(No Model.)

D. H. SWEENEY.

PLATE OR PIE LIFTER.

No. 450,477. Patented Apr. 14, 1891.

Fig. 1

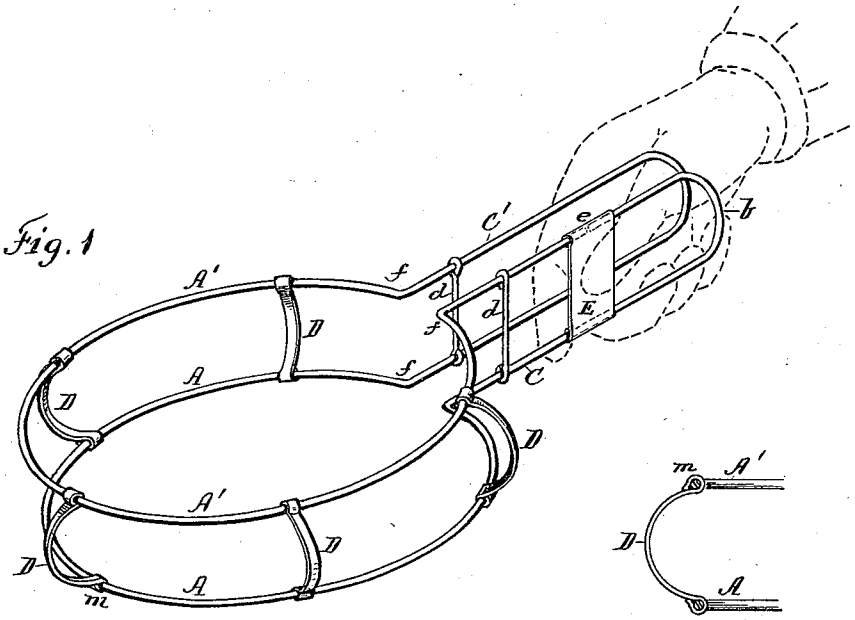

Fig. 3

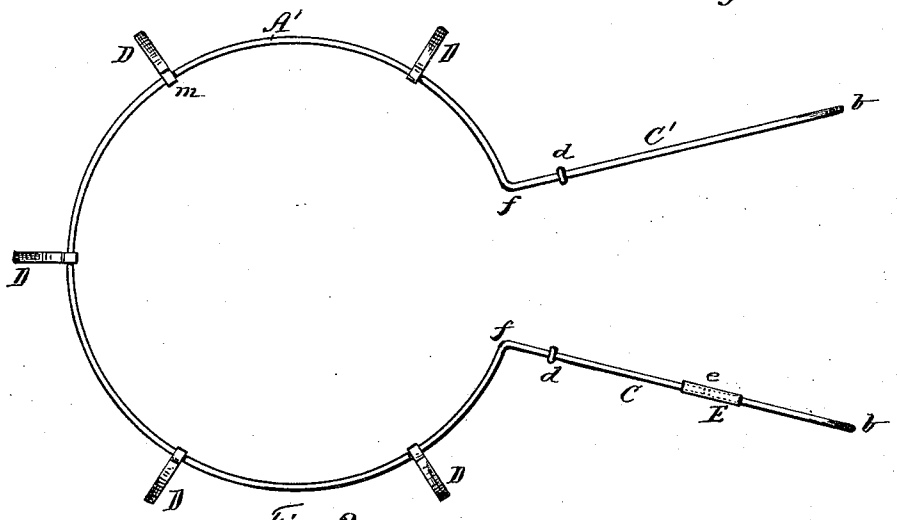

Fig. 2

Witnesses

Ella P. Blenus.

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DAVID H. SWEENEY, OF FITCHBURG, MASSACHUSETTS.

PLATE OR PIE LIFTER.

SPECIFICATION forming part of Letters Patent No. 450,477, dated April 14, 1891.

Application filed November 20, 1890. Serial No. 372,098. (No model.)

To all whom it may concern:

Be it known that I, DAVID H. SWEENEY, a citizen of the United States, residing at Fitchburg, in the county of Worcester and State of Massachusetts, have invented a new and useful Plate or Pie Lifter, of which the following, together with the accompanying drawings, is a specification sufficiently full, clear, and exact to enable persons skilled in the art to which this invention appertains to make and use the same.

The object of my present invention is to provide a simple, efficient, and inexpensive lifter or implement for lifting or handling hot plates, removing pies from the oven, and for similar culinary purposes, which lifter shall be convenient for use and sure in its hold upon the article lifted.

To this end my invention consists in a plate or pie lifter constructed as illustrated and hereinafter described.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a top view with the handles partially extended, and Fig. 3 is a section showing one of the upright connections.

My improved lifter is best formed of spring-wire, and consists of a lower circular ring A and an upper circular ring A′, of substantially the same diameter, open at one side and provided with radially-projecting handles C and C′, that extend out laterally from the respective rings to a convenient distance in the manner shown. The two circular rings A A′ are disposed about two inches apart, more or less, and are connected to each other at suitable intervals by outwardly-curved uprights or bars D, the ends of which are rigidly attached to the wire of the rings. The handle-wires are joined across from the upper to the lower part by straight bars *d;* also, by a plate E, that serves for securing the ends and as a thumb-piece.

The two rings A A′ and handles C C′ are in the present instance made from a single piece of wire bent round at the outer end of the handles, as at *b*, to connect the upper and lower parts, and bent laterally, as at *f*, at the junction of the rings and handle, the ends of the wire being brought together at *e* and secured by the plate E.

The bars D, which may be of flat or round wire or metal, are secured by folding their ends about the ring, as at *m*, and then soldered or tinned in the usual manner of finishing wire goods. When in normal condition, the spring of the wire expands the rings, permitting the handles to spread apart, as in Fig. 2. When the handles are spread apart, the lower ring can be readily passed over and beneath a plate, pile of plates, or a pie in a hot oven. Then by bringing the handles together the plate or pie is embraced between the outwardly-curved bars D, with the ring A below and the ring A′ above the rim of the pie or plate, thereby securely retaining it so long as the two handles are kept together.

Thus it will be seen that my invention provides a very safe, convenient, and efficient implement for the purpose of handling hot plates, pies, or similar articles.

I am aware that pie-lifters having two oppositely-curved jaws connected by a spring-handle have heretofore been made, and also that such style of lifter has been formed of a single piece of wire. It will therefore be understood that I do not herein broadly claim a pie-lifter formed of wire irrespective of its construction.

I claim as my invention herein to be secured by Letters Patent—

In a pie or plate lifter composed of wire, the piece of wire bent to form the circular lower ring portion A and the circular upper ring portion A′, with the radially-projecting handle-bars C C′, having connecting-bends, as at *b* and *f*, in combination with the series of outwardly-curved bars D, disposed at intervals between the circular portions, with their ends rigidly attached to the respective rings, and the plate E, connecting the ends of said wire, all substantially as shown and described.

Witness my hand this 4th day of November, A. D. 1890.

DAVID H. SWEENEY.

Witnesses.
CHAS. H. BURLEIGH,
ELLA P. BLENUS.