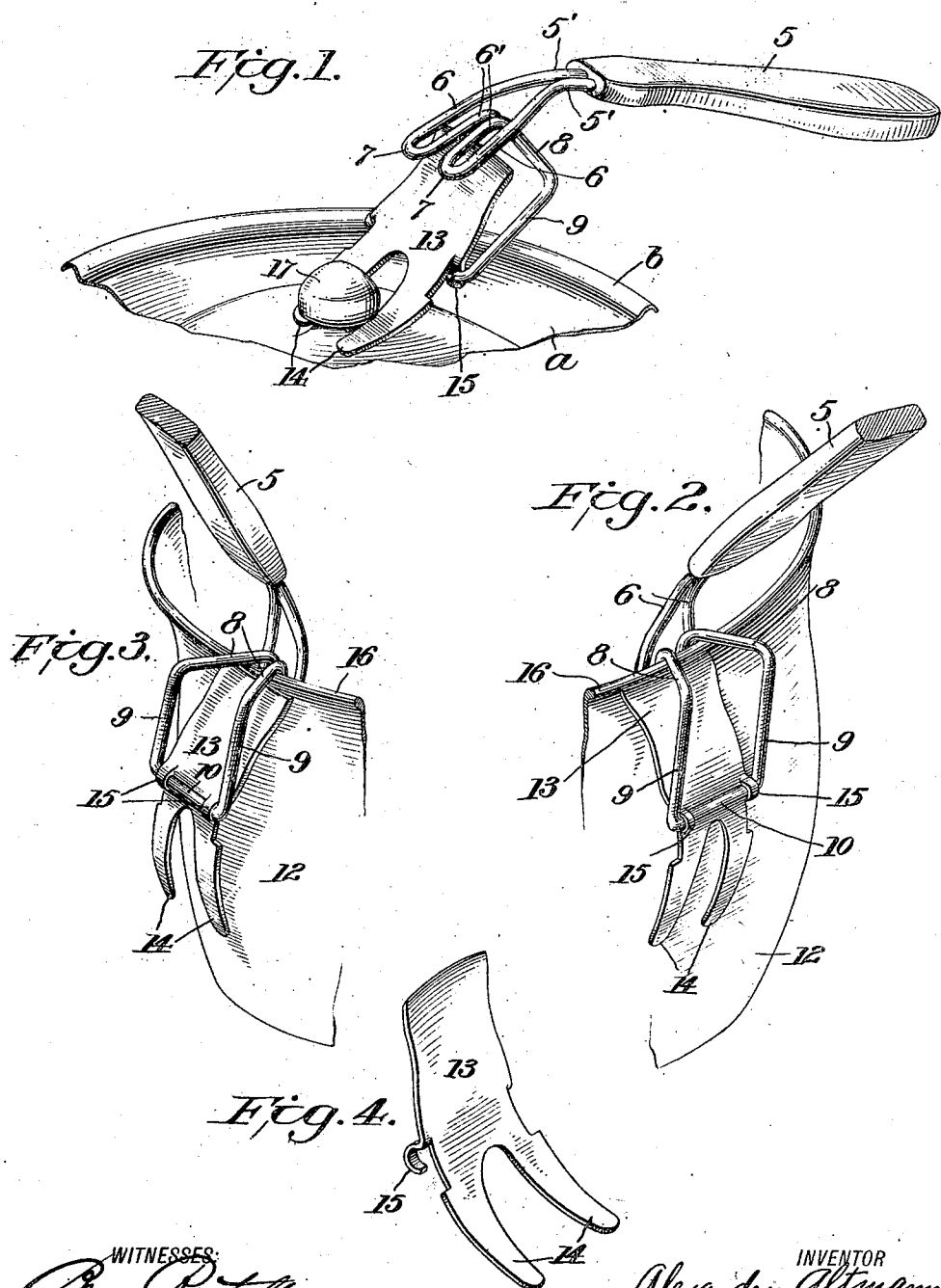


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 INSTRUMENT FOR LIFTING HOT POTS AND OTHER UTENSILS.
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Patented Nov. 19, 1912.



WITNESSES:
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INSTRUMENT FOR LIFTING HOT POTS AND OTHER UTENSILS

1,044,968.

Specification of Letters Patent.

Patented Nov. 19, 1912.

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To all whom it may concern:

Be it known that I, ALEXANDER ALTMANN, a subject to the Empire of Austria-Hungary, residing at Elizabethport, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Instruments for Lifting Hot Pots and other Utensils, of which the following is a specification.

10 This invention relates to a device for lifting pots, pans or other vessels and the covers therefor.

The object of the invention is to provide a simple, inexpensive, durable and efficient device that may be manipulated for the removal of covers from pots, kettles or other vessels or for the purpose of lifting vessels without injuring the user's hands and without danger of the device becoming accidentally detached either from the cover or the vessel whichever it may be desired to lift.

With the above and other objects in view the present invention consists in the combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes may be made in the form, proportion, size and minor details without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings: Figure 1 is a perspective view of the invention showing its application in lifting a cover. Fig. 2 is a perspective view of the device applied to a vessel for lifting the latter. Fig. 3 is a view similar to Fig. 2 showing the position of the lifter when it is desired to disengage it from the vessel. Fig. 4 is a detail perspective view of one of the gripping members.

My improved lifter is composed preferably of a single piece of wire or other suitable material bent in a peculiar manner and provided with a handle 5. The wire or other material is preferably bent intermediate its ends to form a bight portion 10 from which extend legs 9 which terminate in converging portions 8, said legs and converging portions forming a yoke. The extremities 5' of the wire or other material are disposed preferably parallel and secured in the handle member 5, the connection 6-6' between the shanks or extremities 5' being

in the form of loops or gripping fingers 7. To the bight portion 10 is hingedly connected the flat gripping member 13 bifurcated at one end to provide gripping fingers 14 which cooperate with the gripping fingers 7 to grasp a vessel to lift the latter. The gripping member 13 is provided with bearings 15 by which said gripping member is hingedly or pivotally secured to said bight portion 10.

To use the device for lifting the cover α from a vessel the fingers 14 of the plate 13 are caused to engage under the knob 17 of the cover with the parts 9 of the hook resting against the annular rib or rim δ of the cover. In this position the gripping member 13 has its rear end cooperating with the gripping fingers 7 and by their engagement therewith to provide for a positive lifting of the cover when the handle 5 is grasped, the pivotal connection between the gripping member 13 and the bight portion 10 of the hook permitting such engagement of the gripping members.

When the device is used for lifting pots or other vessels the gripping fingers 7 engage the inner surface of the vessel 12 while the fingers of the gripping members 13 engage the exterior surface of the vessel, as shown in Fig. 2, with that end of the gripping member 13 opposite to that which is bifurcated engaged under the rim 16 of the vessel. By then grasping the handle 5 the lifter firmly grips the vessel and the latter may be lifted off of a stove or other place without accidentally slipping from between the fingers of the lifter.

To remove the lifter from the pot it is only necessary to slightly turn the same so that it may assume the position shown in Fig. 3 when it may be readily disengaged from the vessel.

From the foregoing it will be seen that I provide an efficient device for lifting hot vessels and also the covers thereof.

What is claimed is:

1. A device of the character described composed of a single piece of wire bent intermediate its ends to form a bight portion, legs extending from the bight portion and terminating in converging portions, said legs and converging portions forming a yoke, loop portions formed at the ends of the converging portions and terminating in parallel portions, a handle embracing the

ends of the parallel portions and a plate pivotally mounted on the bight portion of the yoke for coöperation with the loop portions.

2. A device of the character described, composed of a single piece of wire bent intermediate its ends to form a bight portion, legs extending rearwardly from the bight portion and terminating in converging portions, said converging portions being disposed in a plane at right angles to the plane of the leg portions and terminating in loop portions, which extend forwardly from the ends of the converging portions, the free ends of the loop portions being substantially parallel to each other, and a plate bifurcated at one end and pivotally mounted on the bight portion.

3. A device of the character described comprising a yoke terminating at one end in spaced gripping fingers with said fingers terminating in a shank, a handle to which the shank is secured, and a plate pivotally secured to the yoke and bifurcated at one end to provide spaced gripping fingers, said plate being pivoted to the yoke beyond the ends of the spaced gripping members.

4. A device of the class described comprising a yoke, rigid gripping members secured to the yoke, a bight portion also secured to the yoke and disposed in a plane below the rigid gripping members and beyond the ends of the latter, a curved plate pivoted intermediate its ends on the bight portion, said pivoted plate being provided at one end with a bifurcation and at its other end with an extension disposed beneath the rigid gripping members.

5. A device of the class described comprising a yoke, rigid gripping members secured to the yoke, a movable gripping member pivotally mounted on the yoke at a point beyond the ends of the gripping members, the rigid gripping members being so disposed with relation to the movable member as to form a stop for the movable gripping member when the instrument is in one position and to coöperate as a stationary arm with the movable gripping member when the instrument is in another position.

6. A device of the class described comprising a yoke, rigid gripping members secured to the yoke, a curved plate pivotally secured to the yoke intermediate the ends of the plate, said plate being bifurcated at one end and being provided with a straight edge at its other end for engagement with the rigid gripping members.

7. A device of the class described comprising a yoke, a curved plate pivotally mounted on the yoke intermediate the ends of the plate, one end of the plate being bifurcated and the other end of the plate being straight, loop members secured to the yoke for engagement with the straight edge of the pivoted plate to limit the movement thereof.

In testimony whereof, I, have signed my name to this specification in the presence of two subscribing witnesses, this 17th day of March 1911.

ALEXANDER ALTMANN.

Witnesses:

BRUNO REICHELT,
JOHN E. MAYER.