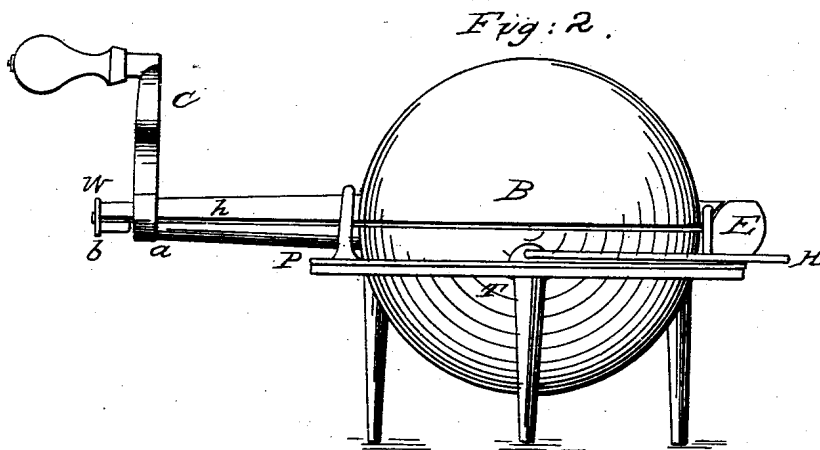
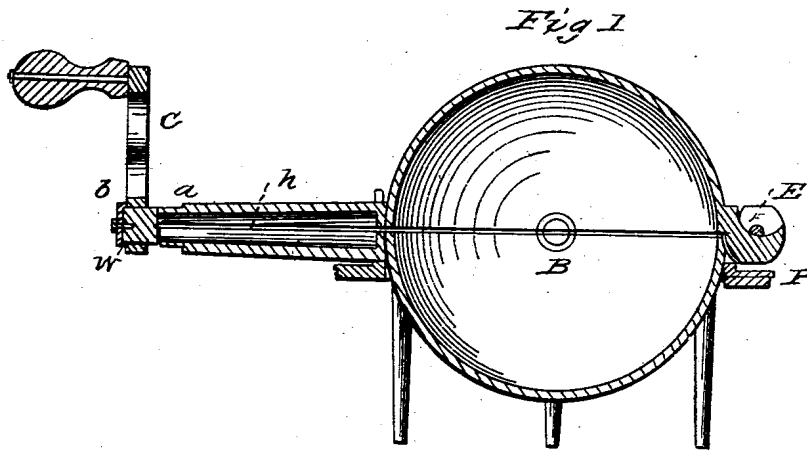


J. D. HARRINGTON.

Coffee Roaster.

No. 24,024.

Patented May 17, 1859.



Witnesses:

Wm. Blair
Wm. B. Blair

Inventor:

J. D. Harrington

UNITED STATES PATENT OFFICE.

JOSIAH D. HARRINGTON, OF ROCHESTER, NEW YORK.

MACHINE FOR ROASTING COFFEE.

Specification of Letters Patent No. 24,024, dated May 17, 1859.

To all whom it may concern:

Be it known that I, J. D. HARRINGTON, of the city of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Machines for Roasting Coffee; and I do hereby declare the following to be a full and accurate description of the same, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, same letters referring to like parts in both figures.

Of said drawings Figure 2 is a side elevation of my improved machine and Fig. 1 is a sectional elevation of the same—the plane of section being the same as the plane of Fig. 2.

The nature of this invention consists in so constructing the machine as to make it more convenient and efficient in practice, and to allow of the parts of which it is composed being made available for other purposes—a point of some importance on the score of economy especially in small families. To accomplish this the machine is constructed as follows:

B is a hollow divided ball having the projecting handle *h* (made hollow for sake of lightness) to which the crank C is attached. This ball rests in vertical bearings attached to a plate (P) which is designed to rest over the hole of a common cook stove when the machine is in use, and when removed from the stove (which may be done completely by means of the handle H which is made of wire) it is placed upon a trivet T, as seen in the drawing. This trivet is provided with feet of sufficient length to afford it a steady support and keep it out of contact with whatever may be beneath.

It will be observed in relation to the hollow ball B that the section of the handle attached to the lower half (referring to the

drawing) is shorter than that attached to the upper half. A portion of the whole handle is however made square, viz. from *a* to *b*, and upon this the crank C can be slipped backward and forward—being prevented from coming off entirely by means of the washer W. Hence by slipping the handle into the position shown in Fig. 2 the two halves of the ball are held securely together and may be then conveniently rotated by means of the crank. When however it is desired to expose the contents of the machine the crank C is slipped into the position shown in Fig. 1 when the upper half of the ball may be lifted up by the handle *h*. And as the joint at E is constructed simply of a cast iron pin passing through a slot in the jaw of the lower half of the ball into which slot the curved jaw of the upper half of the ball passes—going at the same time beneath the pin (R) as seen in Fig. 1—the upper half of the ball is easily removed and each half may then be used for other purposes.

Having thus described my invention what I claim therein as new and desire to secure by Letters Patent are—

1. The construction and arrangement of the divided handle *h* whereby the crank C not only serves to hold the two halves of the ball together while rotating but also to lift up one half of the ball when moved into the position shown in Fig. 1.

2. I claim my method of uniting the two halves of a coffee roaster by means of the hinge E formed of the curved jaw attached to one half of the ball and passing into a slot in the second jaw—said slot having the pin R beneath which the curved jaw passes.

JOSIAH D. HARRINGTON.

Witnesses:

JOHN PLIM,
WM. C. BLOSS.