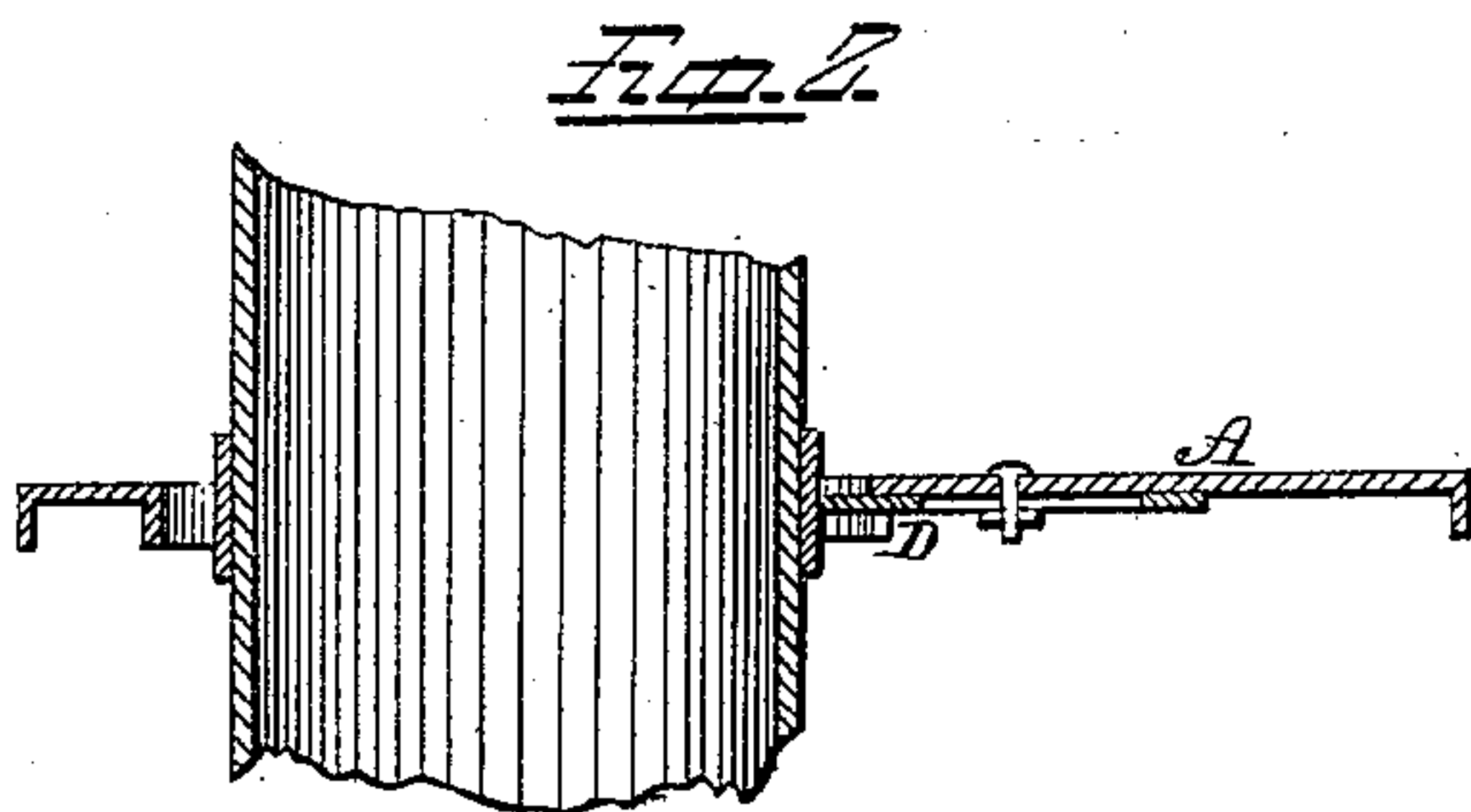
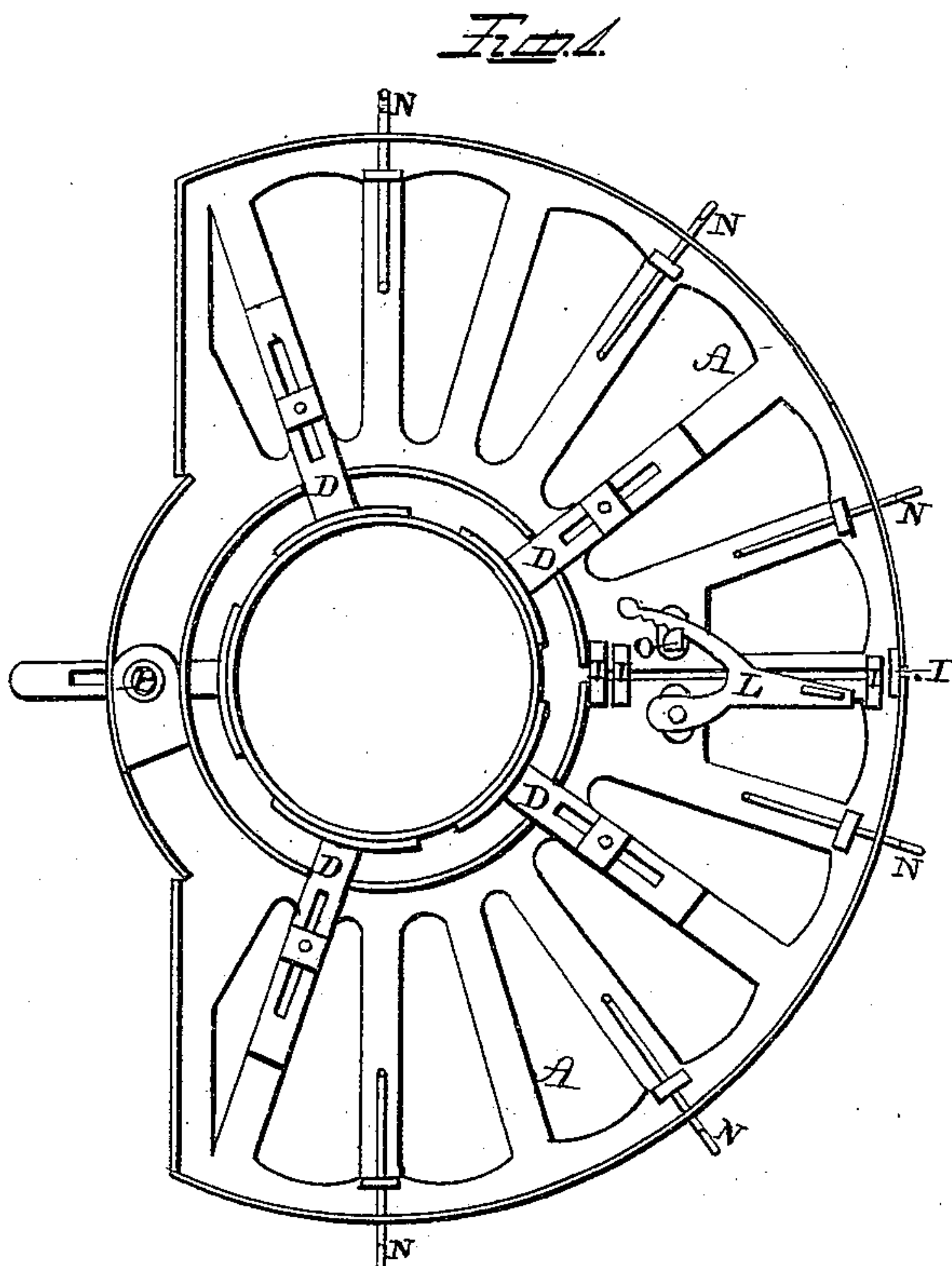


(No Model.)

H. CLAYTON.
Stovepipe Shelf.

No. 229,957.

Patented July 13, 1880.



WITNESSES=
W. W. Mortimer.
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UNITED STATES PATENT OFFICE.

HERBERT CLAYTON, OF CINCINNATI, OHIO.

STOVE-PIPE SHELF.

SPECIFICATION forming part of Letters Patent No. 229,957, dated July 13, 1880.

Application filed March 27, 1880. (No model.)

To all whom it may concern:

Be it known that I, HERBERT CLAYTON, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful
5 Improvements in Stove-Pipe Shelves; 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
10 being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in stove-pipe shelves; and it consists in making the shelf in two parts and hinging them together at one end and providing each part with
15 a series of slides which have their inner ends so shaped as to conform to the sides of the pipe, whereby the same shelf can be applied to a number of different-sized pipes, as will be more
20 fully described hereinafter.

The object of my invention is to provide a shelf for stove-pipes which can be applied to pipes of all sizes, and which can be readily adjusted up and down on the pipe, so as to bring
25 it into any desired relation to the stove.

Figure 1 represents an inverted view of my invention. Fig. 2 is a vertical section of my device.

A represents the shelf, which is made in two
30 parts, which parts are hinged together at their rear ends by means of a bolt, B. In the inner edge of each of these parts is made a semicircular recess, which recesses, when brought together, make the circular hole through which
30 the pipe passes. The edges of these two parts of the shelf are turned down into a vertical position around this hole, and through the flange thus formed are cut a number of recesses, through which the slides D pass. These
40 slides have their inner ends formed at right angles to their shanks, and have their inner ends made circular, so as to conform to the shape of the stove-pipe.

The shanks are made flat and bear against
45 the under side of the two parts of the shelf, and are slotted so that they can be moved back and forth, and thus made to adjust themselves to stove-pipes of different sizes. Passing through the shelf and through the slots in
50 these slides are suitable clamping-bolts, which clamp the slides in any desired position. As these slides are held both by the bolts which pass through them and by the flanges around the edges of the recess, they are compelled to

always move in a straight line, and can never
55 get crooked or out of position.

The single slide which is held by the bolt B, which unites the two parts of the shelf together, is provided with a ratchet, which catches
60 over a suitable flange formed on the under side of the shelf, and thus holds this slide rigidly in position.

Each of the parts of the shelf is provided with certain projections or guides I, which catch
65 over the adjoining edge of the other part of the shelf, and thus hold them firmly together. Upon one of the halves of the shelf is pivoted a ratchet-lever, L, which lever catches over the sharp-edged projection O upon the other
70 end of the shelf, and thus the two parts are locked firmly together.

Whenever it is desired to remove the shelf from the stove-pipe it is only necessary to unfasten this lever and then open the two halves upon the pivot B. The outer edge of the shelf
75 is turned vertically downward, so as to form a guide for the hooked wires N, upon which articles to be dried are to be hung. At a suitable distance inside of this flange, on the outer edge of the shelf, are formed suitable lugs or
80 projections, in which the inner ends of the wires are held. This shelf is to be made of thin sheet or cast metal, and has a number of perforations of any desired shape or size made through it, so as to let the heat pass freely up.
85 By turning down the edges this light sheet metal is strengthened and braced so as to make it sufficiently strong to answer all ordinary purposes.

Having thus described my invention, I
90 claim—

1. A stove-pipe shelf, in combination with a series of radial slides, D, which have their inner ends shaped to conform to the pipe, whereby the same shelf can be applied to pipes of
95 different sizes, substantially as shown.

2. A stove-pipe shelf, A, made in two parts and pivoted together at one end, both parts being provided with the radial slides D and overlapping projections I, and locked together
100 by a lever, L, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of March, 1880.

HERBERT CLAYTON.

Witnesses:

JOSEPH M. BEAUMONT,
GEO. F. CARD.