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W. REID.

FOOT REST FOR STOVES.

APPLICATION FILED AUG. 11, 1905.

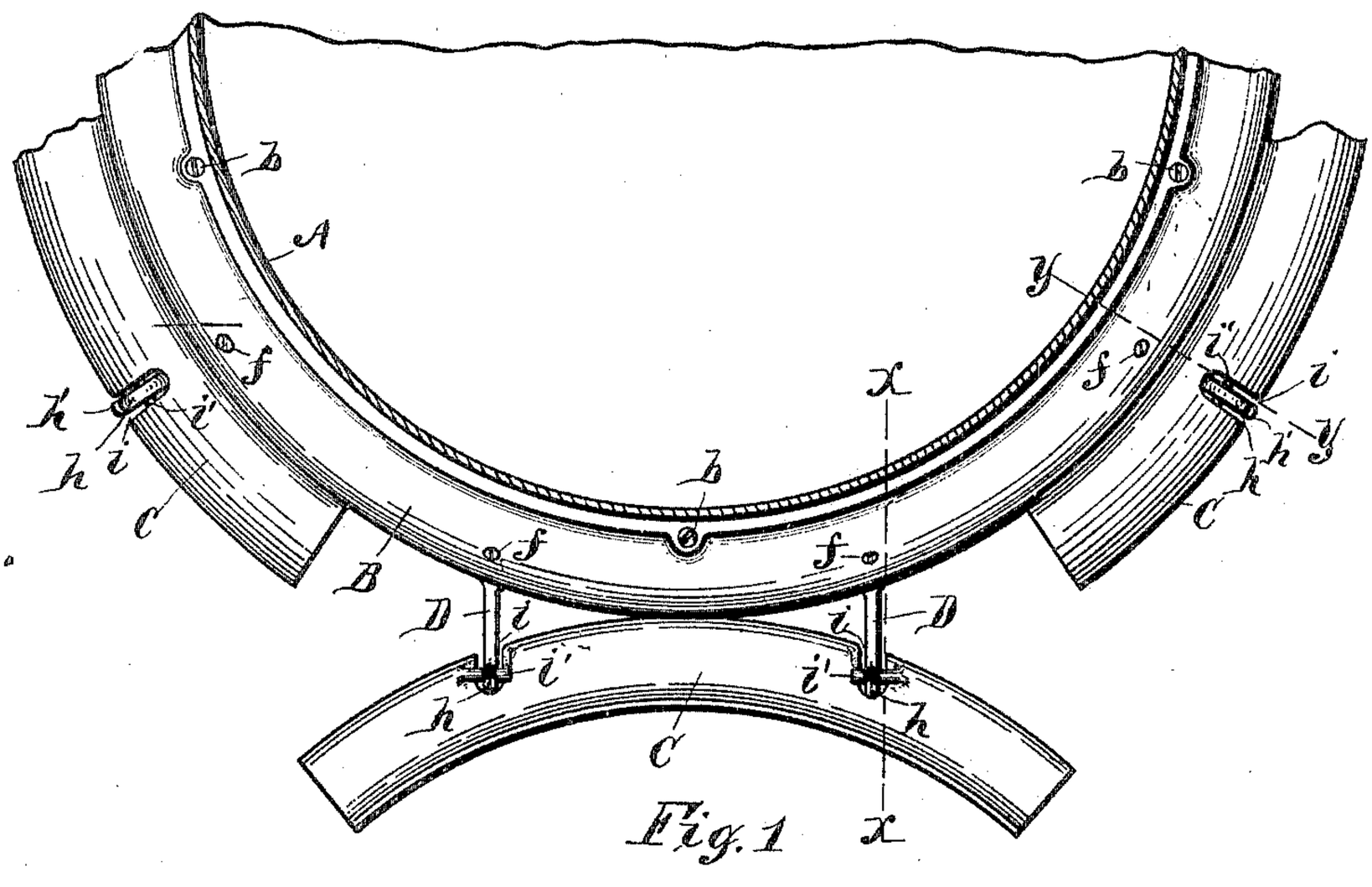

Fig. 1

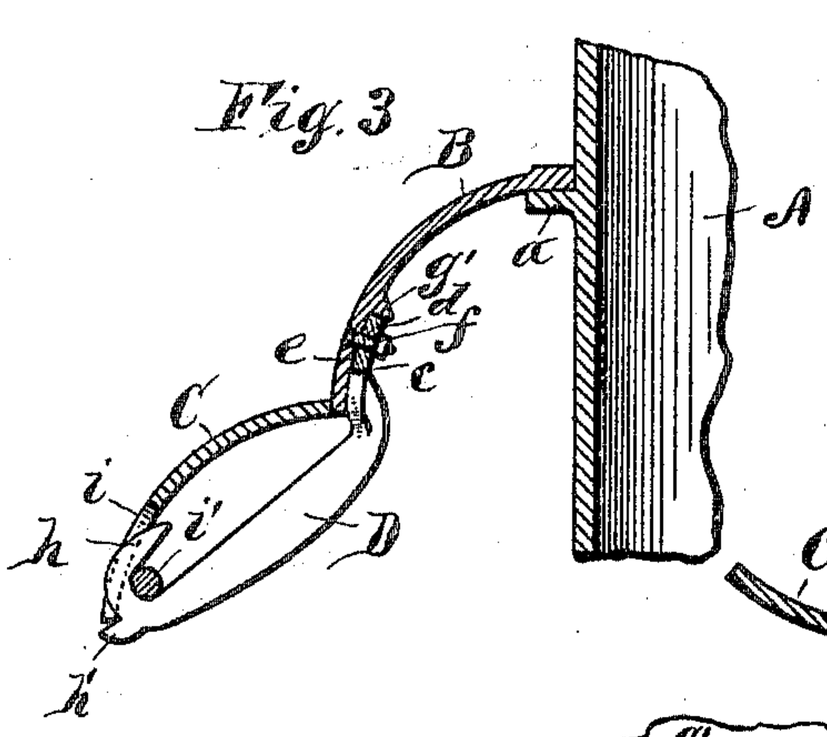

Fig. 3

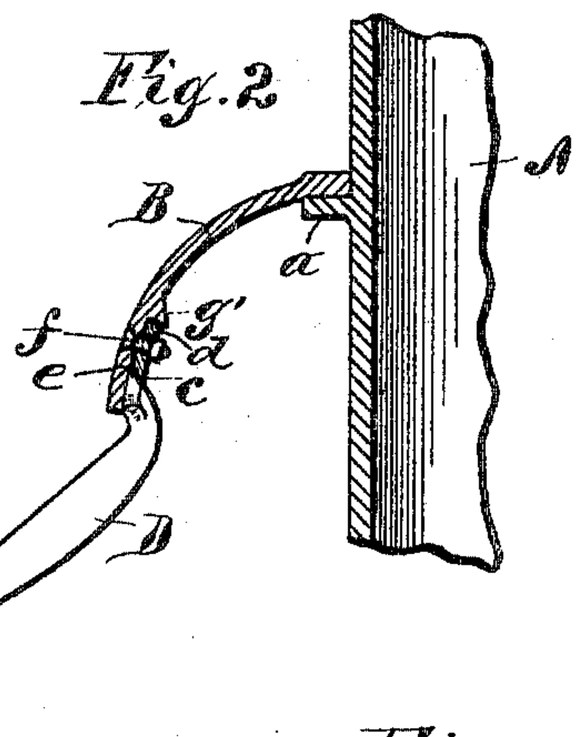

Fig. 2

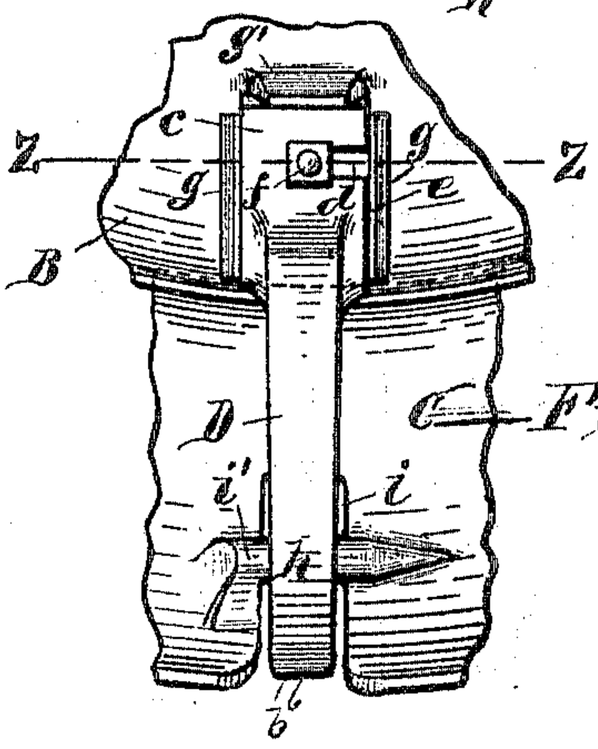

Fig. 4

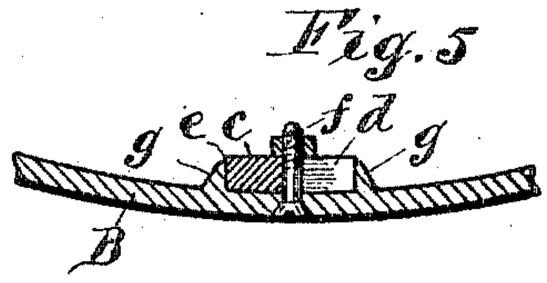

Fig. 5

WITNESSES:

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## FOOT-REST FOR STOVES.

No. 817,447. Specification of Letters Patent. Patented April 10, 1906.

Application filed August 11, 1905. Serial No. 273,743.

*To all whom it may concern:*

Be it known that I, WILLIAM REID, a citizen of the United States, and a resident of Geneva, in the county of Ontario, in the State of New York, have invented new and useful Improvements in Foot-Rests for Stoves, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to stoves of that style which are provided with a flange or ledge usually surrounding the fire-pot for the purpose of imparting ornamental effect to the stove. It is well known that heretofore it has been a common practice of persons desiring to warm or dry the feet to utilize this flange or ledge as a foot rest or support. This ledge usually consists of an outwardly-curved plate formed in sections secured directly to the fire-pot and provided with a highly-polished nickel-plated exterior surface, and in some instances otherwise ornamented. The ledge is not adapted for use as a foot-rest, owing to the tendency of the foot to slip off from the same, and thereby cause the polished surface to be marred, and thus impair the ornamental appearance of the stove, and in view of the fact that this ledge is liable to become heated to a great degree by reason of its direct contact with the fire-pot there is danger of burning the foot or shoe resting on said ledge.

The purpose of this invention is to provide a combined foot-rest and guard which can be readily applied to a stove of any construction or design and which shall effectually guard against the aforesaid misuse of the ledge, and also to produce a device which shall be very efficient and convenient in its use and inexpensive to manufacture, and at the same time shall be capable of being folded compactly and in a neat-appearing position around the stationary ledge.

To that end the invention consists in the novel construction and arrangement of the component parts of the combined foot-rest and guard, as hereinafter fully described, and set forth in the claims.

In the accompanying drawings, Figure 1 is a plan view of a portion of the stationary ledge projecting from the fire-pot of a stove and equipped with the combined foot-rest and guard embodying my invention and showing one of the foot-rest plates in position for use. Figs. 2 and 3 are enlarged transverse sections taken on the dotted lines X X and Y Y, respectively, in Fig. 1. Fig. 4 is an enlarged inverted plan view of the connection of the foot-rest to the ledge, and Fig. 5 is a horizontal section taken on the dotted line Z Z in Fig. 4.

Referring to the said drawings, A denotes a cylindrical fire-pot of a stove, which is formed with an external circumferential rib or shoulder *a*.

B denotes the usual ornamental ledge, which in this instance is of the form of a sectional metallic ring concavo-convex in cross-section and which embraces the fire-pot and is secured upon the rib or shoulder *a* by means of bolts *b b* in the well-known manner.

The foot-rest is composed of a series of segmental plates C C, pivotally supported on the ledge B and connected therewith when the plates are in their normal position. Each of said plates is adapted to be tilted independently of the others to a position to afford a support for a person's foot, as shown in Figs. 1 and 2 of the drawings. The plates or sections are shaped concavo-convex in cross-section and are normally disposed to present their convex surfaces upward to present the appearance of an extension of the ledge B. These plates C C may be connected to the said ledge in any suitable manner. However, I prefer to employ a pair of parallel arms D D for supporting each section. Each of said arms extends outward and downwardly from the lower edge of the ledge B and is formed at its inner end with a projecting lip *c*. This lip is provided with an opening *d* and is seated in a pocket *e*, provided in the ledge, and through said opening and a corresponding aperture in the ledge passes a bolt *f*. The said pocket *e* is preferably formed by providing the inner face of said ledge with two short parallel transverse ribs *g g* and a longitudinal rib *g'*, disposed between the upper ends of the ribs *g g*, as clearly shown in Figs. 4 and 5 of the drawings. The opening *d* in the lip is preferably of the form of a transverse slot extending through one of the side edges of the lip, so as to facilitate the attachment of the arm and permit the same to be readily detached when required by merely loosening the nut of said bolt *f*. The outer or lower end of each arm is formed with an upwardly-projecting hook *h* and with a shoulder *h'* in front of and below the hook.

Each of the plates C C is provided with a pair of parallel slots *i i*, extending through its lower edge to receive the hooks *h h* of the

arms, and is formed on the concave face with two bars $i'$ $i'$, extending across the slots $i$ $i$ and disposed in line with each other and at right angles to the brackets. These bars $i'$ $i'$ are round in cross-section and pivotally engage the aforesaid hooks $h$ $h$.

When the plates C C are in normal position, they lie with their inner edges snugly on the exterior of the ledge B adjacent to the bottom or outer edge thereof, as shown in Fig. 3. When it is desired to use one of said plates for a foot-rest, the plate is readily tilted into an inverted position by the person's foot pressing on top of the plate below its pivot, whereby the same is tilted outwardly and caused to rest upon the aforesaid shoulder $h'$, as shown in Fig. 2. It will be observed that when the plate C is in the latter position it presents its concave face on top, and thus affords a convenient and comfortable support for a person's foot and at the same time protects the ornamental convex surface of the plate C. It will be seen that the plate can be readily returned to its normal position when it is not in use. It will also be seen that a plate or section can be easily and conveniently detached from its supporting-arms and replaced thereon when desired owing to the hooked connection of the parts.

I do not limit myself to the application of my foot-rest to a stove having a cylindrical fire-pot, as described and shown, inasmuch as it may be used in connection with a fire-pot of any shape by constructing the sections or plates in accordance therewith.

What I claim as my invention is—

1. The combination, with a stove provided with a stationary ledge, of stationary arms projecting outward from said ledge and provided with shoulders on their free ends, and a foot-resting plate hinged at one of its edges on the free ends of said arms and supported in its projecting position on said shoulders, said plate being foldable over the arms and of a width to rest when folded with its free edge on the aforesaid ledge as set forth and shown.

2. The combination, with a stove provided with a stationary ledge, of stationary arms projecting outward from said ledge and terminating in upwardly-projecting hooks and shoulders below said hooks, and a foot-resting plate provided with slots for reception of said hooks and with fixed bars engaging the hooks, said plate being supported in its projecting position on the shoulders and foldable over the arms and of a width to rest when folded with its free edge on the aforesaid ledge as set forth and shown.

3. A stove provided with a circular fire-pot and an annular ledge surrounding the fire-pot, stationary arms projecting outward from the ledge and provided with shoulders on their free ends, segmental foot-resting plates hinged near their outer peripheral edge to the free ends of the arms and supported in their projecting position on the aforesaid shoulders, said plates being foldable over the arms and resting when folded with their free edges on the ledge and concentric therewith as set forth and shown.

4. The combination, with a stove having a stationary ledge on its exterior, of arms detachably secured to said ledge and projecting outward therefrom and terminating in upwardly-projecting hooks and shoulders below the said hooks, and a foot-resting plate hung at one of its edges removably on the hooks and supported in its projecting position on the shoulders and foldable over the arms and to position to rest with its free edge on the exterior of the bottom portion of the ledge substantially as set forth and shown.

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