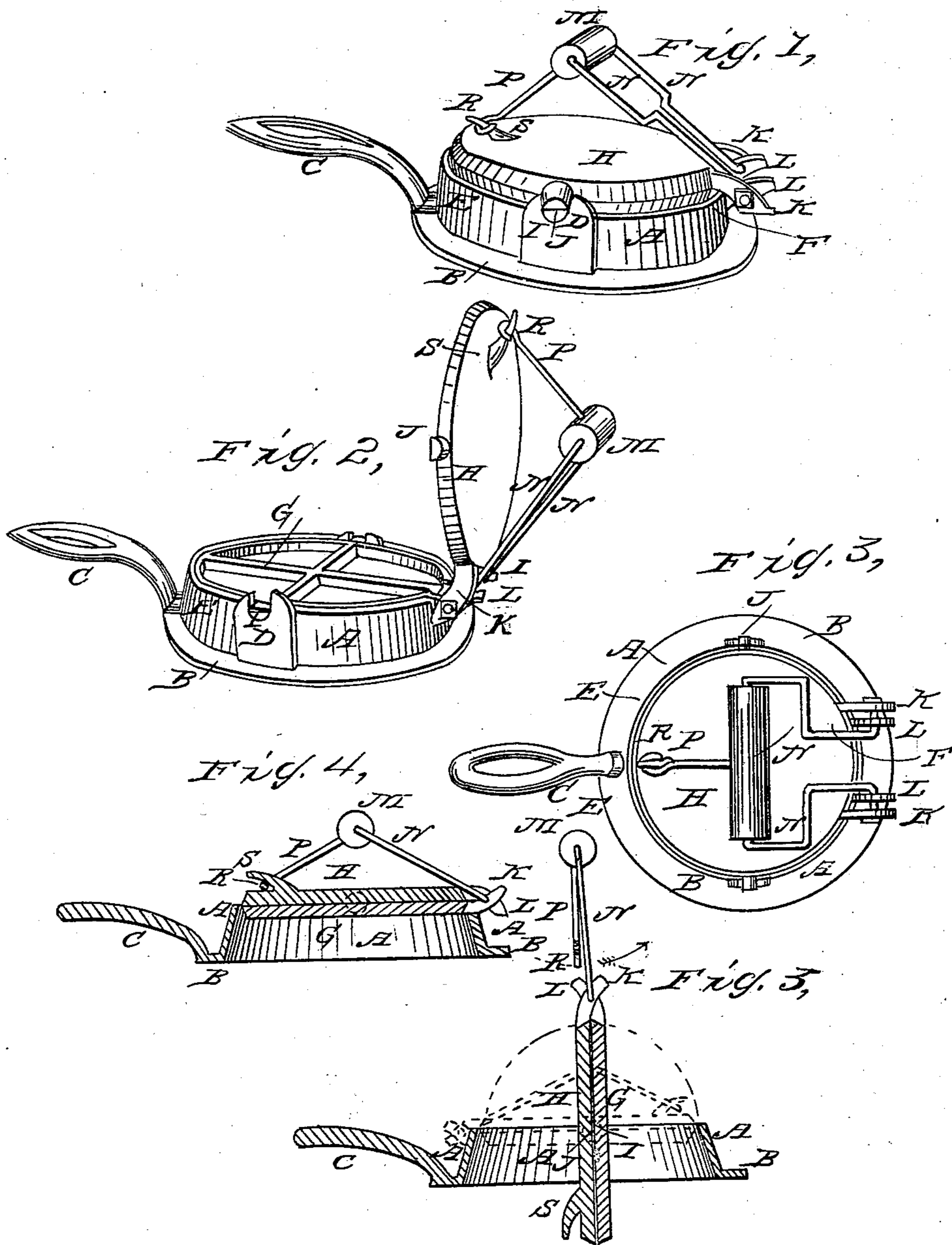


C. SWARTWOUT.

Waffle Iron.

No. 94,043.

Patented Aug. 24, 1869.



Witnesses,
Thomas Jones
R. A. Rille

Inventor,
Cornelius Swartwout

United States Patent Office.

CORNELIUS SWARTWOUT, OF TROY, NEW YORK, ASSIGNOR TO HIMSELF, JOSEPH FOXELL, THOMAS JONES, AND EDWARD W. MILLARD, OF SAME PLACE.

Letters Patent No. 94,043, dated August 24, 1869.

WAFFLE-IRON.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CORNELIUS SWARTWOUT, of the city of Troy, in the county of Rensselaer, and State of New York, have invented a new and useful "Improvement in Waffle-Irons;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making a part of this specification.

Similar letters refer to like or corresponding parts.

Figure 1 represents a perspective view of a waffle-iron, with my improvement attached.

Figure 2 represents a perspective view of a waffle-iron, opened by my improvement.

Figure 3 represents a view of a waffle-iron from above.

Figure 4 represents a vertical section of a waffle-iron closed, ready to open.

Figure 5 represents a vertical section of a waffle-iron, showing the operation of turning; dotted lines showing its course and position when turned over; arrows show the direction.

The nature of my invention consists in providing a handle, connected with and forming part of a waffle-iron, by means of which the same may be readily turned over without danger of slipping, and without the possibility of burning the hand.

It also consists in providing a device, by means of which the upper or covering portion of a waffle-iron may be raised, so as to expose the interior, for filling, or for removing the waffle when done, without danger of the cover slipping back, and without burning the hand.

To enable others skilled in the art to which my invention refers to make and use the same, I will proceed to describe its construction and operation, which are as follows:

My waffle-iron I construct, in general, substantially in the usual form and style, and the invention and improvement herein described, set forth, and contained in the claims hereto, may be applied to any waffle-irons usually made, in substantially the same manner as herein described and set forth.

In the accompanying drawings—

A represents the frame or outside ring, or rim, with its flange B, and its handle C.

The socket D, in which the axles of the baker revolve, and having notches at E and F, to receive the ears of the baker.

G represents one-half, or jaw of the baker, and H represents the other half, or jaw of the baker.

I and J are the halves of the axles on which the baker revolves.

K and L are the ears, which are usually riveted together, and then form a hinge, and unless great pains are taken in adjusting the same, these ears are frequently broken off, in the operation of opening the jaws. This danger is avoided in using my improvement.

M represents the handle, which I construct of wood.

N is the connection-rod, of metal. I usually construct it of strong wire, running through the wooden handle M, allowing the same to revolve thereon, and running downward and backward, bent or crooked in any convenient and suitable form to the ears K and L; bent again and entering at the apertures where usually riveted, as above mentioned, the wire or rod passes through the ears K and L, taking the place of and answering the same purpose as the rivets above mentioned.

P represents the device for opening the two jaws or parts of the baker, respectively marked G and H. This device I also construct of metal, usually strong wire, and at one end is connected to the handle M, in any suitable manner, so that it revolves therewith, and at the other end I construct an eye, or loop, shown at R.

There is, on both jaws of all waffle-irons, usually constructed a lug, forming a hook, which I have shown at S, and by means of this lug, and by using the fingers, and sometimes a table-knife, the operation of opening the baker has been heretofore performed, and the operation of turning the baker is usually by applying the fingers or a table-knife, or any other implement conveniently at hand, to the ears K and L, raising the same so as to turn the baker over.

The operation of my invention is as follows:

By taking hold of the handle M, and placing the eye R on the lug S, and moving the handle backward, the upper jaw of the baker is raised, as shown at fig. 2, for filling or for removing the properly-baked waffle, and when the two jaws are closed, by removing the eye R and raising the handle M, the baker is revolved on the axles I J, and turned completely over in one neat operation, while the device P, with the eye R revolving with the handle M, coming and remaining above the baker, always is easily and readily placed in its position again over the lug S, ready for raising the jaw, which is now uppermost, for removing the cake or waffle, and filling the lower jaw of the baker with fresh ingredients for baking.

Having thus described the construction and operation of my said invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

The handle M, with the connecting-rod N, or its equivalent, and the device P, or its equivalent, arranged so as to loop or hook over the lug S, or any equivalent thereto, and forming rivets through the ears K and L, substantially in the manner and for the purposes as described and set forth.

In testimony whereof, I have, on this 10th day of May, 1869, affixed my name, in the presence of two witnesses, to wit—

CORNELIUS SWARTWOUT.

Witnesses:

THOMAS JONES,
R. H. REILLE.