

No. 758,451.

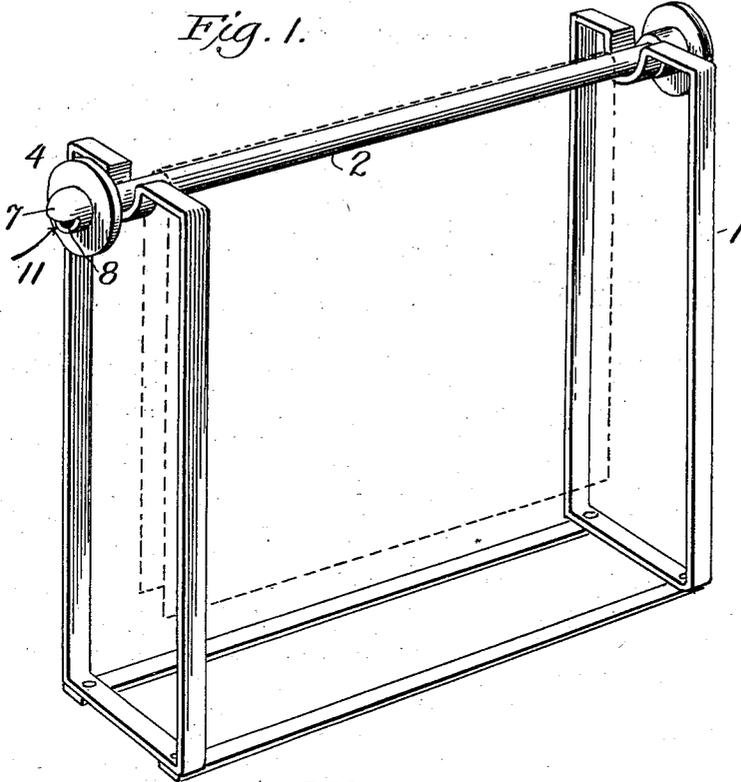
PATENTED APR. 26, 1904.

J. JUDELSON.  
CLOTHES DRIER.

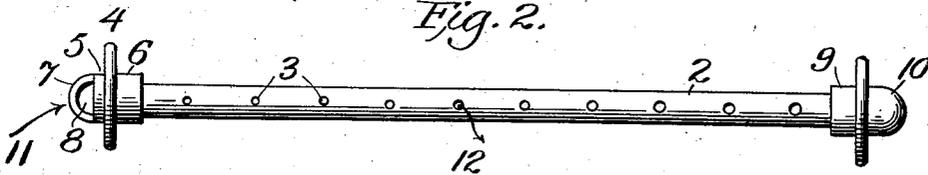
APPLICATION FILED FEB. 1, 1904.

NO MODEL.

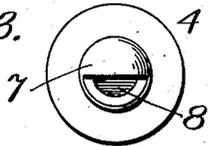
*Fig. 1.*



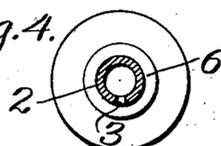
*Fig. 2.*



*Fig. 3.*

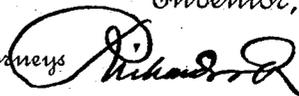


*Fig. 4.*



Witnesses  
James F. Duhamel  
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By his Attorneys 

# UNITED STATES PATENT OFFICE.

JULIUS JUDELSON, OF NEW YORK, N. Y.

## CLOTHES-DRIER.

**SPECIFICATION** forming part of Letters Patent No. 758,451, dated April 26, 1904.

Application filed February 1, 1904. Serial No. 191,584. (No model.)

*To all whom it may concern:*

Be it known that I, JULIUS JUDELSON, a citizen of the United States, and a resident of the city of New York, in the county and State of New York, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a full, clear, and exact specification.

My invention relates to clothes-driers, particularly to that kind where the clothes are dried in a closed room or compartment, and has special reference to the hanger-bars employed in such driers.

In the driers heretofore in use it has been found invariably that the clothes when taken from the drier showed a yellowish tinge or discoloration. This is due to the fact that there is not a sufficient circulation of air in and about the clothes while they are in the drier.

It is the object of my invention to remedy this defect, and I accomplish this object by constructing the hanger-bar in the manner hereinafter described.

In the accompanying drawings, which form part of my invention, and wherein like reference characters denote like parts throughout the several views, Figure 1 is a conventional form of drier, showing one of my improved hanger-bars in position. Fig. 2 is an elevational view of the hanger-bar. Fig. 3 is a plan view of the open head of the bar, and Fig. 4 is a plan view of the inner half of the head.

In the drawings, 1 represents the drier-frame, which may be of any approved construction.

2 indicates a tubular hanger-bar, which is preferably cylindrical in shape and is provided with apertures 3, progressively increasing in size from the open end to the closed end of the bar. At the end of the bar through which the air enters I provide a head 4, consisting of two sections 5 and 6. The section 5 is provided with a knob or bulging portion 7, cut away at 8. Through the portion 8 the air enters and emerges at the perforations 3 and diffuses

itself over the clothes suspended from the bar 2. The arrows 11 and 12 show where the air enters and emerges from the bar, respectively. The opposite end of the bar is closed by a head consisting of parts 9 and 10. This head may be of any suitable construction. I have found that illustrated in the drawings to be the most convenient in practice.

While I have illustrated a cylindrical bar, it is of course understood that the shape of the bar is immaterial, and any other convenient shape may be adopted. I may also use any number of perforations in the bar and any kind of head at each end, provided that one of the heads is cut away to allow the air to enter the bar.

In practice the bar is so placed in the drier that the perforations and the cut-away portion of the head point in a downward direction. The clothes are hung over the bar, and the air entering at 8 passes out of the perforations 3, thus bleaching the clothes and producing virtually the same effect as though they had been dried in the open air.

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

1. In a clothes-drier, a drier-frame comprising two uprights, a tubular bar supported by said uprights upon which the clothes are hung said bar having one open end and perforations in the under side of said bar.

2. In a clothes-drier the combination of the drier-frame and a hanger-bar secured therein, said hanger-bar comprising a tube having perforations increasing progressively in size from one end to the other, and being provided with a partially-cut-away head at one end and a closed head at the opposite end, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

JULIUS JUDELSON.

Witnesses:

H. M. KUEHNE,  
OTTO MUNK.