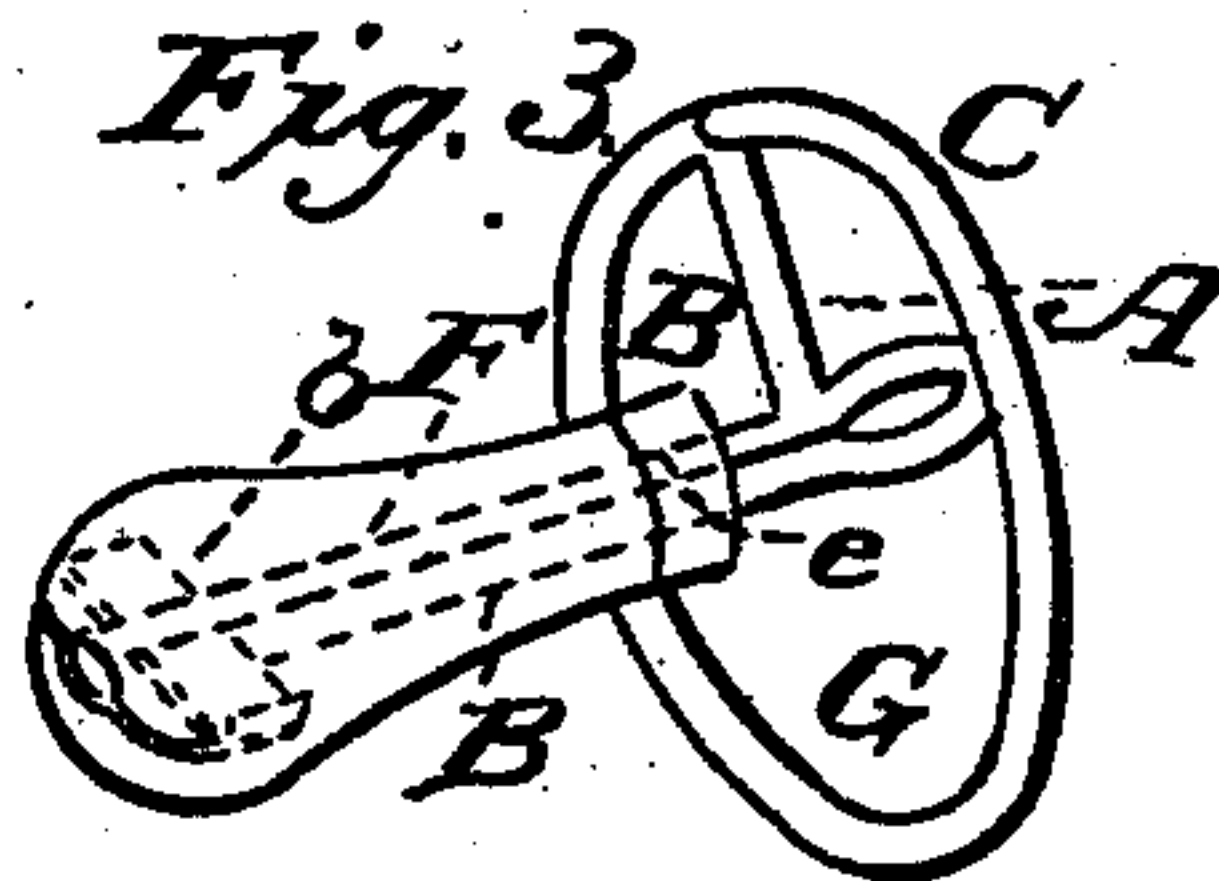
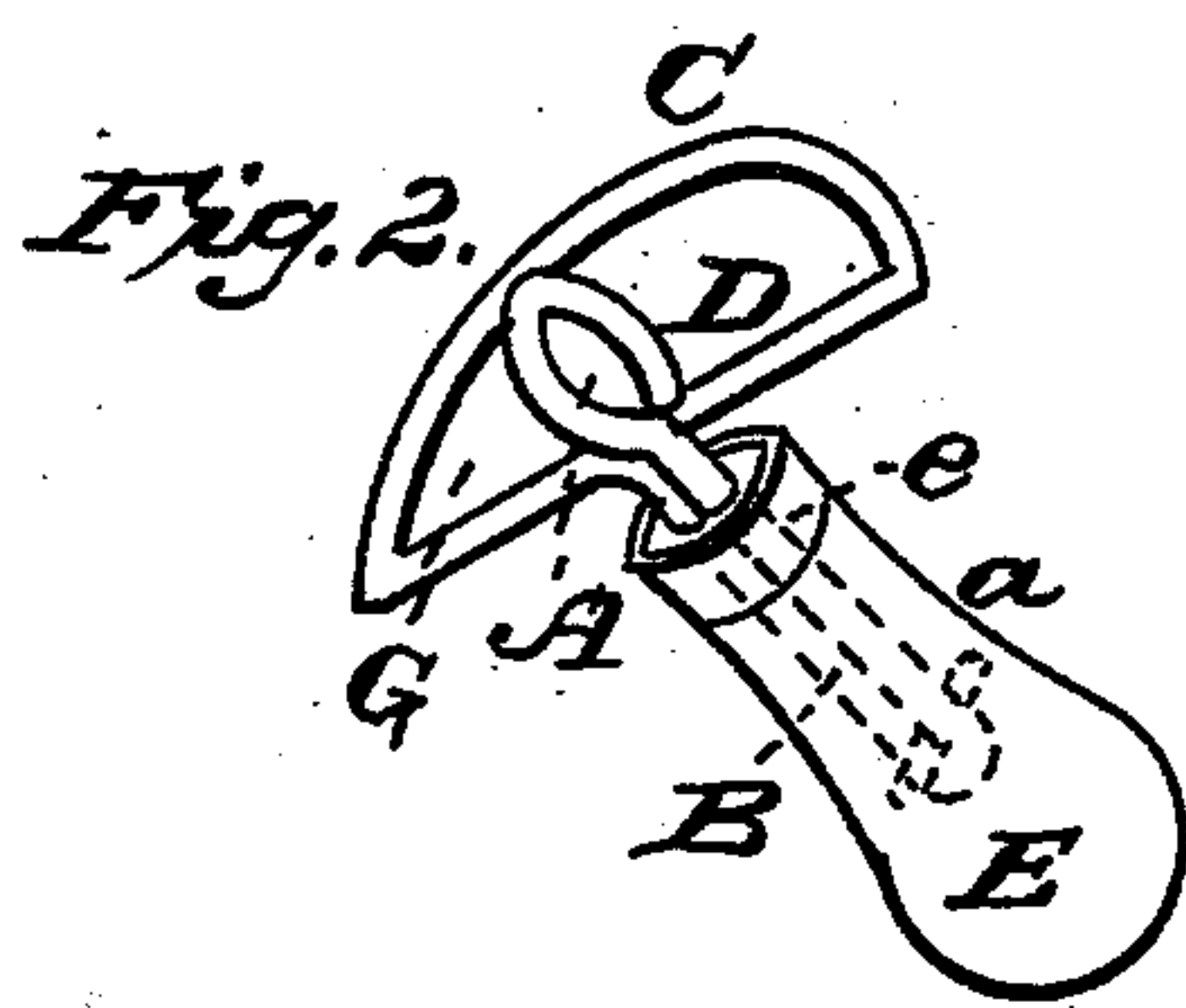
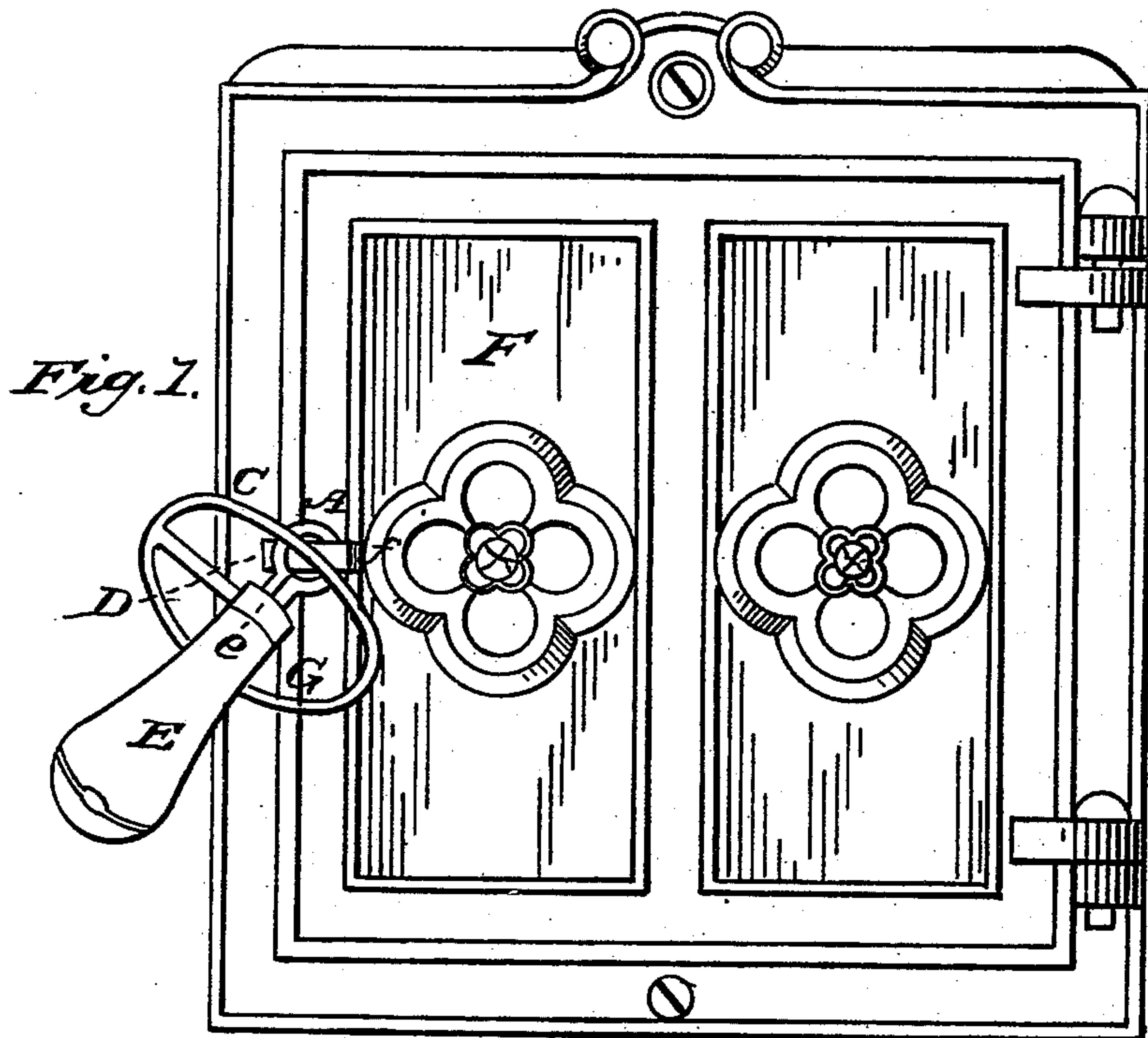


W. F. REDDING.
Stove-Door Handle.

No. 84,966.

Patented Dec. 15, 1868.



WITNESSES

L. Hailer.

P. J. Dodge.

INVENTOR:

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his attys

United States Patent Office.

WILLIAM F. REDDING, OF SARATOGA SPRINGS, NEW YORK.

Letters Patent No. 84,966, dated December 15, 1868.

STOVE-DOOR HANDLE.

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, WILLIAM F. REDDING, of Saratoga Springs, in the county of Saratoga, and State of New York, have invented certain new and useful Improvements in Stove-Door Handles; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to handles for stove-doors, and consists in bending a single piece of wire into a novel form, and attaching it in a peculiar manner to any suitable handle, and then connecting it with a stove-door, as hereinafter described.

In the drawings—

Figure 1 is a perspective view of one form of my handle, when connected to a stove-door;

Figure 2 is a perspective view of another form of the same, showing one method of connecting the bent wire to the handle; and

Figure 3 is a perspective view of my handle, showing another method of connecting the bent wire and handle.

The doors of stoves are usually provided with a small thumb-piece for raising them from a small catch, and then opening them. These thumb-pieces become heated, and then the doors can only be opened by using some suitable device or material to protect the hand.

The object of my invention is to produce a handle for attachment to stove-doors, by which they may be readily and conveniently opened, without danger of burning the hand.

In constructing my device, I take a piece of wire, G, of any suitable size and length, and form on one end an eye, A, and then, at any distance desired, I bend the wire short around and back to the eye again, leaving a small opening at the point of bending, and at the same time forming the shank B, as shown in red lines in figs. 2 and 3.

I then further bend the same wire at right angles to the plane of said eye, and then, at any desired dis-

tance from it, around in the form of a circle, C, as shown in figs. 1 and 3, or in the form of a semicircle, as shown in fig. 2, or through the distance of any arc of a circle desired.

It is obvious that, when a complete circle is made, the wire may end with the completion of the circle, but that when any part of a circle is made, the wire must be bent again, ending at the foot of the eye A, as shown in fig. 2.

To this wire handle D, I attach another handle, E, made of wood or other suitable material, by means of a pin, *a*, as shown in fig. 2, or of a flat key, *b*, made sufficiently long to pass through the shank B, and to have its ends turn over and form catches, C, which may be bent so as not only to grasp the handle, but to conform to its shape, as shown in fig. 3.

This handle, E, I also provide with a ferrule, *e*.

My device, thus constructed, I attach to a stove-door, F, by first making a suitable hole in the thumb-piece *f*, of the stove-door, and then bending the end of the wire, forming the eye A of the device, far enough to pass it through the hole in the thumb-piece *f*, and then returning it to its original position.

When thus attached, the circle C rests against the door, and holds the handle E away from it, as clearly shown in fig. 1, where it can be conveniently taken hold of without danger of burning the hand from the heat of the stove, and used to open and close the door. It serves as a fender to hold the handle E off from the stove, and also as a guard for the hand.

Having thus described my invention,

What I claim, is—

1. A handle, for attachment to stove-doors, consisting of the handle E, made of wood or other suitable non-conducting material, fastened upon the wire G, bent so as to form an eye, A, shank B, and guard and fender C, substantially as herein described.

2. Providing a stove-door handle with a curved guard and fender, C, substantially as herein described; and for the purpose set forth.

WILLIAM F. REDDING.

Witnesses:

L. VARNEY,
A. D. WAIT.