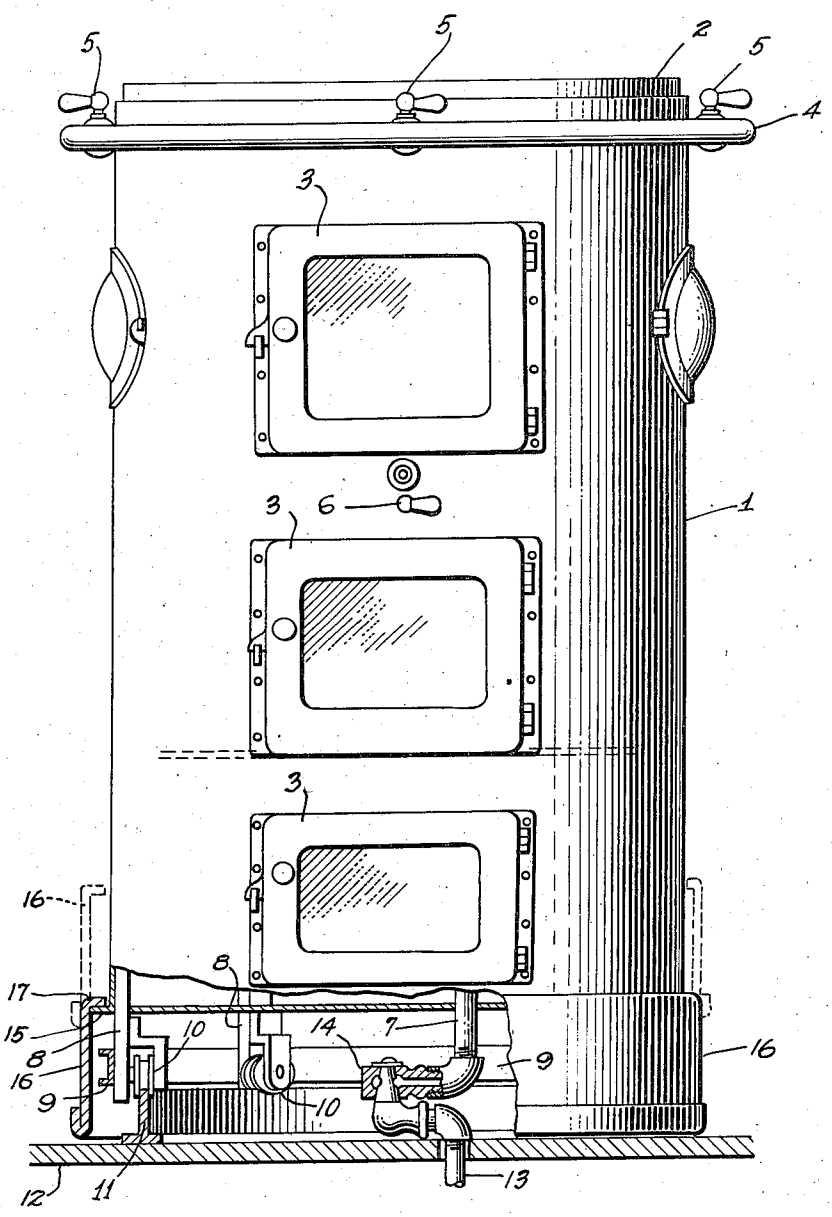
Dec. 27, 1938. C. EHRET 2,141,741

STOVE

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STOVE

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5 Claims. (Cl. 126—39)

This application is a division of my application, Serial No. 22,511, filed May 21, 1935, which has now matured into Patent No. 2,102,616, dated December 21, 1937, and in which I disclosed and claimed various forms of stove construction. The present application is directed to one of the species of stove construction therein embodied and comprises more particularly a stove wherein the entire stove body, including ovens, burners and the other essential parts, which ordinarily constitute a stove, are bodily mounted for rotation upon a track adapted to be fixed on a floor of a kitchen, so that the same may be revolved at the will of the operator to render it more convenient and accessible in the carrying out of its normal functions.

The stove of the present invention may utilize gas, electricity or oil as fuel and the invention includes means whereby such fuel may be fed to the stove uninterruptedly, and irrespective of the rotation thereof and in an entirely safe and efficient manner.

An important feature of the invention resides in the fact that the entire stove construction is rotatable upon a fixed track at floor level, the stove body being provided with a closure, preferably in the form of a skirt which, when lowered, will be positioned closely adjacent the floor to conceal, if desired, the track and the connections of the stove body therewith, but which closure or skirt may be elevated, when desired, into a position to expose the operating parts in a manner to permit of easy access thereto, should occasion require.

Features of the invention, other than those adverted to, will be apparent from the hereinafter detailed description and claims, when read in conjunction with the accompanying drawing.

The accompanying drawing illustrates one practical embodiment of the invention, but the construction therein shown is to be understood as illustrative, only, and not as defining the limits of the invention.

The drawing shows in side elevation a stove embodying the present invention with a portion thereof shown in section in the interest of clearness.

Referring to the drawing, 1 designates the stove body in which are housed any desired number of appropriate ovens surmounted by a stove top 2. The ovens have doors 3 which may be opened to gain access thereto. The stove top 2 may be of any appropriate form conventional to stoves, such, for example, as a plate having a number of pot holes therein or a spider adapted to support pots or other cooking utensils thereon. Beneath the top 2 are appropriate burners of conventional form and in any desired number, these burners being fed from a header 4 in the form of a tubular ring exteriorly on the stove body and provided with gas cocks 5 for controlling the flow of gas to the respective burners. Each oven is also provided with a burner which may be controlled by a gas cock 6 associated with one or more of them and gas is supplied to the cocks 5 and 6 from a pipe 7 rigid with the stove body and supported thereby.

Rigid with the stove body and depending therefrom are a plurality of brackets or bars 8 of which there may be any convenient number. These are stiffened by an annular ring 9 and each carries at its lower end an anti-friction roller 10 grooved to ride on an annular track 11 fixed firmly to the floor 12, so as to mount the entire stove body for rotary movement in the axis of the annular track 11.

Gas feed pipe 13 passes through the floor 12 and has a swivel joint connection 14 coaxial with the track 11, so that the pipe 7 may rotate about the fixed plug of the swivel joint to provide for an uninterrupted feed of gas to the cocks which control the burners. The swivel joint is offset laterally with respect to the pipes 7 and 13, so that the rotation of the stove will not tend to loosen any of the joints in the respective pipes.

The stove body 1 is provided at its base with an outwardly extending flange 15 embraced by a depending skirt 16, the upper end of which is turned in to form inturned flange 17 adapted to rest upon the flange 15 and support the weight of the skirt. The skirt is sufficiently deep to extend almost to the floor, but to leave sufficient clearance to permit of the rotation of the stove with its skirt 16, without causing friction between the skirt and the floor.

When the skirt is in the lowered position, shown in full lines in the drawing, it will completely cover and conceal the rotatable mounting of the stove body and preclude the entrance of dirt or extraneous matter thereunder. However, the skirt may be lifted into the dotted line position to gain access to these operating parts and the swivel connection 14 to permit lubrication or other attention thereto. In stoves which have a lower door as shown in the drawing, the flange 17 may be cut away in the vicinity of the door to clear the door when the skirt is elevated.

In the accompanying drawing, a stove utilizing gaseous fuel is shown, but it will be understood that other forms of fuel may be used in

which case appropriate feed connections therefor may be substituted for the swivel gas connection described.

The drawing also shows the stove body as circular, but the shape or design may of course be varied within wide limits depending upon the type of fuel used and also upon the tastes of different stove designers. The present invention is therefore to be understood as not limited to these details.

I may if I desire also use in conjunction with the stove hereinbefore described appropriate water connections and an appropriate outlet for waste products of combustion from the ovens as set forth in the parent application, and I have not considered it necessary to describe these features in this application.

The foregoing detailed description sets forth the invention in its preferred practical form, but the same is to be understood as fully commensurate with the appended claims.

Having thus fully described the invention, what I claim as new and desire to secure by Letters Patent is:

1. A stove comprising an annular stationary track mounted at substantially floor level, a stove body mounted to bodily rotate on said stationary track and having at least one oven, a pot supporting top, sources of heat supply for the oven and the stove top, all bodily rotatable with the stove body while the track remains stationary, and fuel feeding means including a rotatable connection to permit of rotation of the stove body without interfering with the continued feed of fuel.

2. A stove comprising an annular stationary track mounted at substantially floor level, a stove body spaced above the floor and mounted to bodily rotate on said stationary track and having at least one oven, a pot supporting top, sources of heat supply for the oven and the stove top, all bodily rotatable with the stove body while the track remains stationary, fuel feeding means including a rotatable connection to permit of rotation of the stove body without interfering with the continued feed of fuel, and a closure adapted to enclose the space between the stove body and the floor, said closure being operative to permit of access to the space between the floor and the bottom of the stove body.

3. A stove comprising an annular stationary track mounted at substantially floor level, a stove body spaced above the floor and mounted to bodily rotate on said stationary track and having at least one oven, a pot supporting top, sources of heat supply for the oven and the stove top, all bodily rotatable with the stove body while the track remains stationary, fuel feeding means including a rotatable connection to permit of rotation of the stove body without interfering with the continued feed of fuel, and a skirt adapted to substantially enclose the space between the bottom of the stove body and the floor, said skirt being liftable in a direction coaxially of the stove body to permit of access to the space between the bottom of the stove body and the floor.

4. A stove comprising an annular stationary track mounted at substantially floor level, a stove body mounted to bodily rotate on said track and spaced above the floor, and a skirt adapted to substantially enclose the space between the bottom of the stove body and the floor, said skirt being liftable in a direction coaxially of the stove body to permit of access to the space between the bottom of the stove body and the floor.

5. A stove comprising an annular stationary track mounted at substantially floor level, a stove body mounted to bodily rotate on said track and spaced above the floor, a skirt adapted to substantially enclose the space between the bottom of the stove body and the floor and provided with an inturned flange, and an outwardly extending flange adjacent the bottom of the stove body forming a seat for the inturned flange of the skirt to support the weight of the skirt while permitting elevation of the skirt to allow access to the space between the bottom of the stove body and the floor.

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