J. T. LAMBERT.

WAFFLE-IRONS.

No. 189,753. Patented April 17, 1877.

Fig. 1.

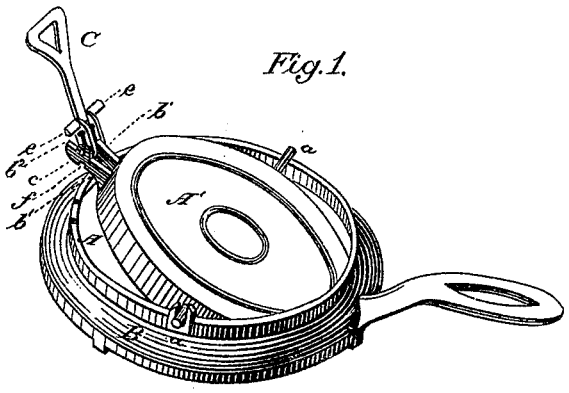


Fig. 2.

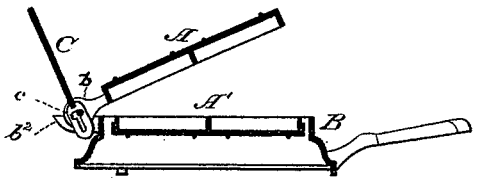
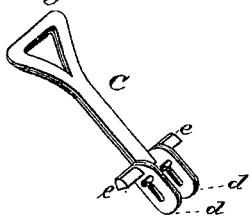


Fig. 3.



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UNITED STATES PATENT OFFICE.

JAMES T. LAMBERT, OF DETROIT, MICHIGAN, ASSIGNOR TO THE DETROIT IRON AND BRASS MANUFACTURING COMPANY.

IMPROVEMENT IN WAFFLE-IRONS.

Specification forming part of Letters Patent No. **189,753**, dated April 17, 1877; application filed January 13, 1877.

To all whom it may concern:

Be it known that I, JAMES THOMAS LAMBERT, of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement in Waffle-Irons, of which the following is a specification:

The nature of my invention relates to an improvement in waffle-irons of that class which are made in two parts, hinged together and made to revolve on their trunnions in a ring.

The object I have in view is to so construct the hinge-lugs of such a device, and to combine with them a lever permanently secured thereto, that, by means of such lever, the iron can be turned over or opened up at will.

Figure 1 is a perspective view of the iron in the act of being turned over by the lever. Fig. 2 is a longitudinal section through the center, showing the iron in the act of being opened up by the lever. Fig. 3 is a detached perspective view of the lever.

In the drawing, A A′ represent the two halves of a waffle-iron, each having a pair of half-trunnions, *a*, by which they are journaled in the ring B. The part A is cast with a single hinge-lug, *b*, and the part A′ with a pair of such lugs, b^1 b^1, which are hinged together by a pivot-pin, *c*, in the usual manner, except that there is space enough left at each side of the lug *b* to permit the insertion of a fork, *d*, at the end of a lever, C, which is loosely secured by the pin *c*, passing through a slot in each arm of said fork. The lever is cast with a cross-bar, *e*, projecting laterally from the fork, which cross-bar may be inserted in a slot, *f*, cut in the back of the several lugs *b* b^1, when, by pressing back the lever, the part of the iron which is then uppermost may be thrown up to open the iron.

To turn over the iron the lever is simply pulled upward and toward the other side of the ring. To keep the lever off the stove when not in use, the lugs b^1 b^1 are cast with a bracket-like extension, b^2, on which the cross-bar *e* may rest to support said lever in a horizontal position, and, if preferred, the lever may be provided with a wooden or other handle that will not absorb heat.

What I claim as my invention is—

The lever C, provided with the cross-bar *e*, and pivoted between the slotted hinge-lugs of a waffle-iron, substantially as and for the purpose set forth.

JAMES T. LAMBERT.

Witnesses:

H. F. EBERTS,

WM. SCULLY.