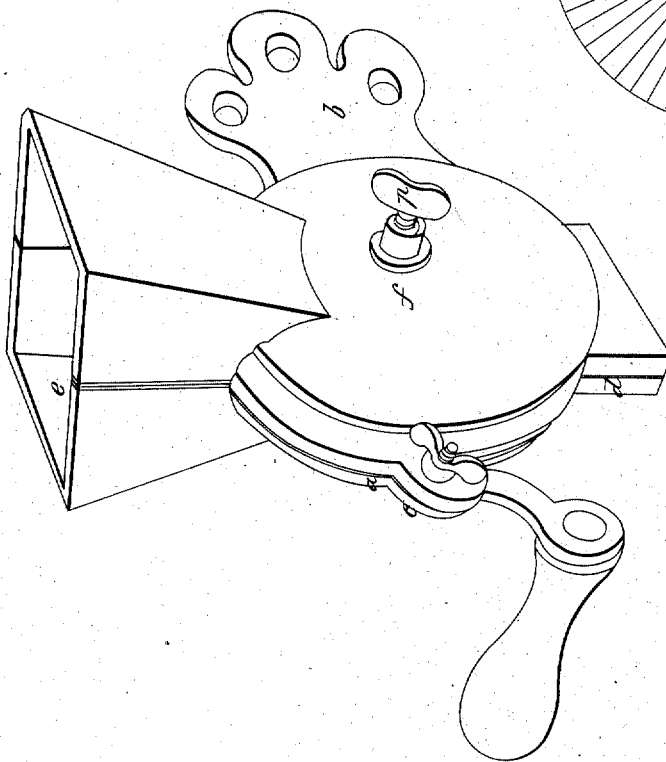
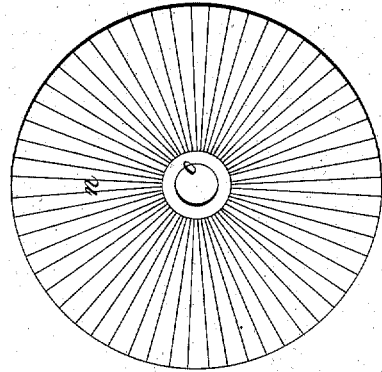
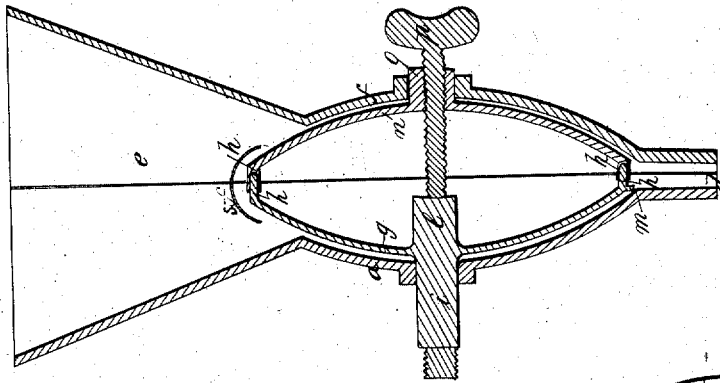


7130X

Parker & White

Coffee Mill.

Patented June 22, 1832.



7130X

June 22, 1832

Edmund Parker and Herman White's coffee and
Spice Patent

The Schedule referred to in their Spellers Patent and making part of the same containing a description in the words of the said Edmund Parker and Herman White themselves of their improvement in the Coffee & Spice Mill

To all to whom these Presents shall come

Be it known that we Edmund Parker and Herman White both of the County of New Haven and State of Connecticut, have invented a new and useful improvement in machinery for grinding coffee and pepper, spices of all kinds, &c. and that the following is a full and exact description of the construction and operation of the said machine as invented or improved by us

The above machine consists of two beds or shells and two runners all of cast iron or other suitable materials, and standing in a vertical position, as follows, to wit, the front bed or shell has projecting from its inner edge a flange or plate for screwing it to the wall, and from its outer edge an ear or small plate for screwing it to the back shell. On the lower edge is a projection forming, when connected ^{with} a similar projection on the back plate, a discharge pipe. On the upper edge rises half of the hopper, forming, when connected with the back bed, a hopper consisting of a square top, and four triangular sides. The inner cavity of the bed has flutes or teeth diverging from the centre in right lines, spirally, or otherwise, as may be convenient, and in the centre is a hole for the reception of a stem on the front runner. The back bed or shell is similar to the front bed, with this exception, to wit; it has no flange projecting from its inner edge, but instead thereof, it has two small ears or plates projecting from its outer and inner edges for the purpose of connecting it with the front bed. The back bed has a hole through its centre to receive a stem or screw in the back runner. There are two runners as before mentioned. The front runner has

Drawing

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floats or teeth cut from the center in straight lines, spirally, or otherwise, on a curved surface, agreeing in diameter and surface with the teeth on the bed. This runner has one or more teeth, each about one fourth of an inch in length projecting from its inner surface, near the periphery of the runner, and in order to operate upon a similar tooth or teeth projecting from the inner surface of the back runner, from the center of the inner surface of the front runner projects a stem half an inch or more in length for the purpose of receiving the end of the thumb screw from the back runner. From the center of the outer surface of the front runner projects a stem or shaft having its end properly squared to receive a crank. From the end this square projects a screw to receive a nut for fastening the crank. Near the outer edge of this runner are guard teeth, intended to keep the teeth of the runner and bed from wearing. The back runner is similar to the front runner with these exceptions, to wit, it has no stem projecting from the center of its inner surface, but a stem is projected from the center of its outer surface, having a hole through it cut with a thread thence, to receive the said thumb screw which regulates the grinding of the mill. This thumb screw when the mill is put in operation, is turned so as to press upon the end of the said stem projecting from the inner surface of the front runner. When thus screwed up, it throws the runners apart, and brings the grinding surfaces of the runners against the grinding surfaces of the shells. Near the lower part of the hopper and just above the opening between the two runners when put together, a small curved plate of iron or other material of width sufficient to cover the said opening, is inserted into notches in the sides of the hopper, to prevent the coffee &c, from passing whole into the opening. A crank of any convenient form is fitted to the stem on the front runner. The mill can be applied to a board and fastened by that to a wall or post, instead of fastening it by a flange. The machine thus constituted is in effect two mills combined. We claim as our invention or improvement, the peculiar combination and adjustment of the two runners as

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about described. and in the manner above specified, to produce the effect of grinding coffee and pepper, spices of all kinds, &c. &c.

Dated at Middle town the 31st day of May A. D. 1832.

Witness
Asa G. Dill
Jon^{as} Barnes

Edmund Parker
Hosman White

(812 1000)