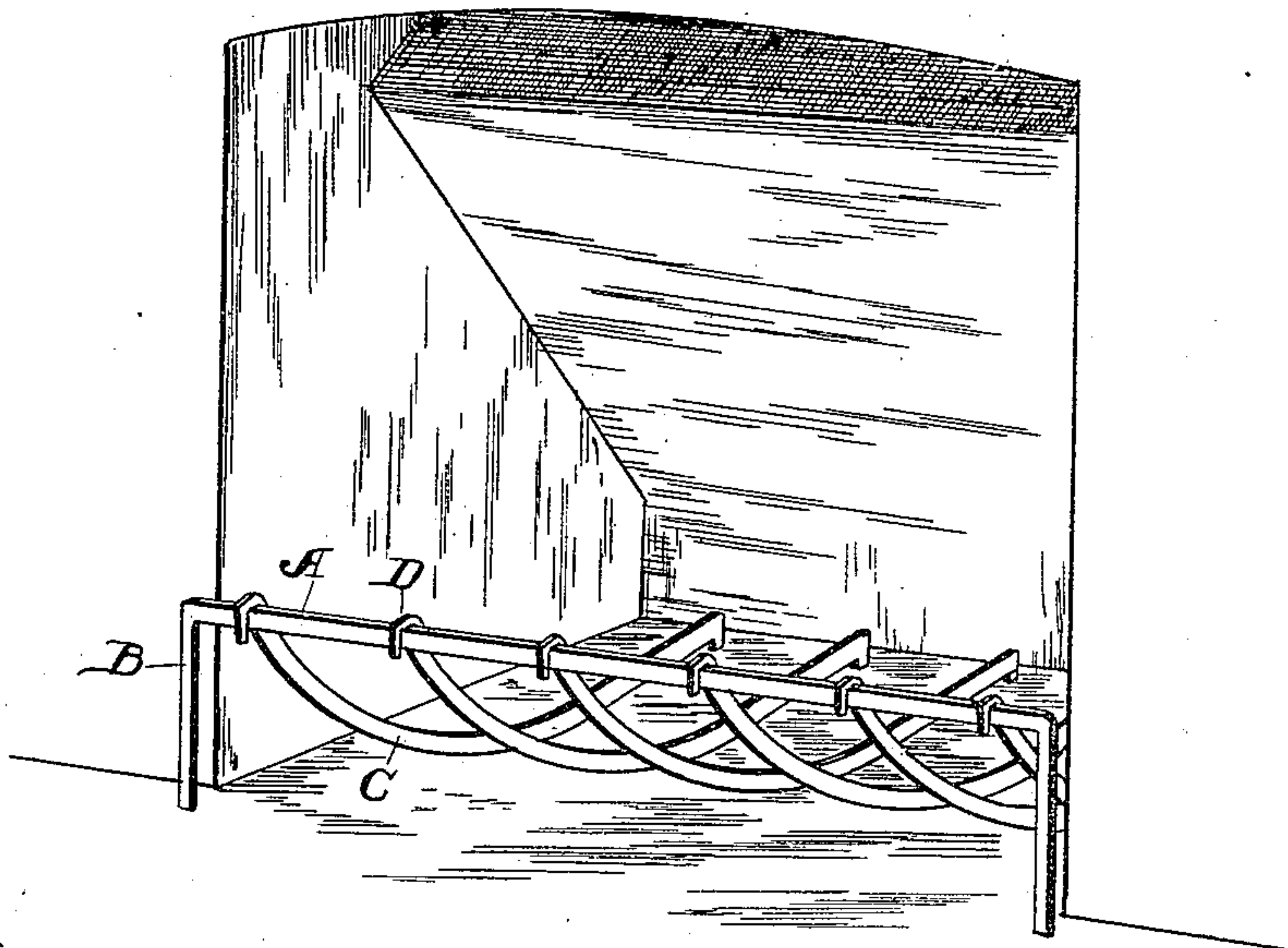


(No Model.)

W. R. BELDING.  
FIRE PLACE GRATE.

No. 333,382.

Patented Dec. 29, 1885.



WITNESSES:

Robert Kirk.  
D. M. Willop.

INVENTOR :

William R. Belding

By

J. S. Felt  
Attorney.

# UNITED STATES PATENT OFFICE.

WILLIAM R. BELDING, OF MOUNTAIN VIEW, ARKANSAS.

## FIRE-PLACE GRATE.

SPECIFICATION forming part of Letters Patent No. 333,382, dated December 29, 1885.

Application filed April 23, 1885. Serial No. 163,149. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM R. BELDING, of Mountain View, in the county of Stone and State of Arkansas, have invented a new and useful Improvement in Fire-Place Grates, which improvement is fully set forth in the following specification and accompanying drawing, in which the figure is a perspective view of a fire-place, showing my improved grate.

The present invention relates to an improvement in grates for fire-places; and it consists of a transverse bar having upright supports at the ends, and a series of adjustable bars hooking over this forward bar, extending rearwardly into the fire-place, so as to receive thereon the fuel, said rearwardly-projecting bars having upright supports at the rear end, all of which will now be fully set forth in detail.

In the accompanying drawing, A is a metallic bar, of any convenient size and shape, designed to extend across the front end of the fire-place, being provided at the end with suitable supports, B, formed integral therewith. The horizontal part of this bar is designed to be set on edge. At intervals and extending rearwardly from this bar I provide a series of laterally-projecting bars, C, provided with hooks D at their forward end, designed to hook over the transverse bar A, and thus hold it in an upright position, thence curved downwardly and rearwardly, and are provided at their rear ends with or without down-turned supports E, so as to rest upon the hearth.

I design to form these parts in any suitable

manner and of any suitable material requisite for the purpose. The rearwardly-projecting bars I prefer to be formed with rearwardly-projecting curves; but it is obvious that the forward part may be formed square, as in the ordinary grate, if so desired.

I design to have any convenient number of these rearwardly-projecting bars necessary for the purpose, the principal object of which is to form them so that they may be readily detached when desired, or to be placed as close together, either for wood or coal, as found convenient or desirable. The transverse bar A may be supported by inserting the vertical posts B into a block of marble or into the hearth-plate, if desired; but it is found that the grates C ordinarily are all the support which the bar A requires to keep it from tipping over.

What I claim is—

The combination, in a fire-grate, of the transverse bar which extends across the front of the grate, and which is provided with a vertical support at each end, with the rearwardly-projecting bars, which have their front ends provided with hooks, so as to catch over and upon the transverse bars, and their rear ends resting upon the hearth, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand, this 7th day of March, 1885, in the presence of witnesses.

WILLIAM R. BELDING.

Witnesses:

JOHN A. CARTWRIGHT,  
WILLIAM J. ALLRED.