

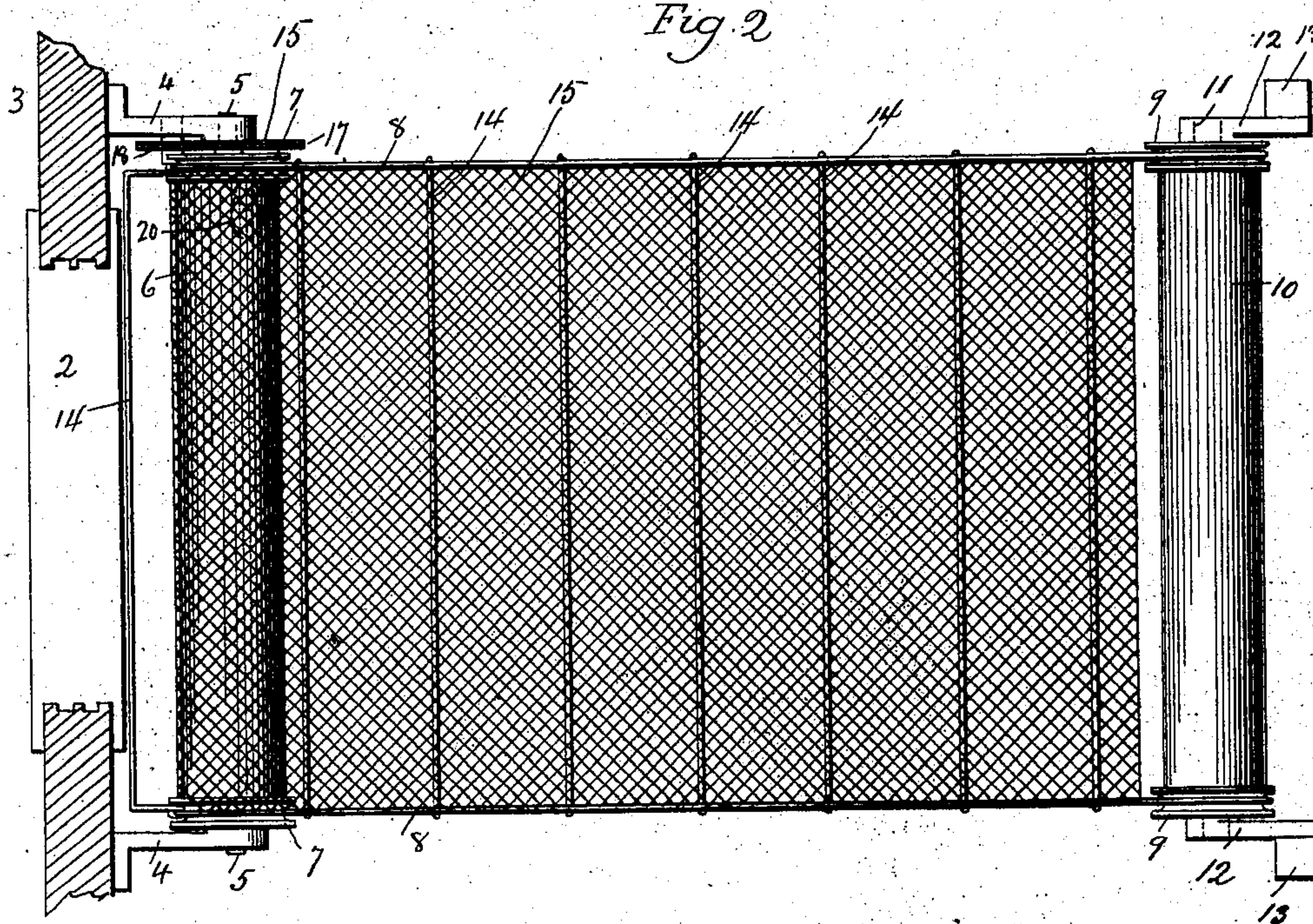
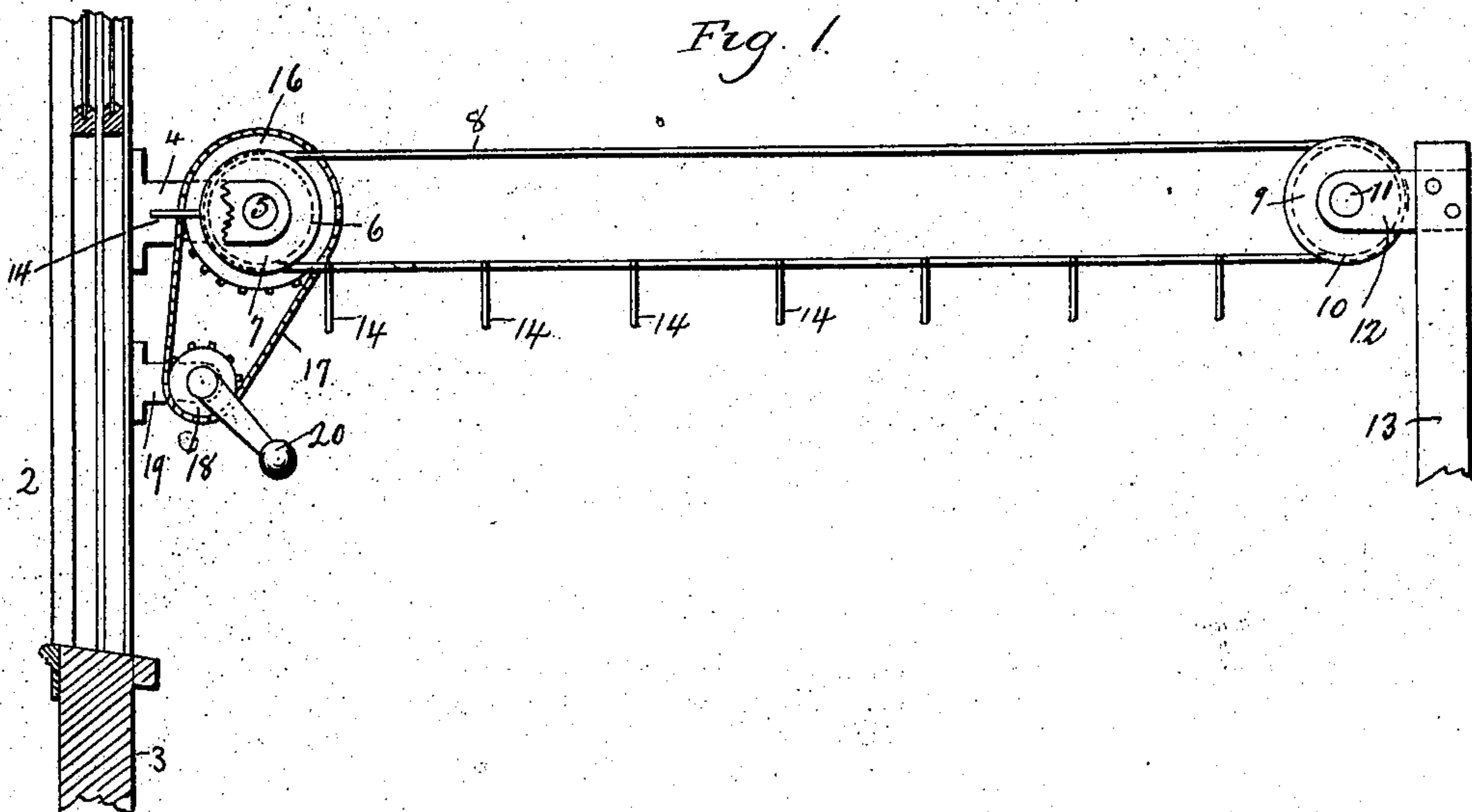
No. 751,265.

PATENTED FEB. 2, 1904.

C. C. CROSSLEY.
CLOTHES DRIER.

APPLICATION FILED OCT. 19, 1903.

NO MODEL.



Witnesses.
J. H. Hummer
Clara L. Reed

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Inventor
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UNITED STATES PATENT OFFICE.

CHARLES C. CROSSLEY, OF NEW BRITAIN, CONNECTICUT.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 751,265, dated February 2, 1904.

Application filed October 19, 1903. Serial No. 177,670. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. CROSSLEY, of New Britain, in the county of Hartford and State of Connecticut, have invented a new and useful Clothes-Drier; and I do hereby declare the following, when taken in connection with the accompanying drawings and the numerals of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in side elevation of my improved clothes-drier; Fig. 2, a plan view thereof.

My invention relates to an improvement in clothes-driers of that class in which the clothes are suspended from endless cables which are caused to travel to facilitate "hanging out" and "taking in" the clothes, the object of my present invention being to produce a simple device adapted to accommodate a large quantity of clothes at one time and constructed with particular reference to convenience of operation.

With these ends in view my invention consists in certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In carrying out my invention as herein shown my improved clothes-drier is located directly in front of a window 2 of a house 3, the design being that in this arrangement of the device the user shall operate the device through the open window. To the outside of the house I attach at points on opposite sides of the window two brackets 4 4, receiving the trunnions 5 of a long drum 6, furnished at its opposite ends with grooved wheels 7. These wheels 7 receive endless cables 8, which also run in corresponding grooved wheels 9, located at the opposite ends of a corresponding drum 10, the journals 11 of which run in brackets 12, secured to the upper ends of posts 13, driven, we will say, into the back yard into which the window 2 opens. The two drums 6 and 10 are located in the same horizontal plane. At opposite points on the cables I attach a series of bail-like clothes-rods 14, which will be located at equal distances apart and occupy so much of the reach of the cables as may

be contained between the drums, as shown in Fig. 1. The same portions of the cables have attached to them a wire clothes-guard 15, which extends a little beyond the end clothes-rods, as shown at the right hand in Fig. 2. This wire clothes-guard runs over the drums, which support it at points between the cables. Its function is to prevent the clothes from blowing up and becoming entangled with the cables and with each other. For the operation of the cables I mount a sprocket-wheel 16 upon one of the trunnions 5 of the drum 6. Over this sprocket-wheel runs chain 17, also running over a smaller sprocket-wheel 18, mounted in a bracket 19 and furnished with a handle 20, by means of which the cables and their attached clothes rods and guard may be caused to travel toward or away from the window, according to the wish of the laundress.

In using the device the handle will be used to run the cables, so that the wire clothes-guard and all of the clothes-rods will be uppermost, with the outermost clothes-rod within easy reach of the laundress. This rod is then filled with clothes, which are attached to it by any ordinary clothes-pins. The handle is then operated to move the clothes-rod in question outward and bring the succeeding clothes-rod into reach, and so on until the rods have been filled and moved outward one by one until they finally occupy the positions shown in Fig. 1. To take in the clothes, the above operation is reversed.

Of course the size of the apparatus may be varied as desired. The apparatus shown has seven clothes-rods, and when it is considered that each of these rods will be six feet in length it will be seen that the capacity of the device is large.

Although, as herein shown, the device is arranged to be operated through an open window, it is apparent that it may be arranged in any other convenient way—as, for instance, to be operated from the back stoop or porch of a house.

I would have it understood that I do not limit myself to the exact construction shown and described, but hold myself at liberty to make such departures therefrom as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a clothes-drier, the combination with
5 two drums, of cables running over the same, clothes-rods attached to the cables, and a wire clothes-guard also attached to the cables and extending over the clothes-rods.

2. In a clothes-drier, the combination with
10 two drums, of grooved wheels located at the ends thereof, endless cables running over these wheels, transversely-arranged bail-like

clothes-rods attached to the cables, and a wire-cloth clothes-guard attached to the cables, running over the drums and arranged to extend over the clothes-rods. 15

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES C. CROSSLEY.

Witnesses:

A. W. WELTON,
M. W. HALL.