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C. W. Peckham.

Coffee Mill.

Patented Apr. 13, 1836.

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Charles M. Peckham — New Haven, Connecticut.
Letters Patent Dated April 13th 1836.

The Schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Charles M. Peckham himself of his "Improvement in Coffee Mills."

To all to whom these presents shall come; Be it known that I, Charles M. Peckham, of New Haven, in the County of New Haven, in the State of Connecticut, a native citizen of the United States, have invented a new and useful improvement in the construction of Coffee Mills, which I call "Peckham's improved Coffee Mill" & that the following is a full and exact description thereof. My improved Coffee Mill may be made of cast iron, or of other suitable metal, & consists principally of the following parts, viz. a Runner, a front & rear shell, an axle or shaft, a regulator, & a winding crank. The runner is a flat wheel of hard metal, about three inches in diameter & three eighths of an inch thick with teeth formed on one side by ledges radiating from the center; Also having teeth on the outer edge or circumference of the runner. At the back of the runner & outside of the teeth is a guard to prevent the teeth of the runner coming in contact with the teeth of the front shell. The front shell covers the runner & has a lip around it as high as the thickness of the runner & is armed with opposing teeth on the inside of the lip corresponding with the teeth on the side of the runner, & also with teeth or ledges radiating horizontally from the top of the axle, of the runner as tangents & extending to & up the inside of the lip. These radiating ledges on the front shell extend from the mouth of the hopper to the discharging spout & the remaining surface of this shell is depressed as deep as the bottom of the ledges leaving a smooth surface without ledges excepting a guard ledge to guide the feeding from the hopper in the course of the runner & prevent clogging. To aid the feeding the ledges on the shell for about one inch from the mouth of the hopper are gradually sunk below and lessened, to give a more free entrance into the mill. The back shell is similar in shape to the front shell, but is not armed with teeth or ledges. On the corresponding sides of these shells are projections to form the hopper & discharging spout when put together, & cast to secure them by screws or rivets. The rear extends from the back plate or shell to secure the mill in its place. In the center of the front shell is a hole to receive the axle of the runner which may be cast so for

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connected with the runner. The axle extending in front is made square at the end to receive the winch, which is fastened by a nut on the end of the axle. The mill is regulated by a thumb screw at the back plate acting against the collet or washer.

For further illustration of my invention I refer to the model & drawings of the same deposited in the Patent Office.

I claim as my invention and improvement the peculiar construction of the grinding surfaces of the Mill. I also claim the Guard round the axle as above specified & therefore I solicit Letters Patent, according to law.

Dated at New Haven Sept. 29th 1835.

Witnesses
Wm. T. Peckham
George S. Mansfield

Charles W. Peckham

(612 words) Exd.

(Received & Recorded anew December 18. 1841.)

Drawing made