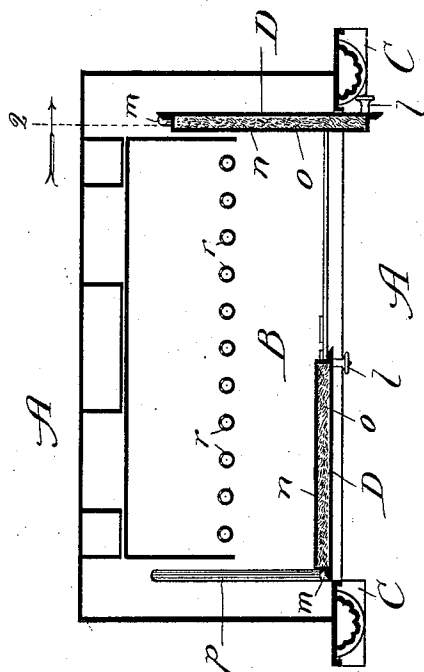
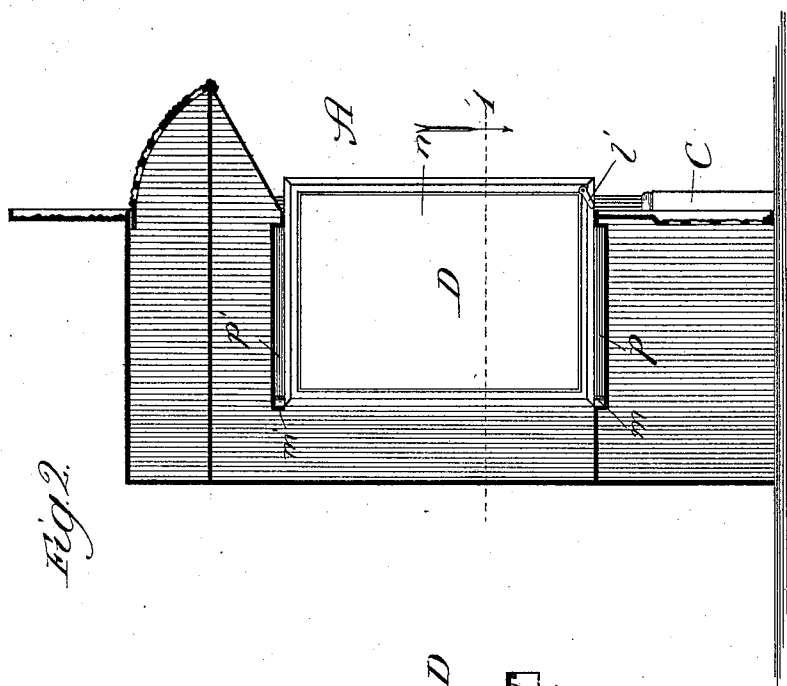


(No Model.)

M. I. COHEN.
FIREPLACE.

No. 576,775.

Patented Feb. 9, 1897.



Witnesses:
E. B. Chubb
W. J. Norton

Inventor:
Morris I. Cohen,
By *Dyrenforth & Dyrenforth,*
Attys.

UNITED STATES PATENT OFFICE.

MORRIS I. COHEN, OF CHICAGO, ILLINOIS.

FIREPLACE.

SPECIFICATION forming part of Letters Patent No. 576,775, dated February 9, 1897.

Application filed September 8, 1896. Serial No. 605,167. (No model.)

To all whom it may concern:

Be it known that I, MORRIS I. COHEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Fireplaces, of which the following is a specification.

My invention relates to an improvement in the features of the sides and summer-front of a fireplace; and my object is to provide a construction of convertible sides and front whereby when the fireplace is out of use, as in the season wherein fires are not required, the sides may be readily drawn out and swung toward each other, like doors, to cover the front of the fireplace and form a summer-front therefor, to be as easily again adjusted to form the sides when the fireplace is to be used.

Referring to the accompanying drawings, Figure 1 is a horizontal section of a fireplace involving my improvement, the section being taken at the line 1 on Fig. 2 and viewed in the direction of the arrow; and Fig. 2, a section of the same, taken at the line 2 on Fig. 1 and viewed in the direction of the arrow.

A is a fireplace of any usual or suitable general construction. For the sake of convenience my improvement is shown in connection with a fireplace of the variety adapted for burning gas, the burners being shown at *r* in Fig. 1.

At each side of the fireplace-chamber B are provided the upper and lower parallel guides, shown as grooves *p* and *p'*, extending from near the front of the frame C short of the back of the chamber B. In these grooves there fit, to adapt them to be slid in and out, the sides D D. Each side is formed, by preference, hollow, of cast metal, with a covering *n* of bright or polished sheet metal and an interposed filling *o* of material non-conductive of heat, such as asbestos. From the upper and lower inner corners of the sides D there project the lugs *m m'* into the grooves *p p'*, similar lugs (not shown) being also, by preference, provided at intervals along the upper and lower edges of the sides, the better to guide and steady them in sliding them in and out.

The width of each side D exceeds by about,

say, an inch or more the length of the guides *p p'*, whereby when the sides are in the position of that represented at the right-hand side in Fig. 1 they project sufficiently beyond the ornamental surfaces of the sides of the frame C to act as shields to protect such surfaces against heat from the fireplace. Moreover, the filling *o* in each side prevents injury to the ornamental outer surface thereof from such heat.

To adjust the sides D into the position of that shown at the left-hand side in Fig. 1, they are drawn out till the lugs *m m'* strike the forward ends of the guide-slots *p p'*, where the lugs afford pivots for the sides to swing on. Thereupon the sides may be swung toward each other, like doors, to cover the front of the fireplace, and thus form a so-called "summer-front," each door D being provided near its base with a rotary knob *l*, carrying an inner catch *l'* for locking it, in a well-known manner, in its closed position.

To readjust the doors into their positions of sides, they may be swung outward on their pivots *m m'* into alinement with the grooves *p* and *p'* and slid into the latter.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a fireplace, the combination with the chamber B of grooves *p, p'* at each side thereof, and sides D having lugs projecting into said grooves, said sides being withdrawable and said lugs forming pivots for the sides, when withdrawn, upon which to swing toward each other, as doors, and form the fireplace-front, substantially as described.

2. In a fireplace, the combination with the chamber B of grooves *p, p'*, at each side thereof, and sides D provided with catches and having lugs *m, m'* projecting into said grooves, said sides being withdrawable and the said lugs forming pivots for the sides when withdrawn, upon which to swing toward each other, as doors, and form the fireplace-front, substantially as described.

MORRIS I. COHEN.

In presence of—

J. N. HANSON,

J. H. LEE.