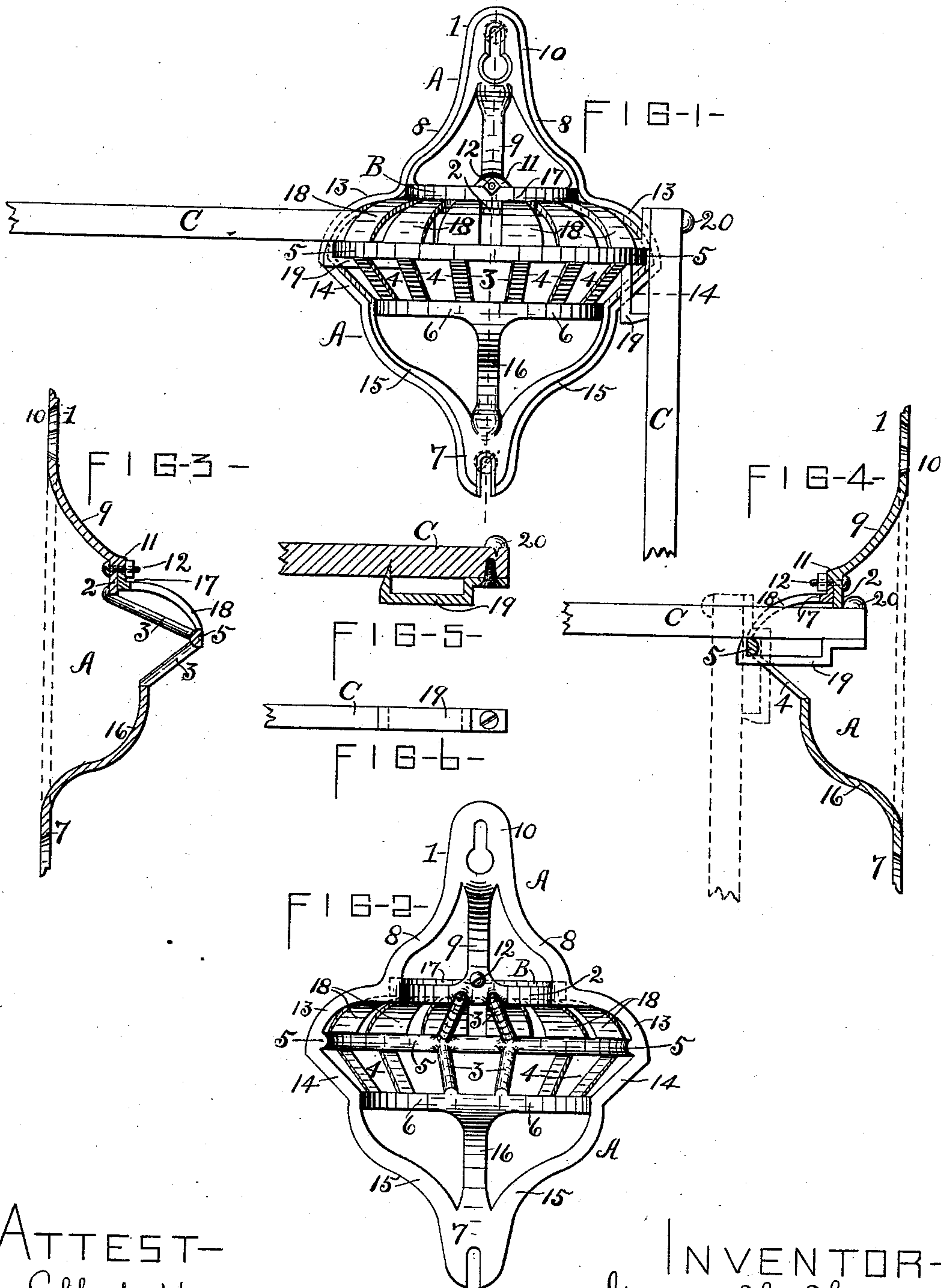


(Model.)

G. H. HAYES.
CLOTHES DRIER.

No. 349,092.

Patented Sept. 14, 1886.



ATTEST—
Albert Horn.
E. Raymond

INVENTOR—
George H. Hayes
per C. B. Raymond
his Atty.

UNITED STATES PATENT OFFICE.

GEORGE H. HAYES, OF DE RUYTER, NEW YORK.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 349,092, dated September 14, 1886.

Application filed February 11, 1886. Serial No. 191,535. (Model.)

To all whom it may concern:

Be it known that I, GEORGE H. HAYES, of De Ruyter, county of Madison, in the State of New York, a citizen of the United States, have
5 invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a front elevation of my improved
10 drier with one clothes-bar extended for use and one hanging down. Fig. 2 is a rear view of the drier. Fig. 3 is a vertical section of my drier, taken on line *x x*, in Fig. 1. Fig. 4 is
15 also a vertical section of drier, illustrating both the operative and inoperative position of one of the clothes-bars; and Figs. 5 and 6 are detail views of the clothes-bar.

Similar letters of reference indicate corresponding parts.

20 The object of my invention is to produce an improved, durable, and effective clothes-drier. It relates to that class of driers which are provided with multiple adjustable arms, adjustable either altogether or independently, and
25 which can be folded or put back out of the way when not in use, the whole being suspended by a screw or nail in the wall.

It is constructed as follows: A is the main frame, consisting of the top 1, rim 2, braces 3,
30 ribs 4, supporting-bar 5, band 6, and bottom 7. The top 1 consists of the arms 8 9, of which 8 8 are the side arms, all of which are connected at the top to form the head 10, in which I make a hole for the suspension of the
35 drier. The arms 8 lie in the same plane vertically, and with their extensions form the edges of the frame A in the same plane. The arm 9 flares outwardly and downward until it meets the outwardly-curved rim 2. This rim
40 is a band of metal, substantially semicircular in form, extending from one side arm around outwardly to the arm 9, and thence inwardly to the other side arm, and the arm 9 projects beyond the front of this rim, so as to produce
45 the flange 11, and through this rim, just below this flange, is a hole to receive the bolt 12. The braces 3 are of two kinds upward and downward. The upward ones connect the rim 2 to the bar 5, and sustain the central part
50 of this bar, and the downward ones connect this bar to the band 6 and hold up the bar partly. The ribs 4 are bands of metal con-

necting the bar 5 to the band 6. The bar 5 stands outward from the extensions 13 of the arms 8, in substantially a semicircular form, 55 and lies horizontal. The band 6 is simply a band of metal standing outward from the extensions 14 in a curve, which extensions meet the bottom side arms, 15, which meeting the center arm, 16, together form the lower end of 60 the frame, the arm 16 being connected to the band 6 at or near its center. In fact, the whole frame consisting of the top 1, rim 2, braces 3, ribs 4, bar 5, band 6, and bottom 7 are integral with each other and with the extensions of the 65 arms 8.

B is my spacer, consisting of a body, 17, curved to conform to the outside of the rim 2, and fitting beneath the flange 11, and the fingers 18, which extend from this body over to 70 or into the bar 5. This body also extends from one arm 8 over to the other arm 8. The fingers 18 divide the upper part or side of the bar 5 into spaces separated from each other.

C is one of the bars of the drier, consisting 75 of a strip of wood fitting somewhat freely into a space between the fingers. Upon the under side of this bar I secure a loop-plate, 19, substantially as shown in the drawings. Upon its upper side I create a projection, 20, as, for in- 80 stance, by driving in a round-headed tack or screw.

It is operated as follows: I mount the bars C upon bar 5 by passing the bar 5 through the loop-plate 19, with this plate upon the inner 85 side. Then when I wish to use a bar, I raise the lower end from the position shown by the dotted lines in Fig. 4, upward and outward until it is high enough so that when I slide the bar inward the projection 20 will pass 90 under the rim 2, and will lie behind or within this rim, as also seen in Fig. 4. To take down or lower an arm, I reverse the above operation, and the arm will then hang down, as shown in Fig. 1, or by the dotted lines in Fig. 4. 95

The spacer B may be made a part of the rim 2, in which case no bolt will be necessary, and the fingers will extend from the rim 2 to the bar 5, but will form compartments for the bars C, in the same manner as above described. 100

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A clothes-drier consisting of the frame A, provided with intermediate rim 2 and band

6, and bar 5, curving outwardly and connected together by the braces 3, the spacer B, consisting of the body 17, having fingers 18, and secured to the rim 2, and the bars C, fitting between the fingers 18, and mounted upon the bar 5, by the loop-plate 19, constructed and operating together substantially as described.

2. In a clothes-drier, a removable spacer, B, the fingers of which, in combination with the

bar 5, form the compartments to receive the robes, bars C, substantially as shown and described.

In witness whereof I have hereunto set my hand this 2d day of February, 1886.

GEORGE H. HAYES.

In presence of--

WM. MARSHALL;

JAMES MANNING.