

(No Model.)

S. STEUERT.  
CLOTHES DRIER.

No. 469,308.

Patented Feb. 23, 1892.

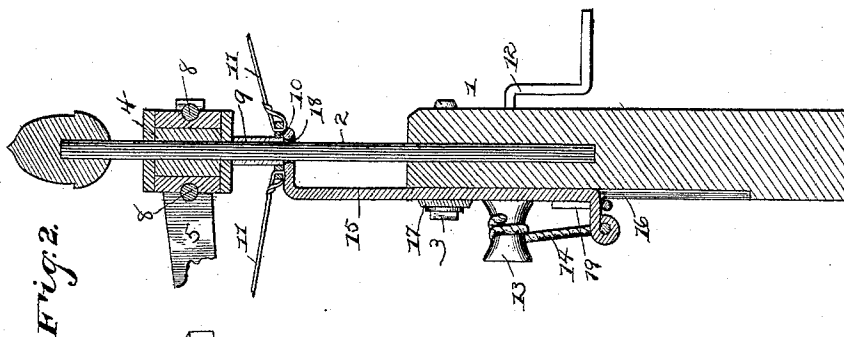


Fig. 2.

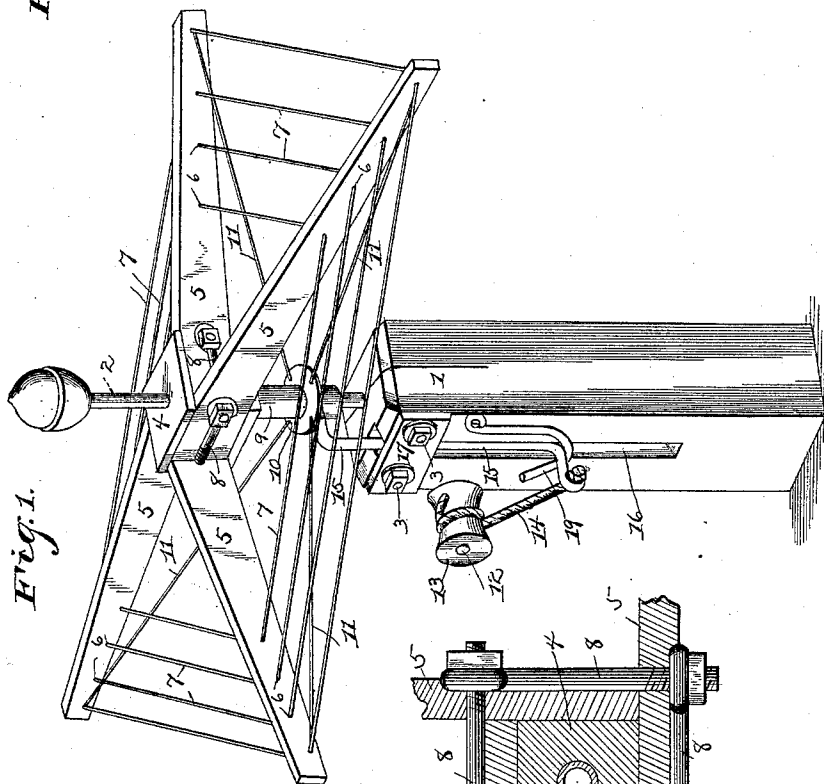


Fig. 1.

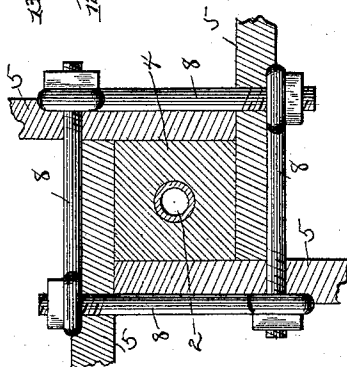


Fig. 3.

Witnesses

B. S. Ober,  
St. J. Riley

Inventor  
Samuel Steuert,

By his Attorneys,

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# UNITED STATES PATENT OFFICE.

SAMUEL STEUERT, OF FENNIMORE, WISCONSIN, ASSIGNOR, BY MESNE ASSIGNMENTS, OF ONE-HALF TO WILLIAM BIEDERMANN, OF SAME PLACE.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 469,308, dated February 23, 1892.

Application filed June 9, 1891. Serial No. 395,695. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL STEUERT, a citizen of the United States, residing at Fennimore, in the county of Grant and State of Wisconsin, have invented a new and useful Clothes-Drier, of which the following is a specification.

The invention relates to improvements in clothes-driers.

10 The object of the present invention is to simplify and improve the construction of clothes-driers, and to increase their strength and durability and to enable them to be readily raised and lowered.

15 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto annexed.

20 In the drawings, Figure 1 is a perspective view of a clothes-drier constructed in accordance with this invention. Fig. 2 is a vertical sectional view. Fig. 3 is a detail sectional view.

25 Referring to the accompanying drawings, 1 designates a wooden standard having secured to its upper end and extending longitudinally of it a tubular rod 2, which has its lower end arranged in a socket of the standard and clamped therein by the standard, which is split and is secured by bolts 3. The rod 2 forms a spindle for a metal hub 4, which is rotatively mounted on the rod and carries drier-arms 5, provided with series of

30 openings 6, in which are arranged wires 7, adapted to receive clothes, and the drier-arms and the wires form a rack or frame, which is lowered and arranged at the top of the standard to bring it within easy reach for hanging clothes, and after the clothes are hung upon the drier frame or rack it is raised and is held up out of the way. The metal hub 4 is provided in its side faces with recesses, in which are arranged the inner ends of the drier-arms 5, which are secured to the hub by eyebolts 8. The drier-arms are four in number and the hub is rectangular in horizontal section, and the eyebolts are arranged at the inner ends of the arms on the outer

50 faces thereof in recesses with their threaded

portions extending beyond the ends of the arms, and the extended threaded portion of an eyebolt of one arm passes through the adjacent arm and engages the eyebolt of the same and is secured in the eye of the bolt by 55 a nut. By this arrangement the eyebolts are connected together and securely clamp the arms to the hub and retain them in the recesses. Arranged beneath the hub and on the rod is a sleeve 9, which is provided at its 60 lower end with a disk 10, and is connected with the outer ends of the arms by stay-wires 11, which brace the drier frame or rack.

The drier-frame is elevated by a windlass consisting of a shaft 12, journaled in the 65 standard and passing therethrough and provided at one end with a crank-handle and having its other end carrying a drum 13, around which is wound a rope 14, having one end attached to a lifting-bar 15. The 70 lifting-bar is arranged in the longitudinal groove 16 in one of the faces of the standard and is retained therein by a plate 17, and it has its upper end 18 bent inward and provided with an eye arranged on the rod 2 and 75 engaging the lower end of the sleeve and adapted to raise the drier-frame, and the lower end of the lifting-bar is bent outward and provided with an eye in which the rope 14 is secured. The drier-frame is held in its 80 elevated position by a swinging hook 19, pivoted to the standard and arranged to support the lower outwardly-bent end of the lifting-bar.

It will be seen that the drier is simple and 85 comparatively inexpensive in construction, and is strong and durable and is easily operated.

What I claim is—

In a clothes-drier, the rotary drier-frame 90 comprising the rectangular hub having a central opening and provided in its sides with horizontal recesses, the drier-arms 5, having their inner ends arranged along the sides of the hub in the horizontal recesses thereof 95 and abutting against the sides of the adjacent arms and provided in their outer faces with grooves and openings, the groove of each arm arranged opposite the opening of the adjacent arm, the eyebolts extending 100

along the arms in the grooves thereof, and  
each eyebolt having its eye arranged at the  
opening of the arm and its threaded end pass-  
ing through the opening and the eyebolt of  
5 the adjacent arm, the nuts securing the eye-  
bolts together, and the wires connecting the  
arms, substantially as described.

In testimony that I claim the foregoing as  
my own I have hereto affixed my signature in  
presence of two witnesses.

SAMUEL STEUERT.

Witnesses:

A. L. HAYS,  
THOMAS SCANLAN.