

(No Model.)

H. J. LEWIS.
FIRE DOG.

No. 567,786.

Patented Sept. 15, 1896.

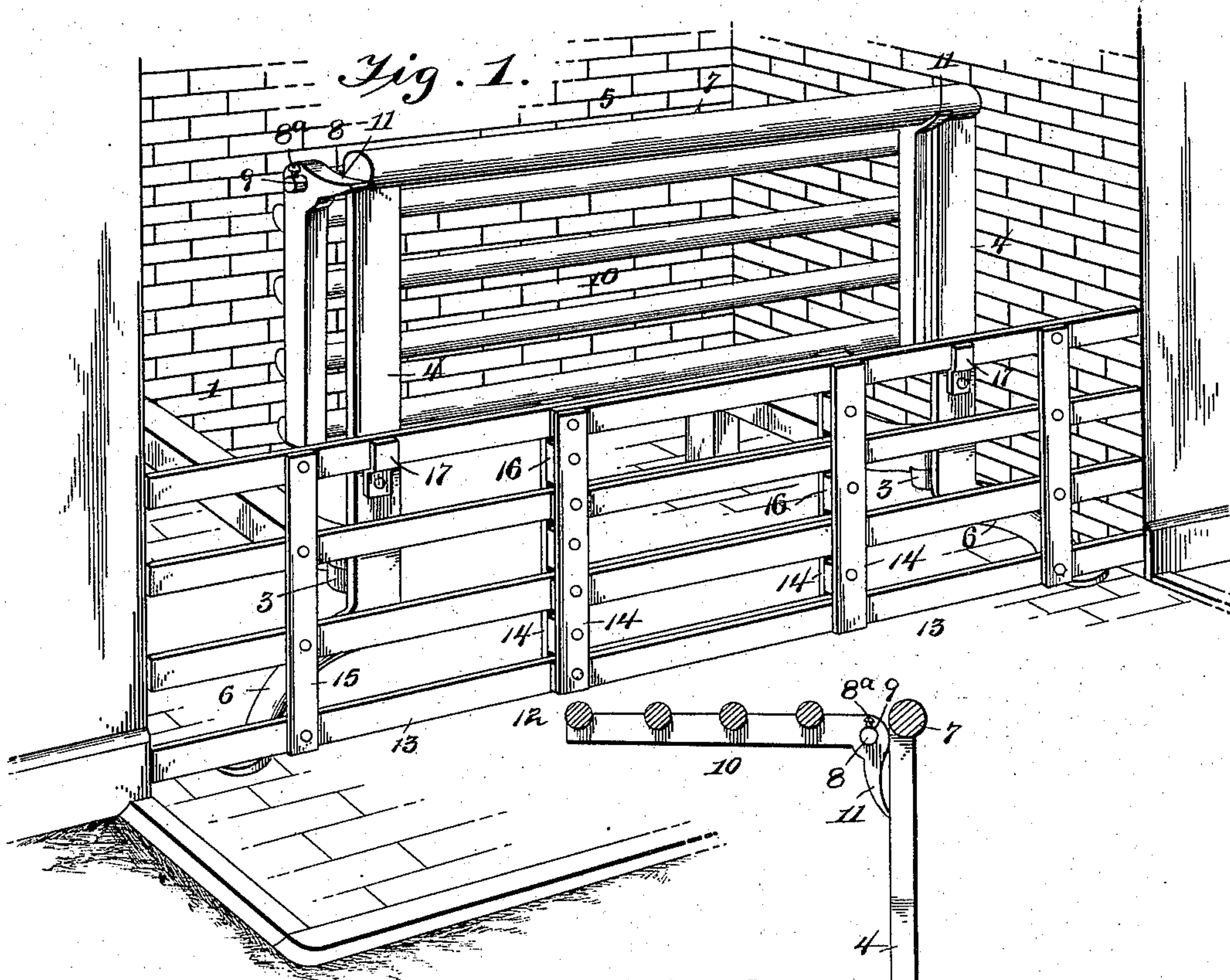


Fig. 2.

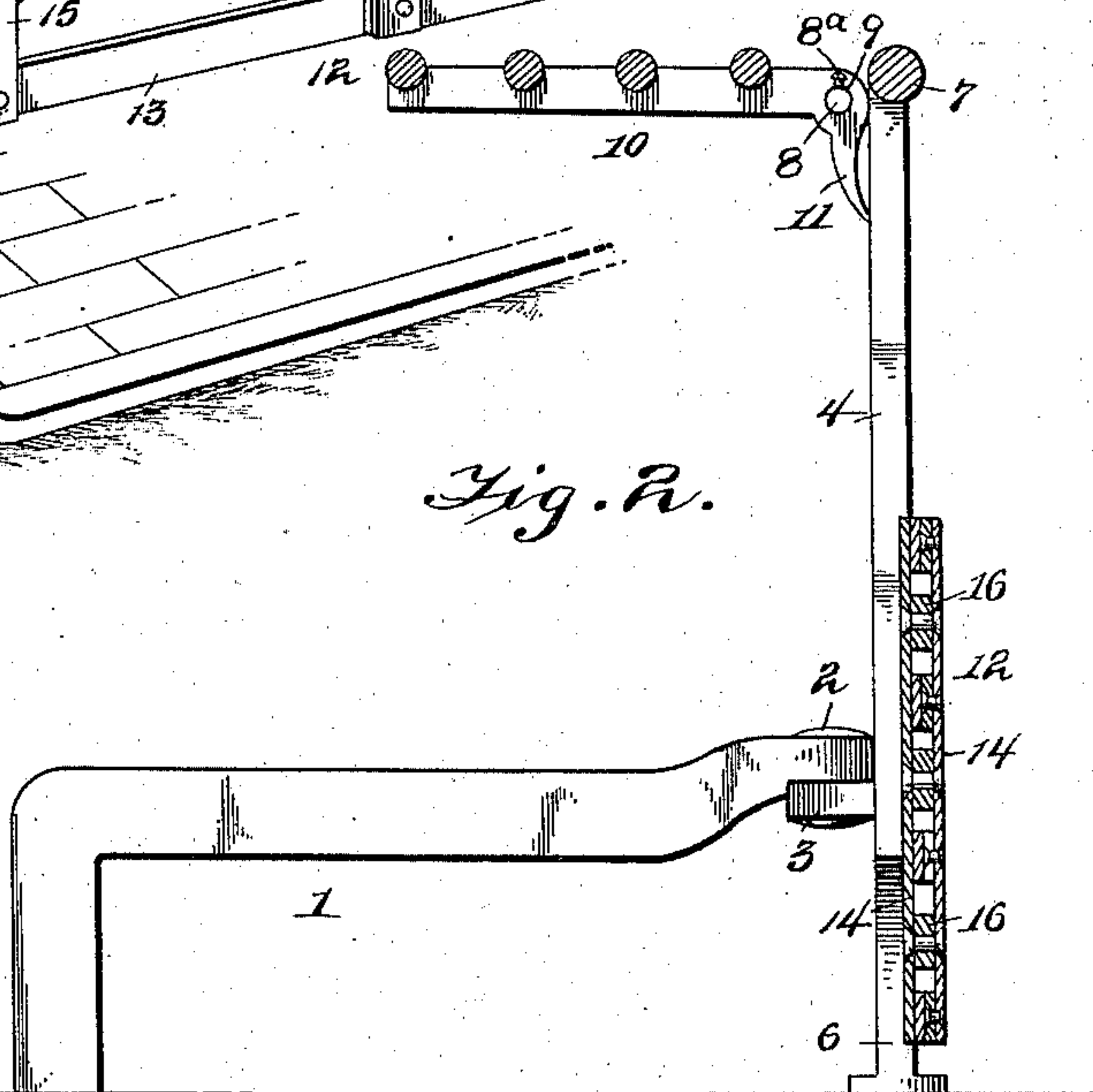
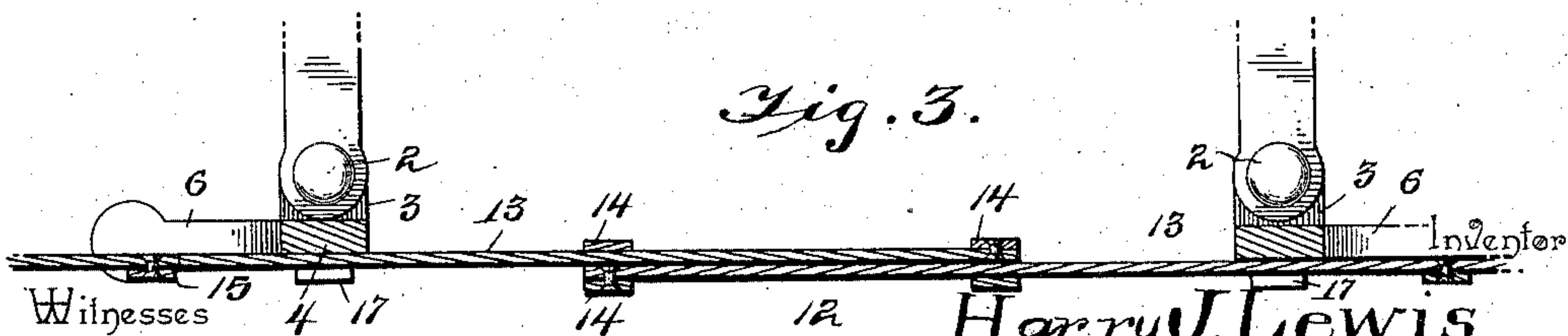


Fig. 3.



Witnesses
Thos. W. Riley.
H. J. Riley

By His Attorneys,

Chas. Snow & Co.

UNITED STATES PATENT OFFICE.

HARRY J. LEWIS, OF RUSK, TEXAS, ASSIGNOR OF ONE-HALF TO W. B. NEELY, OF SAME PLACE.

FIRE-DOG.

SPECIFICATION forming part of Letters Patent No. 567,786, dated September 15, 1896.

Application filed February 4, 1896. Serial No. 578,040. (No model.)

To all whom it may concern:

Be it known that I, HARRY J. LEWIS, a citizen of the United States, residing at Rusk, in the county of Cherokee and State of Texas, have invented a new and useful Fire-Dog, of which the following is a specification.

The invention relates to improvements in fire-dogs.

The object of the present invention is to provide a simple and inexpensive fire-dog adapted to be used in any ordinary open grate and capable of affording convenient means for cooking in an open fireplace.

A further object of the invention is to provide a fire-dog which may be conveniently folded for shipping, and which will afford an efficient fender to prevent fire from falling out of a fireplace upon the floor.

Another object of the invention is to provide a simple and inexpensive fender which may be readily adjusted to suit the width of a fireplace.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a pair of fire-dogs or andirons constructed in accordance with this invention, the gridiron being arranged to form a fender. Fig. 2 is a vertical sectional view, the gridiron being arranged horizontally for cooking. Fig. 3 is a horizontal sectional view illustrating the construction of the adjustable fender.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 1 designate substantially L-shaped legs forming the sides of the fire-dogs or andirons and provided at their front terminals with vertical pivots 2, arranged in perforated ears or lugs 3 of sides 4 of a substantially rectangular frame 5, arranged at the front of the fire-dogs. The sides 4 of the rectangular frame are disposed vertically and are provided at their lower ends with legs 6, and the upper terminals of the sides 4 are connected by a horizontal bar 7, which forms the top of the front frame. The L-shaped legs are hinged by means of the pivots 2 and

the perforated ears or lugs 3 to the front frame, and they are adapted to swing horizontally to fold compactly against the front of the frame to permit the device to be arranged in convenient form for shipping or storing.

The sides of the front frame are provided at their inner or rear faces adjacent to the top bar 7 with horizontally-disposed pintles 8, which are arranged in eyes 9 of a gridiron 10, whereby the latter is hinged to the top of the front frame. The pintles extend horizontally beyond the side edges of the vertical sides of the front frame to enable the gridiron to have a limited movement laterally of the fire-dogs to engage lugs 11 with the sides of the frame and to disengage them therefrom. The lugs by contacting with the rear faces of the sides of the front frame are adapted to support the gridiron in a horizontal position for cooking, and when the lugs are out of such engagement the gridiron swings downward to a vertical position, as illustrated in Fig. 1 of the accompanying drawings, to form a fender. The lugs 11 are slightly curved, and the gridiron is retained on the pintles by a removable pin 8^a, which may be withdrawn from a perforation of one of the pintles to permit the gridiron to be readily removed when desired.

The fire-dogs are provided with an adjustable fender 12, arranged at the lower portion of the front frame and composed of two sliding sections 13, capable of adjustment to enable the fender to be varied in length to suit the width of a fireplace. Each section of the adjustable fender consists of a series of horizontal slats or bars connected at their inner ends by a pair of vertical bars 14 and adjacent to their outer ends by vertical bars 15. The bars 14 are arranged in pairs, are spaced by suitable blocks 16, and are located at the inner and outer faces of the sections, and slidingly connect the same. The fender is supported by brackets 17, arranged on the front faces of the sides of the rectangular frame and provided with substantially L-shaped arms extending upward and receiving the top bars or slats of the sections of the fender.

The gridiron, when arranged in substantially a vertical position, coöperates with the

adjustable fender and forms a fender extending over the entire surface of the rectangular frame and adapted to prevent fire from falling upon the floor.

5 It will be seen that the device is exceedingly simple and inexpensive in construction, that it is adapted to be readily arranged in an open fireplace, and that it affords an efficient fender and enables cooking to be conveniently performed.

10 It will also be apparent that the lower or main fender is capable of adjustment to adapt it to fireplaces of different widths and that the device is capable of being compactly folded for convenience in storing or shipping.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

20 What I claim is—

1. The combination with fire-dogs, of a fender mounted on the lower portions of the fire-dogs, and a gridiron hinged at one edge to the tops of the fire-dogs and capable of swinging downward from a horizontal position to a vertical position to form an upper fender and close the space between the fire-dogs above the said fender, substantially as described.

30 2. The combination with fire-dogs provided with horizontal pintles, of a gridiron having eyes to receive the pintles and hinged to the fire-dogs by the same, and provided with lugs arranged to engage the fire-dogs to support the gridiron in a horizontal position and

adapted to be disengaged from them to permit the gridiron to be arranged vertically to form a fender, substantially as described.

3. The combination of a substantially rectangular front frame composed of sides and a top bar, L-shaped legs, horizontal pintles mounted on the frame at the top thereof, and a gridiron provided with eyes receiving the pintles, whereby it is hinged to the top of the frame, said gridiron being provided with lugs for engaging the frame for supporting it in a horizontal position, and being capable of a limited movement to disengage the lugs from the frame to permit it to swing downward, substantially as described.

4. The combination of a substantially rectangular frame composed of sides, and a top bar connecting the upper ends of the sides, legs connected with the sides of the frame, and forming fire-dogs, a fender mounted on the lower portion of the front of the frame, and a gridiron hinged at one edge to the top bar of the frame and adapted, when not in use for cooking, to swing down from a horizontal position to a vertical position to close the space between the sides of the frame above the said fender, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HARRY J. LEWIS.

Witnesses:

F. T. HOUGH,
W. R. ALLEN.