

J. CAFFREY.

Improvement in Clothes-Driers.

No. 132,196.

Patented Oct. 15, 1872.

Fig. 2.

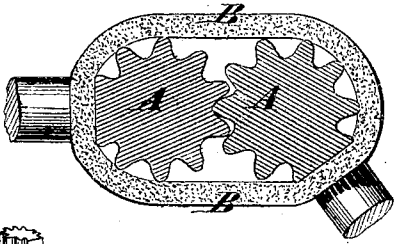
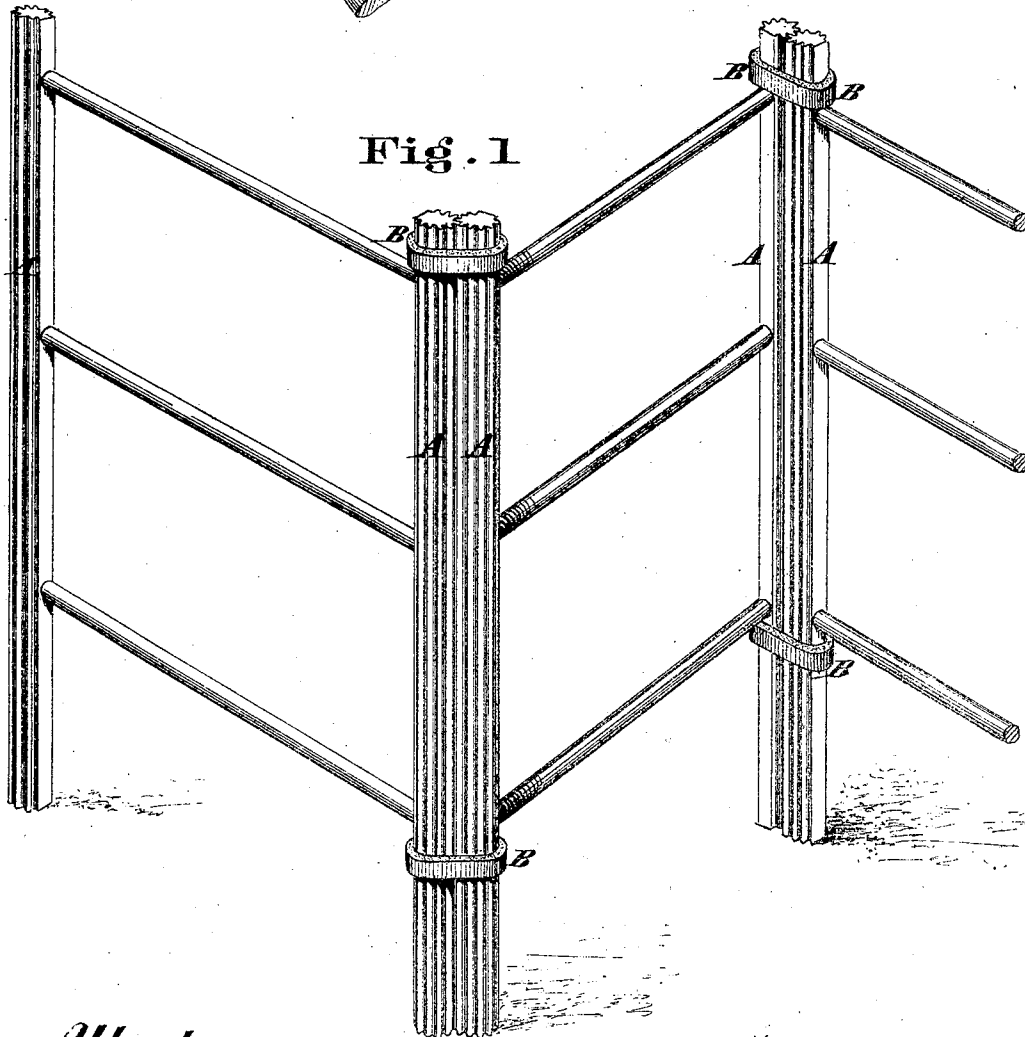


Fig. 1



*Attest*  
*W. P. Straub*  
*W. B. Bunn*

*Inventor*  
*James Caffrey*  
*By Hood & Boyd*  
*his attys.*

# UNITED STATES PATENT OFFICE.

JAMES CAFFREY, OF COVINGTON, KENTUCKY, ASSIGNOR TO LOUIS STOW,  
OF BALTIMORE, MARYLAND.

## IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 132,196, dated October 15, 1872.

*To all whom it may concern:*

Be it known that I, JAMES CAFFREY, of Covington, in the county of Kenton and State of Kentucky, have invented certain Improvements in Clothes-Driers, of which the following is a specification:

My invention relates to that class of clothes-driers which are made in sections or panels, and consists in fluting the standards of the panels in such a manner that when two of them are connected by any suitable means they fit like spur-gearing; the object of my invention being to keep the connected standards always perfectly parallel, whereby greater strength, durability, and neatness are secured, and the panels less liable to become warped.

Figure 1 is a perspective elevation of a clothes-drier embodying my invention. Fig. 2 is an enlarged cross-section of two of the connected standards thereof above the band B.

A A are the standards of each panel, which are connected by bars, as shown in Fig. 1, and are fluted all around except on their inner sides, where the bars enter, as shown in Fig. 2. B B are bands for attaching the panels, which may be removed and replaced at pleasure, one of these bands being placed above the upper, and the other below the under, bar of the panel. The bands are preferably made of elastic material, but metal will, in an inferior manner, answer the same purpose.

I am aware that clothes-driers made in detachable sections with smooth-surfaced standards are old, and that these have been con-

nected by elastic band, having had a patent granted to me March 12, 1872, for such a device. Practical experience and observation have, however, demonstrated to me, since the application for said patent, that these connected smooth standards cannot be kept parallel; that either a change of position of the panels or the sustained weight of the clothes is liable to force them out of parallel lines, which causes an extra strain on and wear of the elastic bands; and when left for any extended length of time in this position the panels and standards become so warped that they will not assume their former shape and position. To remedy these defects is the object of my present invention, which it not only does, but by the increased friction of the connecting-standards it is found that careless handling is not so liable to change the elevation of the respective panels. Any number of panels, of course, may be used, and these may be arranged in any desirable or convenient position.

Having thus described my invention, I claim—

A clothes-drier composed of two or more panels, the standards of which are fluted, as and for the purpose described, when the same are closely connected, to operate substantially as shown and described.

JAMES CAFFREY.

Witnesses:

EDWARD BOYD,  
WM. BURNEY.