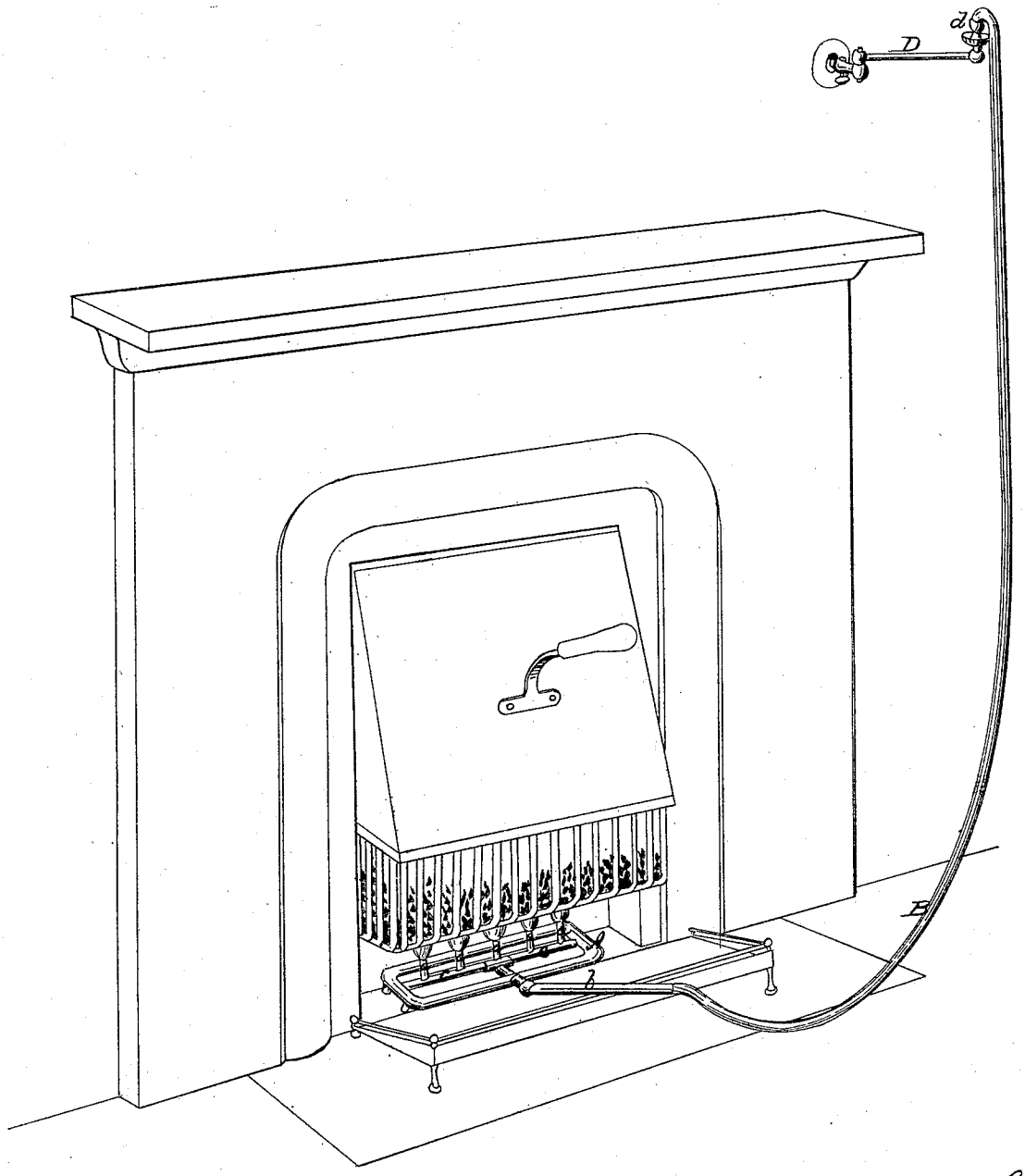
J. KENNEY, Sr.

FIRE KINDLER.

No. 109,324. Patented Nov. 15, 1870.



Witnesses.

Phil. T. Dodge

W. K. Reddings

Inventor. J. Kenney Sr.

by Dodge & Munn

his attys.

United States Patent Office.

JEREMIAH KENNEY, SR., OF BALTIMORE, MARYLAND.

Letters Patent No. 109,324, dated November 15, 1870.

IMPROVEMENT IN FIRE-KINDLERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I. JEREMIAH KENNEY, Sr., of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Fire-Kindling Devices; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to a device for kindling or lighting wood or coal-fires; and

It consists in a series of gas-burners arranged on a frame convenient for handling, and having connected with them a flexible tube; the manner of using the device being to connect the flexible tube with the gas-pipe or burner in the room, and then, after lighting the series of jets, to introduce the frame under the grate, when the gas-flame, ascending through, among the coal or wood, quickly ignites the same.

In the drawing my device is shown in perspective under an open coal-grate.

A is a light metal frame, having arranged in it the pipe *c*, which latter has screwed into it the row of burners *a*.

b is a pipe or tube, connecting with the pipe *c*, and extending out beyond the frame A, and forming a handle by which to hold the same.

B is the flexible tube, attached at one end to the pipe *b*, and provided at its opposite end with a thimble, *d*, by which to connect it with the burner of the gas-pipe D.

The gas passes from D down through pipes B *b c*, and out immediately under the grate, where it is ignited.

The frame A may be made of any desired size and shape to adapt it for various grates, stoves, &c., and it may be provided with any suitable style and number of burners.

By the use of this device the use of kindling of all kinds is dispensed with, and a fire kindled quicker, cheaper, and with less trouble than heretofore.

It is only necessary for the kindler to remain under the grate for a very few minutes, after which it is removed, the gas shut off, the tube disconnected and coiled up, and the device laid aside until again required for use.

This apparatus can be used in stoves of all kinds, in furnaces, and under open grates.

Handles of any suitable kind may be attached to the kindler for introducing it into the ash-pits, &c., and, when necessary, legs may be applied to the frame A, to support it near the grate.

I am aware that it has been proposed to kindle fires by connecting a jointed or flexible tube with the gas-pipes of the building, and conducting gas into hollow grate-bars, &c.; and also that a portable device, using hydrocarbon-oils for a similar purpose, has been suggested, and that a patent for such an apparatus was granted to H. Van Ausdall, July 30, 1867; and, therefore, I do not claim either of these; but

What I claim is—

A portable gas fire-kindler, constructed and arranged to be used as herein described.

JEREMIAH KENNEY, SR.

Witnesses:

C. B. MCGOLGAN,

H. B. MUNN.