

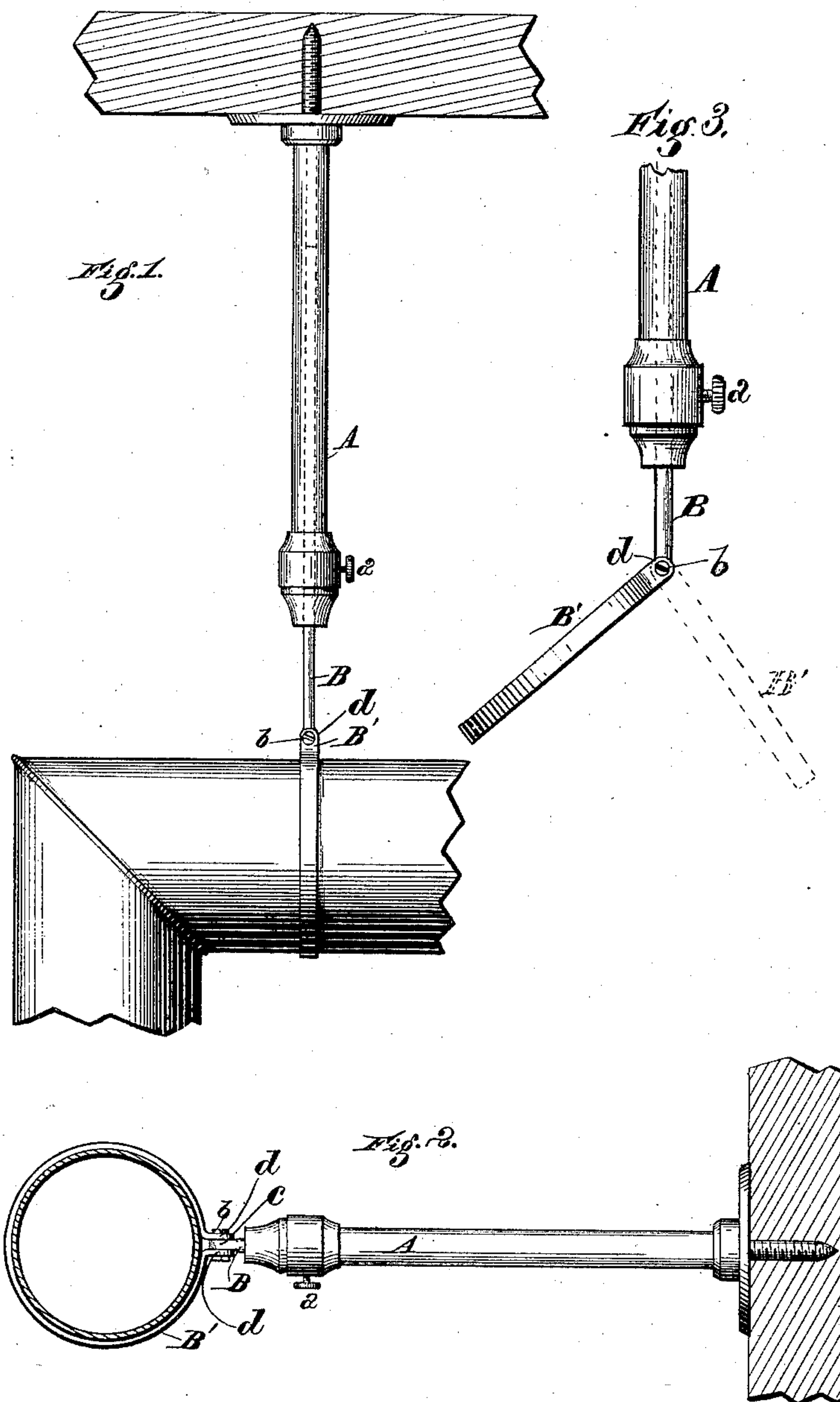
(No Model.)

J. STEWART.

ADJUSTABLE STOVE PIPE HANGER AND FASTENER.

No. 312,924.

Patented Feb. 24, 1885.



WITNESSES

Jno. E. Whiles
N. S. Wright

James Stewart INVENTOR
By W. W. Leggett
Attorney

UNITED STATES PATENT OFFICE.

JAMES STEWART, OF DETROIT, MICHIGAN.

ADJUSTABLE STOVE-PIPE HANGER AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 312,924, dated February 24, 1885.

Application filed January 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES STEWART, of Detroit, county of Wayne, State of Michigan, have invented a new and useful Improvement in Adjustable Stove-Pipe Hanger and Fastener; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to improvements in adjustable stove-pipe hangers or supports, and has for its object to provide novel and efficient means whereby the hanger can be adjusted longitudinally and its pipe-supporting band adjusted about or around the pipe and then secured to the hanger after the pipe is in position, and to provide novel means whereby the hanger can be suspended perpendicularly and its pipe-supporting band connected with pipes to stand at any angle to a perpendicular plane. These objects I accomplish in the manner and by the means hereinafter described and claimed, reference being had to the accompanying drawings, illustrating my invention, in which—

Figures 1 and 2 are elevations of the hanger looking at different sides thereof, and Fig. 3 a broken view showing the pipe-supporting band adjusted to various positions angularly to the hanger.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe the same in detail, reference being made to the drawings, where—

A designates a tube, having a screw at one extremity, to be secured to a support, such as the ceiling or wall, and having at its other extremity a set-screw, *a*, engaging a screw-socket in the tube to bind against or engage at its inner end a rod, B, which is capable of sliding longitudinally in the tube, the screw serving to secure it in the position to which it is adjusted. The outer extremity of the sliding rod is provided with a tongue, *c*, which projects from said rod in the direction of its length, and is constructed with flat sides to receive the flat ears *d*, formed on the ends of a flexible or elastic band, B', adapted to be

sprung upon and encircle the stove-pipe. A screw-bolt, *b*, or a bolt with a nut, passes through the ears of the pipe-supporting band and the tongue, and serves to connect the band to the rod, as well as to enable said band to be adjusted angularly to the hanger. The screw or bolt *b* is arranged at right angles to the longitudinal axis of the hanger, and hence if the bolt be loosened the flexible band can be swung to any position angularly to a perpendicular plane or angular to a line taken longitudinally through the hanger, whereby the devices are rendered capable of more extended use, in that the band can be adjusted to a pipe running on an incline or extending horizontally or perpendicularly, as conditions require. After the band is sprung about the pipe it is firmly clamped to the tongue of the sliding rod by the screw or bolt, and by the particular construction described the band can be first sprung about the pipe and then fastened to the sliding rod through the medium of the transverse bolt.

Heretofore a stove-pipe hanger has been composed of two bars or rods adjustable lengthwise one upon the other, one bar being secured to the ceiling, and the other having a band to encircle the stove-pipe. Such, therefore, I do not broadly claim; but

What I claim as my invention is—

1. The combination, with a tube, of an extensible rod therein and means for holding said rod in the tube at any desired point of adjustment, said rod provided with a band engaging the pipe, and adapted to be set at any desired angle to the rod and tube, substantially as described.

2. The combination of the longitudinally-adjustable hanger with the angularly-adjustable pipe-supporting band, substantially as described.

3. The combination of the longitudinally-adjustable hanger, the angularly-adjustable pipe-supporting band, and the screw or bolt, substantially at right angles to the length of the hanger, for attaching the band and adjusting it in angular relation to the hanger, substantially as described.

4. The combination of the longitudinally-adjustable hanger, one part of which is provided with a flat tongue projecting in the di-

rection of the length of the hanger, with the band having ears embracing the tongue, and the adjusting screw or bolt for attaching the band and adjusting it in angular relation to
5 the hanger, substantially as described.

5. A stove-pipe hanger consisting of the tube, the sliding rod therein, the set-screw for holding the rod, the angularly-adjustable pipe-supporting band, and the screw or bolt pass-

ing through the band and the rod, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

JAMES STEWART.

Witnesses:

N. S. WRIGHT,

M. B. O'DOHERTY.