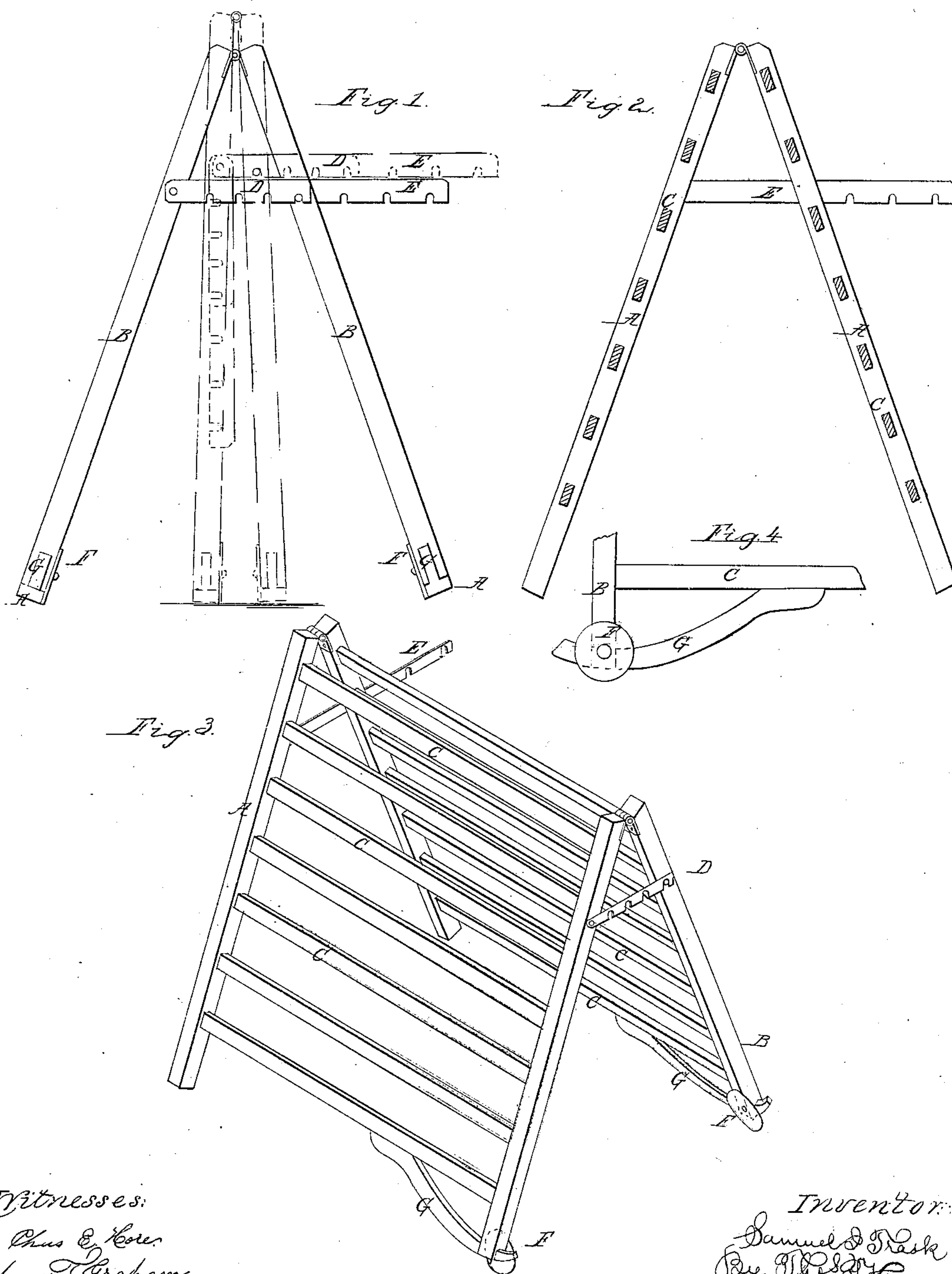


S. I. Trask,
Clothes Drier.

N^o 53,705.

Patented Apr. 3, 1866.



Witnesses:
Chas. E. Koser
James S. Graham

Inventor:
Samuel I. Trask
By Thos. J. How
Atty.

UNITED STATES PATENT OFFICE.

SAML. I. TRASK, OF GUILFORD, NEW YORK.

IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. 53,705, dated April 3, 1866.

To all whom it may concern:

Be it known that I, SAMUEL I. TRASK, of Guilford, in the county of Chenango and State of New York, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon.

My invention consists in the combination, with a clothes-drier composed of two ladder-like frames hinged to each other at the top, of two graduated latches of different lengths, so that by using the shorter of these latches the drier may be slightly spread so as to enable it to be readily moved through doorways and narrow or intricate passages, or up and down stairways, without difficulty, and by using the longer of these latches the drier may be spread to any extent required for drying the clothes; and it also consists in the combination, with a clothes-drier, of shoes and wheels or rollers, so that the drier, with the suspended clothes, may be readily moved by one person whenever required, as hereinafter more fully described.

In the drawings, Figure 1 is an end view of my improved clothes-drier, showing in red lines the position of the parts when slightly spread for being moved from one place to another, and in dotted blue lines the position of the longer latch when dropped to permit the drier to pass through a doorway or other narrow passage. Fig. 2 is a vertical cross-section of Fig. 1. Fig. 3 is a perspective view of the clothes-drier. Fig. 4 is a detail view of one of the wheels and the adjacent parts.

A are the front end pieces. B are the rear end pieces, or the ones to which the shoes and wheels are attached. C are the bars upon which the clothes are suspended for drying. The end pieces A, and also the end pieces B, are hinged together at their tops, so that the frames may be set at any required angle.

D is the shorter latch, pivoted to one of the end pieces, A or B, at one end of the drier, and catching by notches, as shown, upon a pin or its equivalent on the other end piece at the same end of the drier. E is the longer

latch, pivoted to one of the end pieces, A or B, at the opposite end of the drier from the latch D, and catching in the same way upon a pin, or its equivalent, in the other end piece. The longer latch E is designed to be used when it is desirable to extend the drier to a greater angle than the latch D will permit; and the latch D is designed especially to be used when the drier is being moved through doorways or narrow and intricate passages, or up and down steps or stairways, in which case the longer latch E is allowed to hang down, as represented in dotted blue lines in Fig. 1. In order that the end of the latch E may not hit against the door-post or balustrades, and thus interfere with the passage of the drier, I usually make the inner notch of the latch E to correspond in distance from the pivoting-point with the outer notch of the latch D; but this is immaterial.

F are the wheels or rollers attached to the lower ends of the end pieces B, which are made a little shorter than the end pieces A, so that when the drier stands upon the ends of the end pieces A and upon the wheels or rollers F the bars C may be horizontal. The wheels or rollers F may be attached to the end pieces B by screws or by any of the usual ways.

G are shoes attached to the bottoms or lower ends of the end pieces B and extending up to the lower bar, C, of the frames. Said shoes G may be curved on each side of the end pieces B, as represented in the drawings, which construction I prefer, or they may be simply inclined, the object of the said shoes G being to enable the drier, when being moved, to pass over any obstructions that may be in its way, and to pass up and down steps or stairs without the liability of the lower ends of the end pieces B striking against said obstructions or steps, and thus stopping the onward motion of the drier.

The advantage of my invention is that the drier can be placed beside the wash-tub and the clothes immediately hung upon it as they come from the wringer, and when full it can be partially closed and moved by one person to the place where the clothes are to be dried without disturbing or disarranging them, even

if it has to be through narrow doorways, up or down stairs, or through narrow and intricate passages.

I claim—

1. The combination, with the side frames which contain the bars for sustaining the clothes, and which are hinged together at the top, of the latches D and E, substantially in the manner and for the purpose set forth.

2. The combination, with the said side frames, constructed as described, of the shoes G and rollers F, the said shoes and rollers being on the same end of the clothes-drier, as and for the purpose hereinabove specified.

SAMUEL I. TRASK.

Witnesses:

THOMAS DICKINSON,
NATHAN W. CADY.