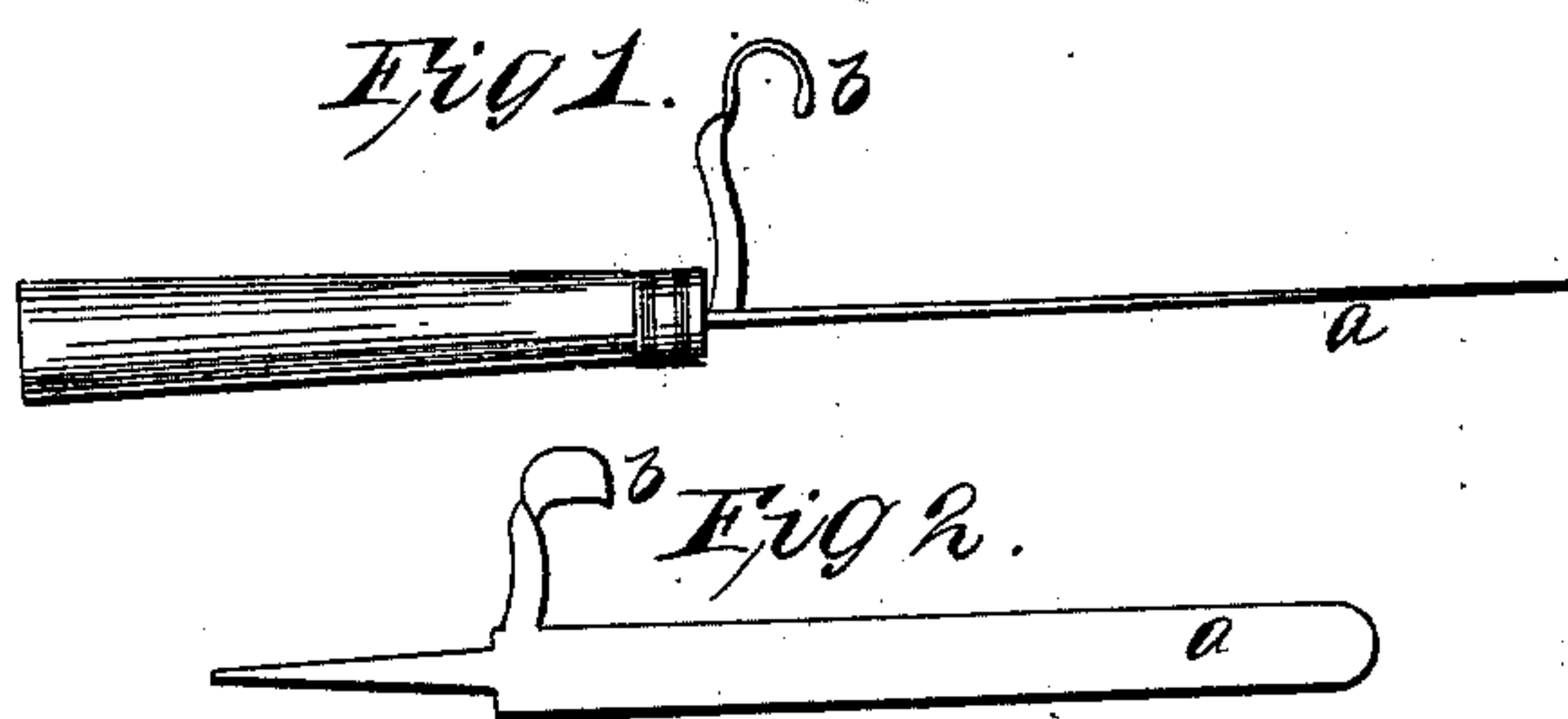


*M. M. Hatch,*

*Apple Corer.*

*N<sup>o</sup> 80,172.*

*Patented July 21, 1868.*



*Witnesses.*

*W. H. Clifford,*

*Henry C. Burston.*

*Inventor.*

*Moses M. Hatch*

# United States Patent Office.

MOSES M. HATCH, OF PORTLAND, MAINE.

*Letters Patent No. 80,172, dated July 21, 1868; antedated July 8, 1868.*

## IMPROVEMENT IN APPLE-CORER.

*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, MOSES M. HATCH, of Portland, in the county of Cumberland, and State of Maine, have invented a new and useful Improved Apple-Corer and Parer; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an edge view of the corer and parer.

Figure 2 is a side view of the same.

Same letters show like parts.

It is well known that, when apples have been pared and cut with the common knife, the operation of coring is attended with much difficulty and waste of the portions of the apple surrounding the core, which are not readily detached from it in the ordinary way. To obviate this difficulty, tin cylinders and other devices have been used; but these cause much loss of time, and, in fact, but poorly serve the purpose for which they are designed.

The object of my invention is to supply this want, and to furnish a rapid and simple method of paring apples, and removing their cores, without waste of the useful portions, and to avoid the inconvenience and delay which follow the use of more than one instrument.

To accomplish this, I attach to the back of an ordinary knife, such as is used for purposes of this kind, a corer, *b*. The knife is seen at *a*.

The corer is formed during manufacture of the knife, both being made from the same piece of metal, cast or wrought, as may be most convenient. This corer, which is shown in plan in fig. 2, is of scoop-shape, having one edge sharpened, and being of proper size for enclosing and cutting round the refuse parts of the core contained in a half apple. It is bent backward and outward, which prevents its interference with the process of paring or slicing, and is placed sufficiently distant from the knife-blade.

The operation of my invention will be readily understood. After the skin or peel of the apple has been removed, the apple is divided in the direction of its length, and as nearly through the centre of the core as possible. As the halves fall apart in the hand, a very slight motion of the wrist will bring the corer forward to its work, and, with a very little dexterity, it will perform its office in an extremely rapid, clean, and economical manner.

I do not, of course, claim the knife or its blade; neither do I claim an apple-parer; but a knife must be employed with my invention, either separate or connected therewith, for the purpose of dividing the apple before the core is extracted.

I do not claim a shoemaking paring-knife, having, in combination with the blade, a shield or cap, made by forming the cap with a straight shank, in order that it may rest upon the blade, and by inserting the end of the same into the socket by the side of the blade, in order to strengthen the blade, and to prevent cutting the upper leather, as set forth in the patent of Isaac S. Pendergast, July 16, 1841, No. 21,077.

This invention is different in form, purpose, construction, and operation, from mine. My invention consists in combining with a knife the device explained, for extracting the cores of apples.

What I claim as my invention, and desire to secure by Letters Patent, is—

The corer *b*, when attached to the knife *a*, substantially as and for the purposes set forth.

MOSES M. HATCH.

Witnesses:

W. H. CLIFFORD,

HENRY C. HOUSTON.