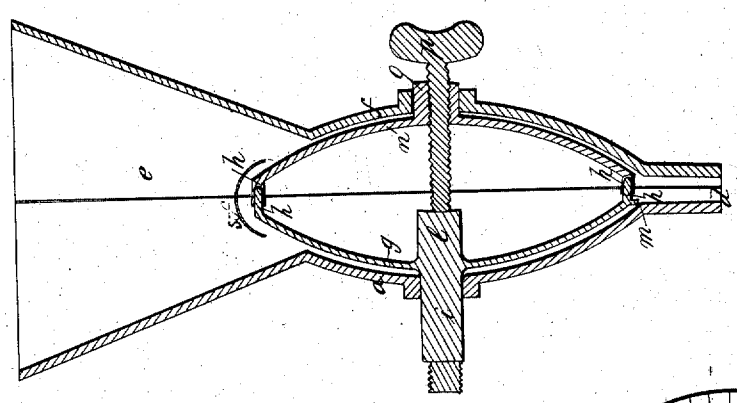
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is not to print.

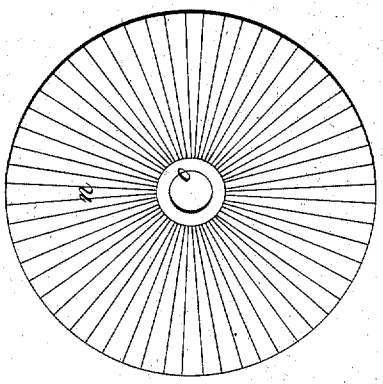
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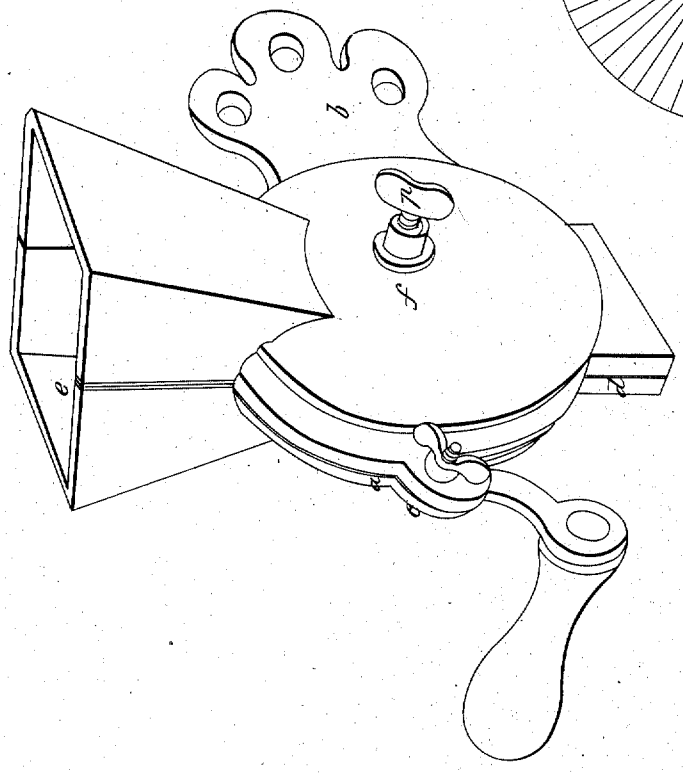
Parker & White

Coffee Mill.

Patented June 22. 1832.







7130X June 22, 1832

Edmund Parker and Hyman White's coffee mill
Letters Patent

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

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To all to whom these Presents shall come

Be it known that we Edmund Parker and Hyman White both of Hartford in 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 Machine consists of two bars 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 bar or shell has projected 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 edges a projection forming, when connected with a similar projection on the back plate, a discharge pipe. On the upper edge, near half of the projection, forming, when connected with the back bar, a hopper consisting of a square top, and four triangular sides. The inner cavity of the bar has floats 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 bar or shell is similar to the front bar, 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 bar. The back bar has a hole through its centre to receive a stem or screw on the back runner. There are two runners as before mentioned. The front runner has

Drawing

floats or teeth cut from the centre 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 centre 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 centre of the outer surface of the front runner projects a stem a shaft having it's end properly squared to receive a crank. From the end thus squared projects a screw to receive a nut for fastening the crank. Near the outer edge of this runner are grand teeth, included 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 centre of it's inner surface, but a stem is projected from the centre of it's outer surface, having a hole through it and with a thread thereon, to receive the said thumb screw which regulates the grinding of the mill. This thumb screw when the mill is put in operation, is screwed 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 fitted between the two runners when put together, a small curved plate of iron or other material of such thickness sufficient to cover the said opening, is inserted into notches in the sides of the hopper, to prevent the coffee &c, from passing wholly 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 band and fastened by that to a wall or post, instead of fastening it by a flange. The machine thus constructed 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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above described (and) in the manner above specifies, to produce the effect of grinding coffee and Pepper, spices of all kinds, &c &c.
Dated at Middletown the 31st day of May A.D. 1832.

Witnesses
Asa G. Bill
Jon.a Barnes

Edmund Parker
Herman White

812 (illegible)