

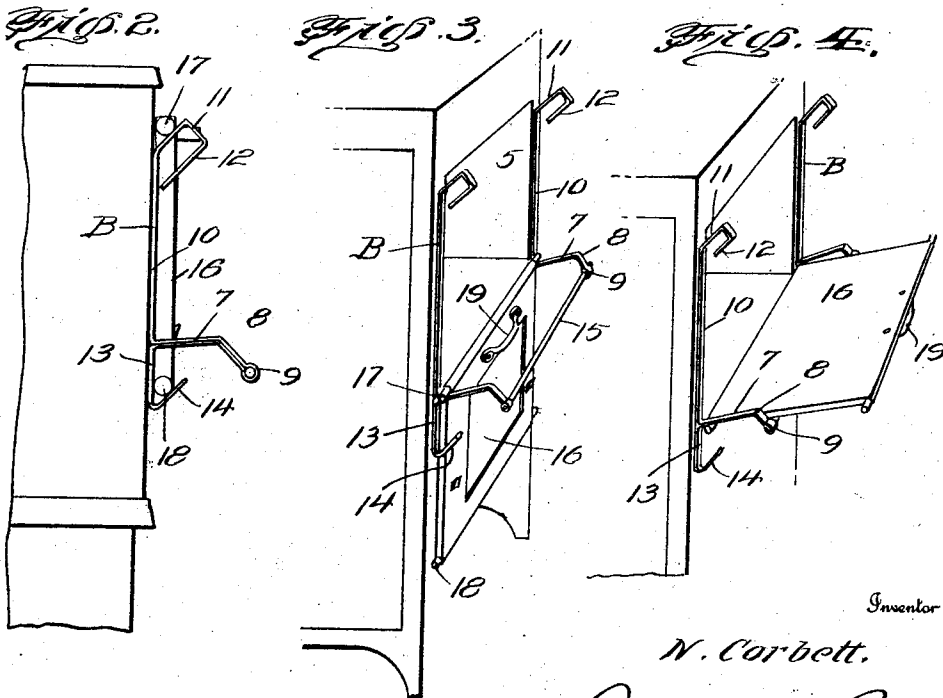
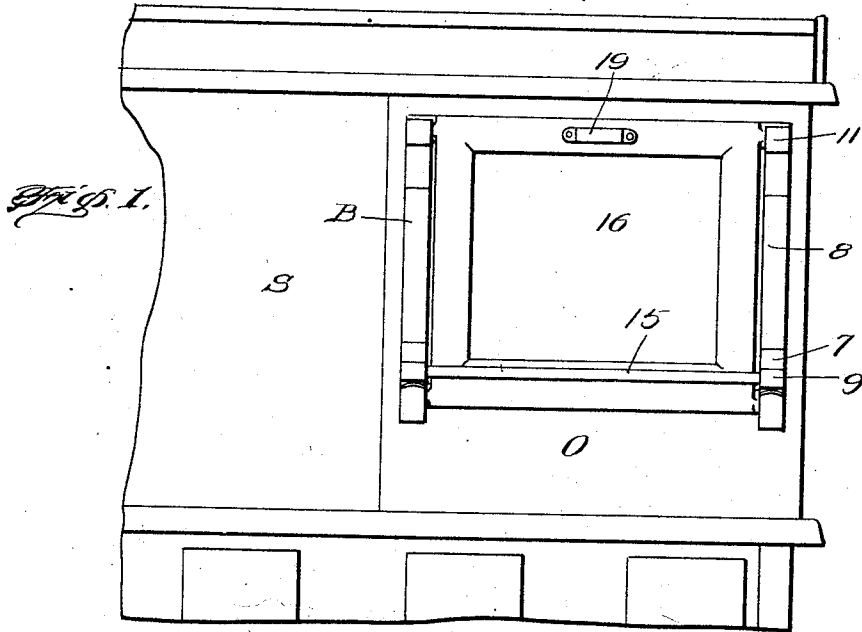
April 13, 1926.

1,580,288

N. CORBETT

SANITARY OVEN DOOR

Filed July 21, 1925



Inventor

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UNITED STATES PATENT OFFICE.

NELSON CORBETT, OF SEDRO WOOLLEY, WASHINGTON.

SANITARY OVEN DOOR.

Application filed July 21, 1925. Serial No. 45,046.

To all whom it may concern:

Be it known that I, NELSON CORBETT, a citizen of the United States, residing at Sedro Woolley, in the county of Skagit and State of Washington, have invented certain new and useful Improvements in a Sanitary Oven Door, of which the following is a specification.

The present invention relates to a sanitary oven door and aims to provide a device which is easy to keep clean because there are provided no places for the collection of secretions consequent to cooking as are provided with oven doors now in common use.

An important object of the invention is to provide a door which will be strong and durable since it does not use the springs, brackets, and catches which are so troublesome in the doors now in common use owing to the fact that they become easily broken. Furthermore, these hinges, brackets, and springs collect dust etc., and it is almost impossible to properly clean them.

A still further very important object of the invention is to provide an oven door of this nature which is exceedingly simple in its construction, one which is efficient and reliable in its operation, not likely to easily become out of order, and otherwise well adapted for the purpose for which it is designed.

With the above and numerous other objects in view, as will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawings:

Figure 1— is a fragmentary front elevation of a stove showing my improved oven door associated therewith.

Figure 2— is a side elevation thereof.

Figure 3— is a perspective view thereof showing the door in a fully opened position.

Figure 4— is a similar view showing the door open and extended.

Referring to the drawing in detail it will be seen that the stove is designated generally by the letter S and includes an oven portion O having the opening 5. Along the vertical sides of the opening 5 there is provided on the oven O, a pair of my improved brackets designated generally by the letters B. Each bracket B is formed from a single

strip of resilient material such as steel which is bent intermediate its ends to provide an arm 7 offset downwardly as at 8 and having its extremity in the form of a loop 9. The body portion 10 extends upwardly from the arm and terminates in an outwardly slanting portion 11 bent over upon itself as at 12. A portion 13 depends from the arm 7 and terminates in an upwardly extending hook portion 14.

A bar 15 has its ends fixed in the loops 9. The door 16 is provided with projections 17 at its upper corners and projections 18 at its lower corners. Adjacent the upper edge, on the outer surface, there is provided a handle 19. The door when closed, has its upper projections 17 resting on the extensions 11 and its lower projections 18 resting in the hook portions 14. To open the door, the handle 19 is grasped and the door is raised to clear the projections 17 of the extensions 11 and then the door may be lowered to the position shown in Figure 3, when the projection 17 will rest on the arms 7. If it is desired to extend the door to the position shown in Figure 4 in order that a baking pan or the like can be rested thereon, the projections 18 are placed in engagement with the under sides of the arms 7 while an intermediate portion of the door rests on the bar 15.

It is thought that the construction, operation and advantages of this invention will now be clearly understood without a more detailed description. The present embodiment of the invention has been described in detail merely by way of example, since in actual practice it attains the features of advantages enumerated as desirable in the statement of the invention and the above description. It will be apparent however, that numerous changes in the details of construction, in the materials, in the sizes, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention what I claim as new is:

1. In combination, a stove provided with an opening, a door associated with the opening, brackets associated with the stove and provided with upper and lower hook portions, and intermediately disposed arms, and a bar attached to the ends of said arms,

said door being provided with projections engageable with said hook portions.

2. In combination, a door provided with projections at its upper corners and projections at its lower corners, a pair of brackets disposed in parallelism, each bracket
5 formed from a single sheet of material bent over upon itself intermediate its ends to form arms terminating in loops, a portion
10 projecting upwardly from the arms and ter-

minating in an outwardly disposed extension for receiving the upper projections of the door, and a portion extending downwardly from the arms and terminating in hooks to receive the lower projections of the
15 doors, and a bar having its ends disposed in the loops on the ends of the arms.

In testimony whereof I affix my signature.

NELSON CORBETT.