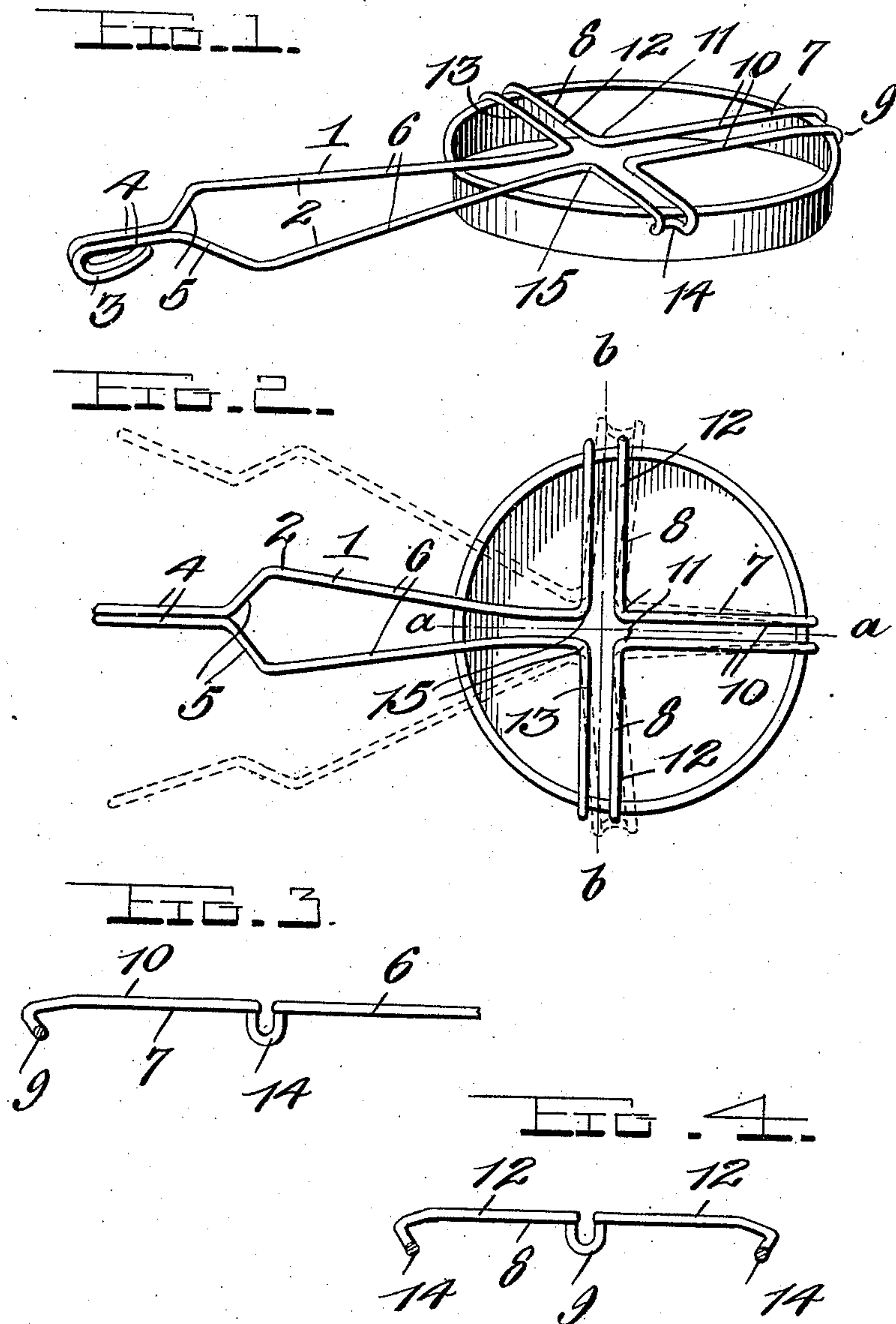


M. L. M. PECK.
 PLATE LIFTER.
 APPLICATION FILED DEC. 21, 1910.

986,854.

Patented Mar. 14, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

MINA L. M. PECK, OF HAMILTON, NEW YORK.

PLATE-LIFTER.

986,854.

Specification of Letters Patent.

Patented Mar. 14, 1911.

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To all whom it may concern:

Be it known that I, MINA L. M. PECK, a citizen of the United States, residing at Hamilton, in the county of Madison and State of New York, have invented certain new and useful Improvements in Plate-Lifters, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention is an improved lifter for lifting hot plates, pans, pie tins and other like devices, the object of the invention being to provide an improved device of this character which is extremely cheap and simple, being made from a single piece of wire, and which is extremely efficient and may be readily applied to and detached from a plate or other like article, the invention consisting in the construction, and arrangement of devices hereinafter described and claimed.

15 In the accompanying drawings—Figure 1 is a perspective view of a plate lifter constructed in accordance with my invention showing the same in use for lifting a plate. Fig. 2 is a plan of the same. Fig. 3 is a sectional view of the same on the plane indicated by the line *a—b* of Fig. 2. Fig. 4 is a similar view on the plane indicated by the line *b—b* of Fig. 2.

20 My improved plate lifter is made from a single piece of spring wire, of suitable material, and of suitable length and gage.

25 The end portions 1 of my improved plate lifter comprise the side members of a handle 2, the said side members being disconnected from each other, and provided at their outer ends with eyes 3. The extreme outer end portions 4 of the side members of the handle are substantially parallel with each other, and at the inner end of each of them is a lateral off-set 5 which widens the intermediate portion of the handle to enable the same to be readily grasped, and the device to be readily used, those portions 6 of the side members of the handle between the said off-sets 5 and the inner end of the handle converging toward the inner end of the

handle as shown. At the inner end of the handle, are radially disposed arms 7 and 8, there being one of the former and two of the latter. The arm 7 comprises an inturned spring bight 9 which forms a hook to engage under the edge of the plate or other device to be lifted, and a pair of side members 10 which are united by the said bight and are each united as at 11 to one side member 12 of one of the arms 8. Each of the arms 8 comprises in addition to the side member 12, a side member 13, and an inturned bight 14 which unites said side member 13 to the side member 12, and forms a hook to engage under the edge of the plate or other article on which the device is used and also forms a spring to open said members, and the side members 13 of the said arms 8 are united, as at 15, to the inner ends of the side members 6 of the handle.

It will be understood from the foregoing and by reference to the drawing, that my improved lifter is made from a single piece of wire.

Upon releasing the pressure upon the lateral side pieces 6, the resiliency of the spring which forms the bight hook 9, and the resiliency of the wire frame springs the hooks 14 from engagement with the plate or band. It will be seen that the bight 9 not only forms a hook at the outer end of the arm 7, but also serves to form a spring connection between the two sides of the device together, to permit the required lateral movement of the side members of the handle and of the arms 8 to engage and disengage the plate or other article.

I claim:—

The herein described plate lifter made from a single piece of wire and comprising a pair of disconnected handle members and radial plate engaging arms at one end thereof, each of said arms comprising a pair of side portions open at their inner ends, and having inturned bights at their outer ends uniting them together and forming hooks to engage the edge of a plate or other article,

said arms being connected to one another at their inner ends and two of them being each connected at its inner end to one of the said handle members, so that said handle members when moved apart serve to move the last mentioned arms outwardly from each other, to release the plate or other article.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

MINA L. M. PECK.

Witnesses:

Mrs. T. F. SMITH,
T. FRANCIS SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
