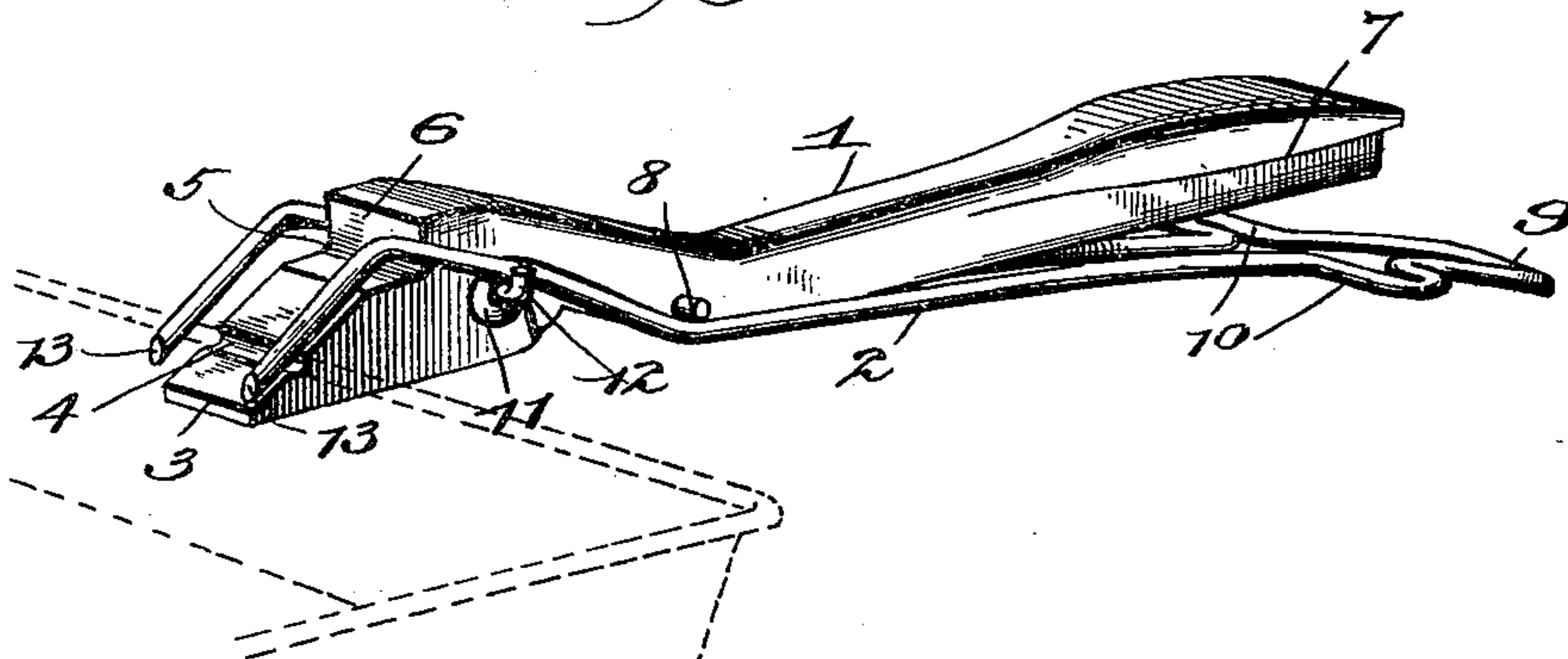


Fig. 2.

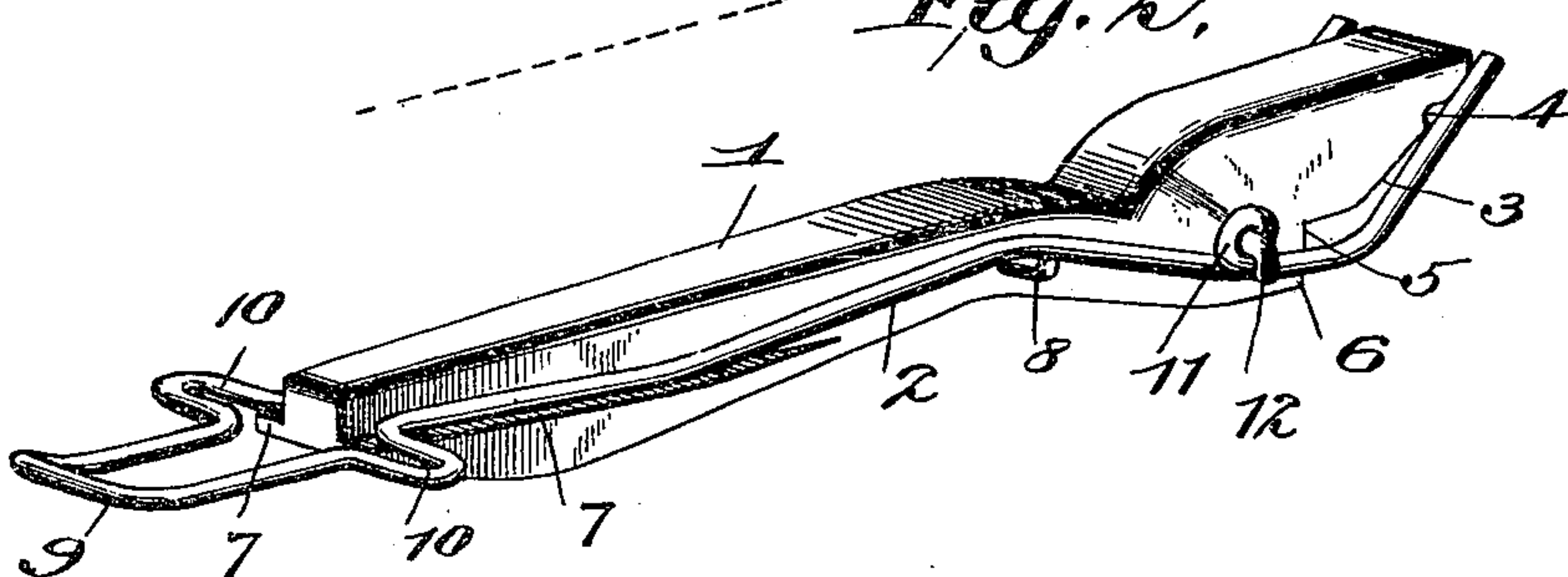
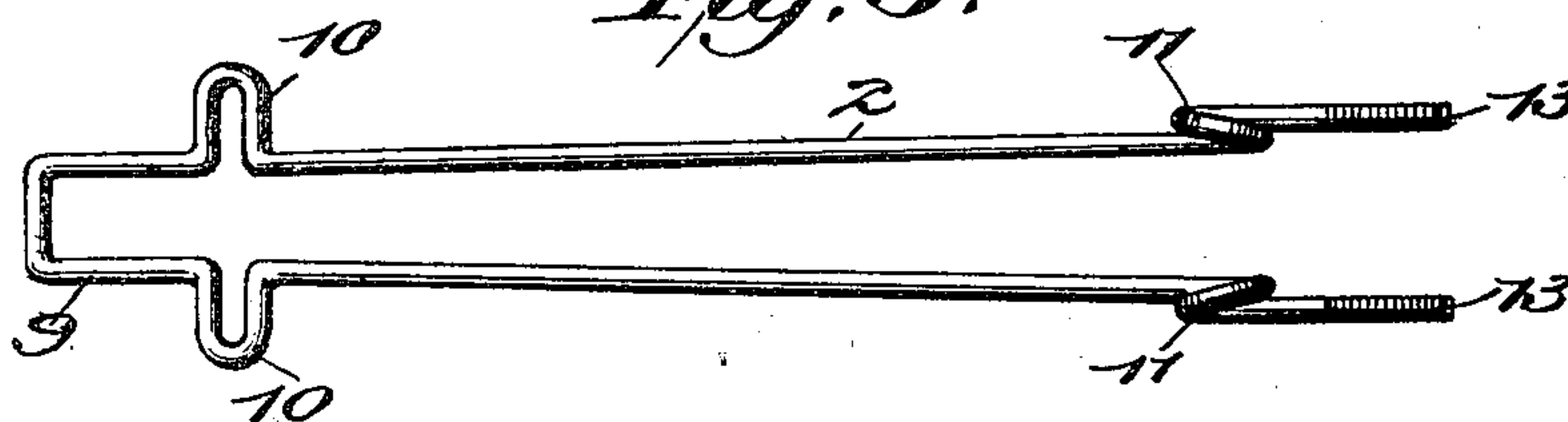


Fig. 3.



Witnesses:
Wm. L. Swider
James J. Harris

Inventor:
Hartvig M. Evenstad
Oliver H. K.
Attorneys

UNITED STATES PATENT OFFICE.

HARTVIG M. EVENSTAD, OF OTTOFY, NORTH DAKOTA.

COMBINED PLATE AND STOVE-LID LIFTER.

SPECIFICATION forming part of Letters Patent No. 667,691, dated February 12, 1901.

Application filed May 26, 1900. Serial No. 18,122. (No model.)

To all whom it may concern:

Be it known that I, HARTVIG M. EVENSTAD, a citizen of the United States, residing at Ottofy, in the county of Nelson and State of North Dakota, have invented a new and useful Combined Plate and Stove-Lid Lifter, of which the following is a specification.

My invention relates to a combined pie-plate and stove-lid lifter, and has for its object to produce a device of this kind which will be strong and durable, cheap and efficient, and can be quickly converted from one use to the other.

With this object in view my invention consists in the improved construction and novel arrangement of parts of such a lifter, as will be hereinafter more fully set forth.

In the accompanying drawings, in which the same reference numerals indicate corresponding parts in each of the views in which they occur, Figure 1 is a perspective view of my lifter in position for lifting a pan or pie-plate. Fig. 2 is a corresponding view of the same as a lid-lifter. Fig. 3 is a detail view of the clamping portion removed from its support.

Referring more particularly to the drawings, 1 indicates what I will call the "base" or "main" portion of my improved lifter, which is formed from metal and is of any suitable size and proportion.

2 indicates the clamping member, which is formed from wire and is pivotally secured to the base adjacent to one end. The pivotal end of the base is formed into a jaw 3, which is inclined upon one side and provided with transverse notches 4 and 5, the notch 5 being located at the shoulder 6, formed at the inner end of the jaw, and the notch 4 being located near the outer end of the jaw. The rear end of the base is preferably reduced on top to form two shoulders or flanges 7, against which the end of the clamping member rests when in its closed position. The intermediate portion of the base may be provided with laterally-extending pins or shoulders 8, against which the intermediate portion of the clamping member engages when in its closed position.

The clamping member is formed from a single piece of wire, the outer end of which is doubled upon itself to form a square-shaped loop 9, which projects beyond the end of the

base in position to be inserted in the usual hole in the top of the lid for lifting the same. Adjacent to the end of the base each side of the clamping member is bent laterally a short distance and folded upon itself to form stops or projections 10, which engage with the top of the lid upon the sides of the hole therein and keep the lid from turning or moving while suspended upon the looped portion 9. The portion of the wire adjacent to each end is formed into a coil 11, through which a pivot 12 passes and by means of which the member is secured to the base. If desired, the ends of the pivot may be extended slightly beyond the coil and bent down over the projecting portion thereof to give greater strength and rigidity to the projecting end of the clamping member and also to hold the members firmly against the sides of the base. The portions of the ends beyond the coils are bent at an angle which stands substantially parallel with the notched face of the jaw when the clamp is open, but which passes up upon the sides of the jaw when the clamping member is closed. The tips of the wire are beveled or inclined, as shown at 13, for passing down between the pan and its contents when being inserted ready for use.

In using my improved lifter when it is desired to lift pie-plates or pans—as, for instance, in removing them from the hot oven—the lifter is held in such position that the projecting ends of the clamp are above the inclined jaw, when the lifter may be applied to the pan or pie-plate by inserting the ends of the jaw between the plate and its contents and closing the same, which will cause the pan to be tightly clamped between the jaw portion and the clamping member. With a shallow or light plate the lifter need only be inserted far enough to cause the wire or bead upon the outer edge of the pan to enter and be secured within the notch near the tip of the jaw of the base; but when it is desired to utilize the lifter for removing heavier or deeper articles it may be inserted until the edge of the beaded portion enters the notch at the base of the jaw. In either instance it will be found that the lifter is of such great strength that it will firmly retain and safely lift the heaviest article to which it need to be applied. By locating the jaws or engaging

members of the clamp upon opposite sides of the jaw of the base the article being moved will be firmly held at three points, thereby avoiding the possibility of the article swinging or
 5 changing its position and slipping out from and between the jaws.

When it is desired to use the lifter for a stove-lid or similar article, the clamping member is closed until its sides slip over and
 10 firmly clasp the reduced portion of the rear end of the base, which will cause the loop to project at a sufficient distance from the rear end of the base to be readily inserted in the usual depression in the top of the lid. By
 15 causing the sides of the clamping member to rest upon the flanges of the base the projecting portion will possess sufficient strength to safely lift any possible weight to which the lifter may be properly applied.

20 By constructing the lifter as above described the base may be formed from cast metal and the clamping member formed from a single piece of wire and the two members pivotally secured together by the insertion
 25 of a single pivot, thereby permitting of the lifter being cheaply made and possessing great strength and durability. I reserve the right to make such changes and alterations in the form and construction of my lifter as
 30 will come within the scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a combined pie-plate and stove-lid
 35 lifter, the combination, with a base, one end of which is provided with a jaw, and the opposite end is reduced and provided with longitudinal shoulders, of a clamping member formed from a single piece of wire doubled

upon itself and having its doubled portion 40 resting upon and extending beyond the flanged end of the base, and having its ends pivotally secured to the jaw of the base and extending beyond the pivotal point in position to coöperate with said jaw, substantially 45 as described.

2. In a combined pie-plate and stove-lid lifter, the combination, with the base, one end of which is provided with an inclined and transversely-notched jaw, and the opposite 50 end with longitudinal flanges, of a clamping member formed from a single piece of wire and doubled upon itself and having its sides resting upon and extending beyond the flanges, and each side extended laterally and 55 doubled upon itself to form shoulders, and each side being formed into a coil, and bent adjacent to each end, and a pivot through the base and through said coils, the outer ends of which are curved to engage with the 60 portions at the coils, substantially as described.

3. In a combined pie-plate and stove-lid lifter, the combination, with a base, one end of which is provided with a jaw and the other 65 end with flanges and the intermediate portion with laterally-extending pins, a clamping member formed from a single piece of wire doubled upon itself and pivotally secured to the sides of the jaw, the intermedi- 70 ate portions of the sides of the clamping member being curved and engaging with said pins, and the tips of said sides being inclined, substantially as described.

HARTVIG M. EVENSTAD.

Witnesses:

A. M. TOFTHAGEN,
 JACOB THAL.