

No. 768,899.

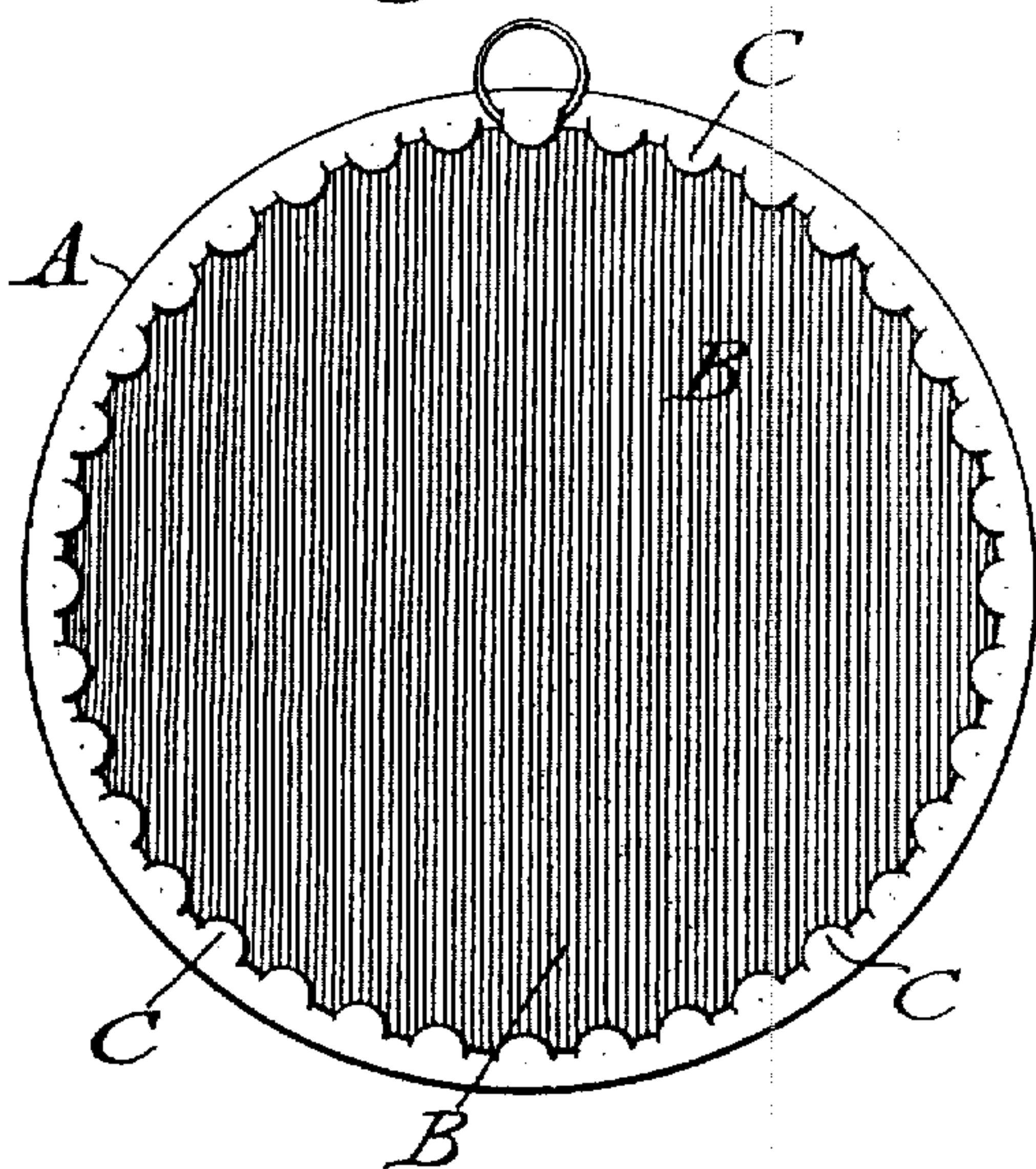
PATENTED AUG. 30, 1904.

Z. T. HALL.  
STOVE MAT.

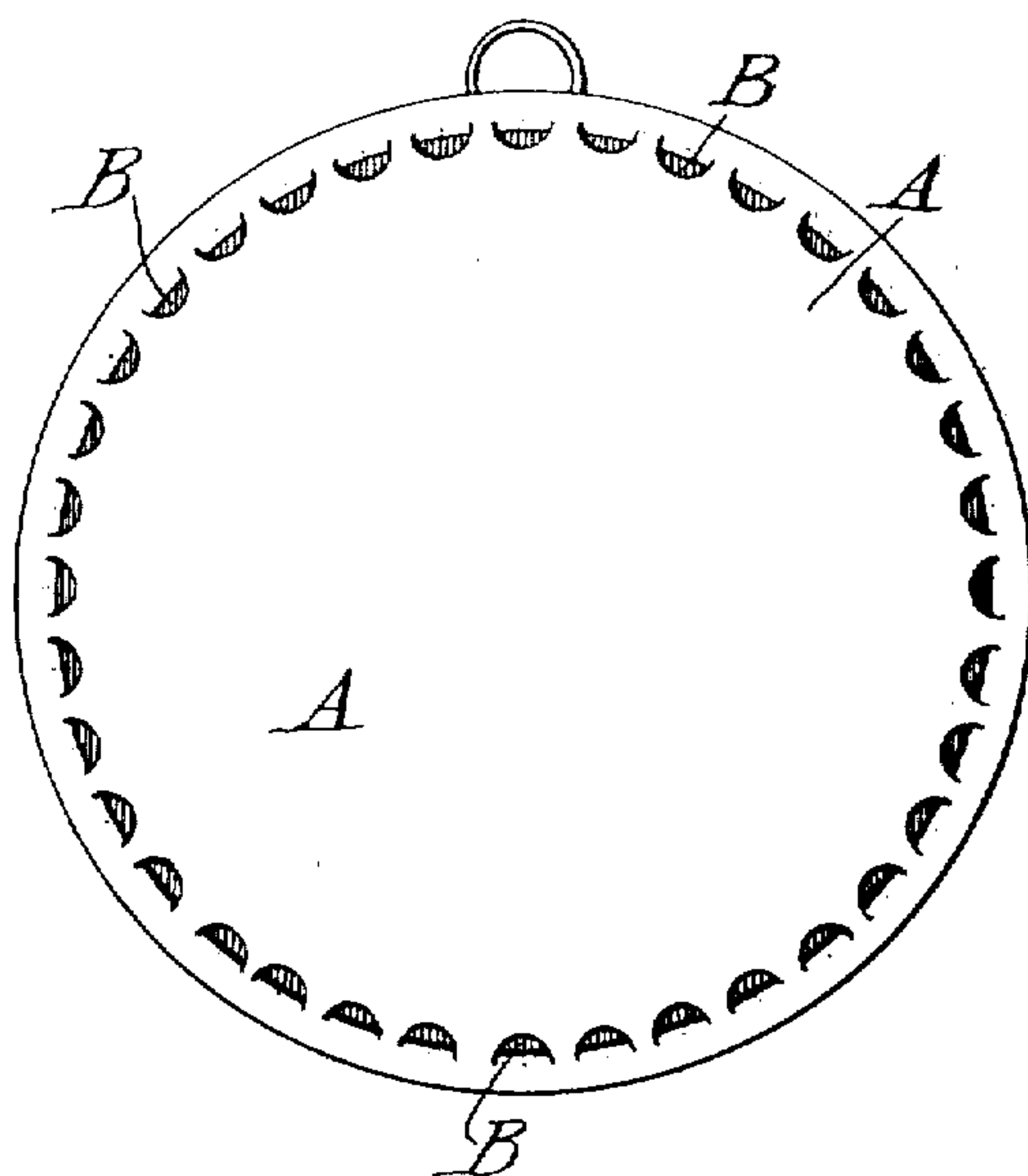
APPLICATION FILED JAN. 23, 1904.

NO MODEL.

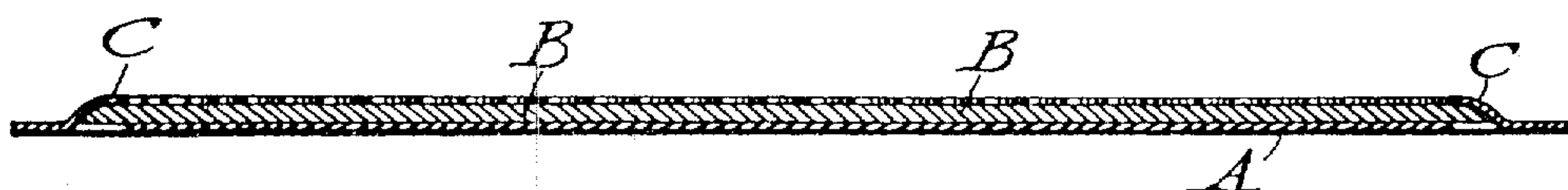
*Fig. 1.*



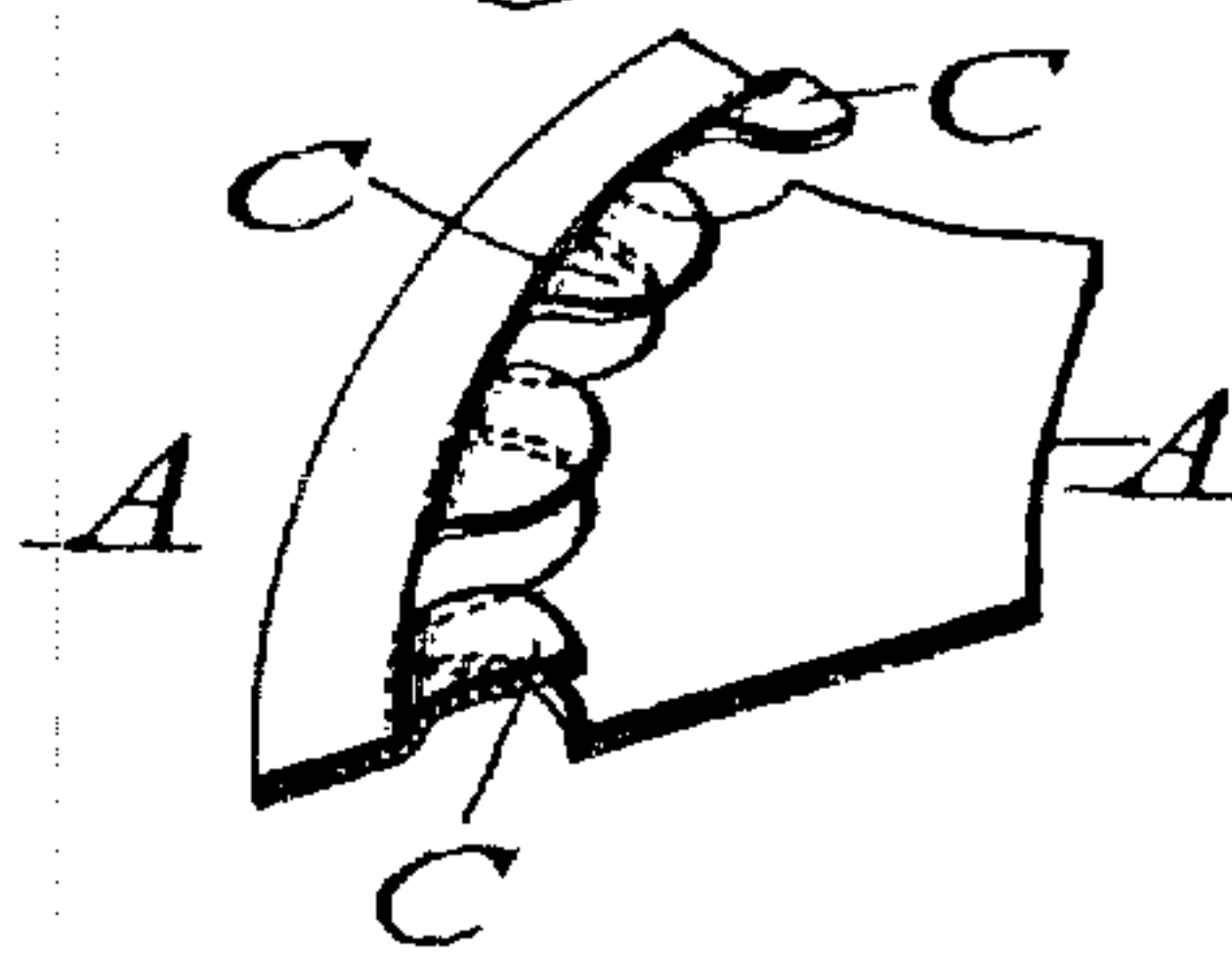
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ZACHARY T. HALL, OF RIDLEY PARK, PENNSYLVANIA.

## STOVE-MAT.

SPECIFICATION forming part of Letters Patent No. 768,899, dated August 30, 1904.

Application filed January 23, 1904. Serial No. 190,275. (No model.)

*To all whom it may concern:*

Be it known that I, ZACHARY T. HALL, a citizen of the United States, residing at Ridley Park, in the county of Delaware, State of Pennsylvania, have invented a new and useful Improvement in Stove-Mats, of which the following is a specification.

My invention consists of an improvement in a fire or stove mat adapted to be placed on a stove, range, &c., and transmit heat to a vessel, food, &c., placed on the mat without scorching or burning the same, said improvement embodying pieces of metal, such as sheet-steel, and fireproof material, such as asbestos, and novel means for connecting said pieces, as will be hereinafter set forth, and pointed out in the claim.

Figures 1 and 2 represent plan views of opposite faces of a fire or stove mat embodying my invention. Fig. 3 represents a diametrical section thereof, on an enlarged scale. Fig. 4 represents a perspective view of a detached portion.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a plate of metal, such as steel, and B designates a sheet of asbestos or other non-combustible or fireproof material, the same being placed together back to back, so that such plate and sheet appear on opposite sides of the mat as the different faces thereof. In order to connect said plate and sheet, the latter being of less diameter than the former, I employ the inwardly-extending lips C, which are punched out of the plate near its peripheral rim or edge and embrace the peripheral edge of the sheet B and are pressed against the face of the sheet within said edge or rim, thus interlocking the plate and sheet entirely around

the mat within the peripheral rim without separate fastenings as such, so that said plate and sheet are prevented from spreading apart or bulging at their peripheries, while the latter is permitted to expand uniformly at its peripheral portion within said rim, and thus the body of the plate is prevented from buckling, while also leaving the face of the metal plate A comparatively flat throughout from center to the extreme peripheral edge, in which condition it will rest upon a stove, range, &c., and be highly heated thereby, the heat being communicated to the asbestos sheet, which while being on top and of a heat-transmitting nature is fireproof and will not scorch or burn the contents of a vessel, article of food, &c., placed thereon. Of course, if desired, the asbestos sheet may be below, and rest upon the stove, range, &c., producing similar results as above.

Various changes may be made in the details of construction shown without departing from the general spirit of my invention, and I do not, therefore, desire to be limited in each case to the same.

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

A stove-mat comprising a plate of metal and a sheet of fireproof material, said plate and sheet forming opposite faces of the mat, said plate being provided with inwardly-extending lips punched therefrom near its peripheral edge and adapted to embrace the peripheral edge of the sheet.

ZACHARY T. HALL.

Witnesses:

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