No. 852,116. PATENTED APR. 30, 1907.

L. J. HERRICK.

STOVE COVER OR MAT.

APPLICATION FILED SEPT. 30, 1905.

Fig. 1.

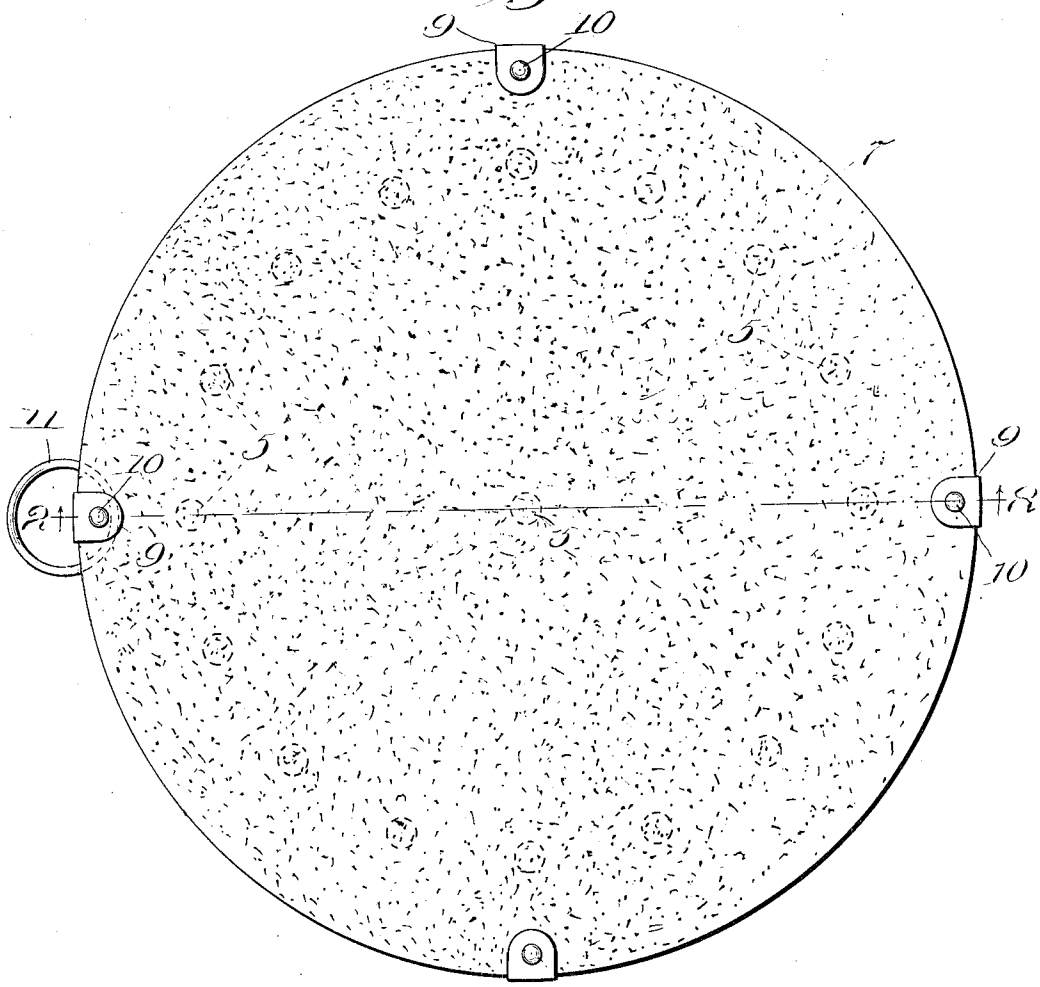
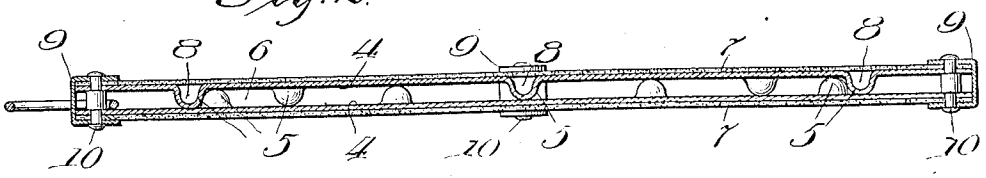


Fig. 2.



Witnesses:
W. S. Gaither
A. C. Peters.

Inventor:
Lily J. Herrick.
by Clarence W. Taylor
Attorney

UNITED STATES PATENT OFFICE.

LILY J. HERRICK, OF CHICAGO, ILLINOIS.

STOVE COVER OR MAT.

No. 852,116. Specification of Letters Patent. Patented April 30, 1907.

Application filed September 30, 1905. Serial No. 280,734.

To all whom it may concern:

Be it known that I, LILY J. HERRICK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stove Covers or Mats, of which the following is a specification.

My invention relates to improvement in stove covers or mats, and the objects of my improvements are, first, to provide a stove cover or mat with means for maintaining an air passage between the top and bottom of such cover; and, second, to provide a cover with heat resisting material, such as asbestos, on the upper and lower surfaces of the same; and to this end the novelty of my invention resides in the construction, combination and arrangement of parts as will be hereinafter more fully described and pointed out in the claims.

In describing the invention in detail reference is had to the accompanying drawings forming a part of this specification, wherein like numerals of reference indicate corresponding parts throughout the several views and in which

Figure 1 is a top plan view, and Fig. 2 is a section on line 2—2 of Fig. 1.

Referring to the drawings by reference numerals, 4, 4 denote plates or disks of suitable material with raised portions 5 in their adjacent faces. These raised portions may be in one plate only or in both, the function performed is the same. The plates may be of any suitable material, such as iron, tin or aluminium, and the raised portions on the adjacent face or faces may be made by the use of a die and of any desired size, form or number, their function being to maintain an air space between said plates which air space should be from one-eighth to one-fourth of an inch between the body portions of the plates. I have shown a number of points or raised portions 5 in each plate contacting with the inner surface of the opposite plate. Mounted upon the outer surface of each metal plate is a sheet or covering 7 corresponding in size, but made of heat-resisting material, such as asbestos. The sole purpose of this heat-resisting material is to protect the thin metal plates from the intense heat of the flame and not in any sense does it act as a non-conductor of heat to avoid scorching or over heating of food. It will be noted the metal plates are, by the raised portions in their adjacent surfaces, held sufficiently apart to permit a free circulation of air between the plates and above the stove or heating means to prevent over heating of food in cooking.

Reference numeral 8 denotes the hollow or depressed portion consequent upon portion 5 in the surface of each plate. When the plates of metal and the sheet or covering 7 are assembled in normal relation they may be bound together by any suitable means, such as a strap 9 and riveted as at 10.

Numeral 11 denotes a ring for handling or hanging up the device when not in use.

From the foregoing construction it will be evident that when this cover is placed over the fire or source of heat for cooking or heating purposes and the cooking utensil set upon the cover at once there will be started a circulation of air between the two metal plates, and it will be impossible to burn any portion of the contents of the cooking utensil. It will be apparent there are other uses for this invention in the household.

I do not claim broadly asbestos as a covering for stove lids, covers or mats. My invention consists of two pieces of metal, preferably aluminium, each metal plate being covered on one side with a sheet of non-combustible or fire-proof material, such as asbestos, and these metal plates or disks assembled with their uncovered surfaces adjacent to each other, and means adapted to hold such metal plates sufficiently apart to permit the circulation of air therebetween, and suitable means for holding such plates and sheets together.

The invention is intended largely for use on gas stoves between the flame and the cooking utensil.

It is thought that the many advantages resulting from this construction according to the foregoing specification, taken in connection with the accompanying drawings, will be readily understood, and it will also be noted that minor changes may be made in the details of construction without departing from the spirit and scope of my invention.

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

In a stove mat, the combination of two thin imperforate metal plates having raised separating portions in the adjacent surfaces thereof adapted to hold the plates sufficiently

apart to permit a free circulation of air therebetween and above the stove or heating means, each plate being covered on its outer surface with a sheet of fire-proof material, and means suitable for holding the plates and the sheets together, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

LILY J. HERRICK.

Witnesses:
ARNOLD C. PETERS,
ALBERT MILLER.