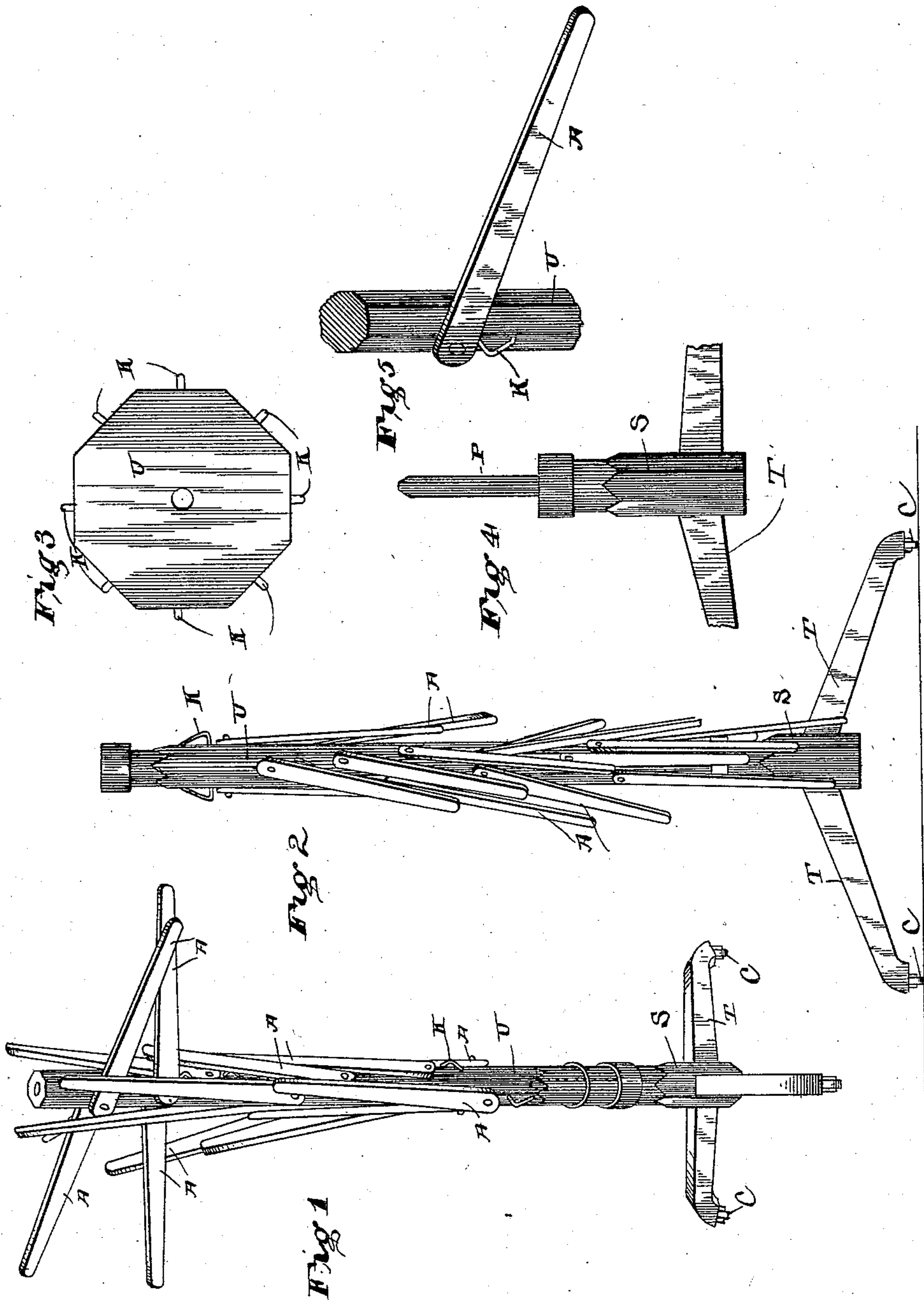


(No Model.)

J. M. HARMS.  
CLOTHES DRIER.

No. 455,325.

Patented July 7, 1891.



Witnesses

*Isaac Behrend*

*W. L. Goleamer*

By his Attorneys,

*C. A. Snow & Co.*

Inventor

*John M. Harms.*

# UNITED STATES PATENT OFFICE.

JOHN M. HARMS, OF PORT CLINTON, OHIO, ASSIGNOR OF ONE-HALF TO  
WILLIAM W. BATTIN, OF SAME PLACE.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 455,325, dated July 7, 1891.

Application filed January 16, 1891. Serial No. 378,005. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN M. HARMS, a citizen of the United States, residing at Port Clinton, in the county of Ottawa and State of Ohio, have invented a new and useful Clothes-Drier, of which the following is a specification.

This invention relates to clothes-driers; and the object of the same is to effect certain improvements in devices of this same general character.

To this end the invention consists in the details of construction hereinafter more fully described and claimed, and as illustrated in the accompanying sheet of drawings, wherein—

Figure 1 is a perspective view of this improved clothes-drier, showing several of the arms in use. Fig. 2 is a side elevation showing the device out of use. Fig. 3 is an enlarged plan view of the upright. Fig. 4 is a side elevation of the base alone. Fig. 5 is an enlarged perspective view showing the manner in which each of the arms is supported.

Referring to the said drawings, the letter T designates a tripod having casters C in its feet and having a standard S, provided with an upwardly-projecting pin P, the whole comprising a supporting-base.

U is an upright of octagonal cross-section and having holes in its ends adapted to fit over said pin P. Pivoted to the various faces of this upright are arms A, the general arrangement of the pivots thereof being in a spiral around the upright. Adjacent each pivot and in the same face of the upright in

which the pivot is seated is located a bracket K, against which the side of the arm bears when it is turned down to its horizontal or operative position, as shown in Fig. 5.

The use of the device is best shown in Fig. 1, and clothes or towels may be hung upon the various arms in a manner well understood and there illustrated.

When the device is not in use, the arms may be turned to an upright position, and thereby the bulk of the device is considerably lessened; and when the device is not to be used for a considerable length of time the upright is turned the other end up, as shown in Fig. 2. The casters upon the feet of the tripod permit the base to be moved from place to place, and the pivotal mounting of the upright upon the pin P allows the upright to turn upon the base, as will be clear.

What is claimed as new is—

In a clothes-drier, the combination, with a base and an upwardly-projecting pin thereon, of an upright removable from the base, having holes in each end adapted to fit over said pin, arms pivoted at one end to the sides of said upright, and stops in said upright adjacent said pivots, all as and for the purpose set forth.

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

JOHN M. HARMS.

Witnesses:

THEODORE LINDEMAUER,  
W. W. BATTIN.