

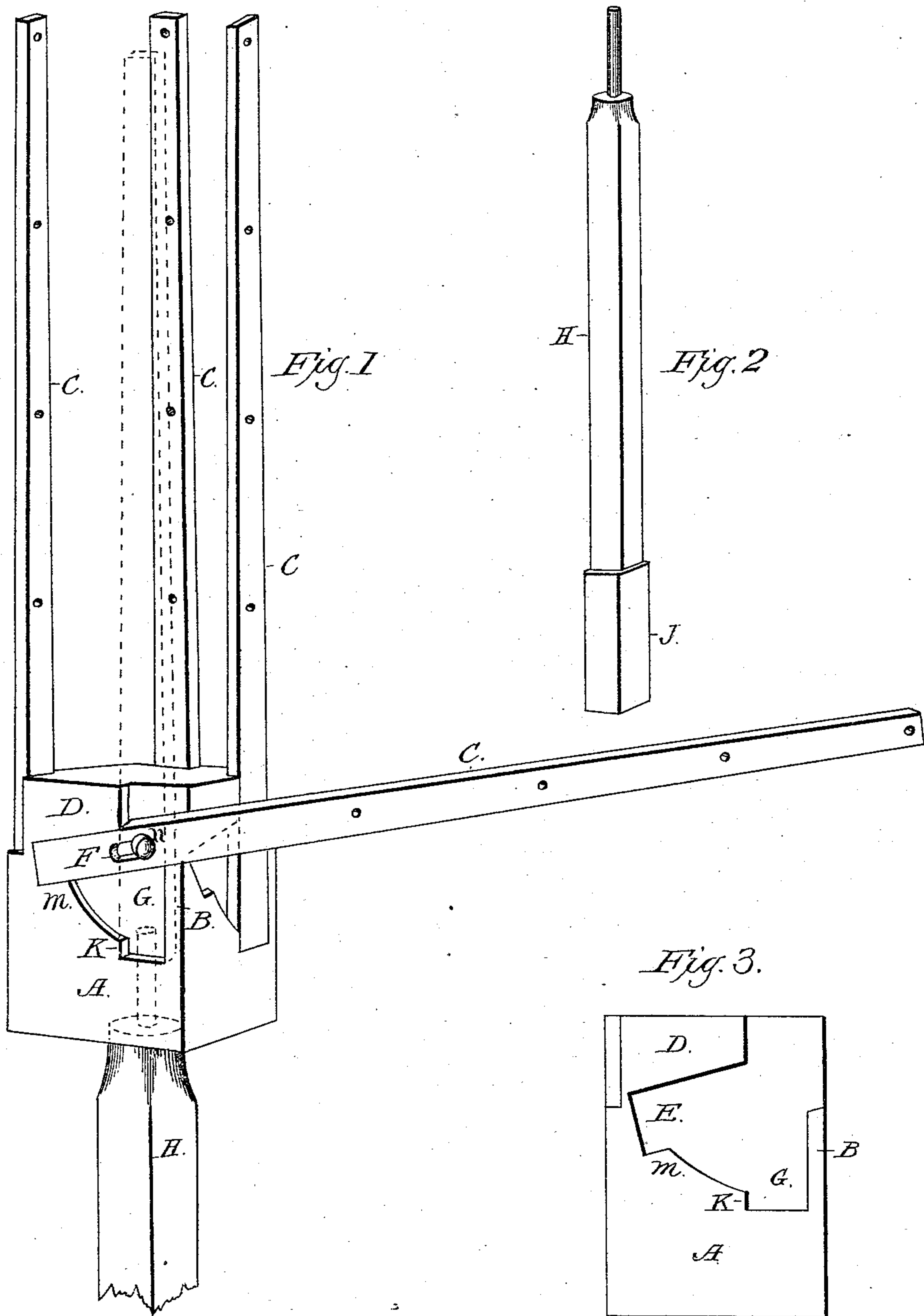
(Model.)

J. H. STUART.

CLOTHES REEL.

No. 277,171.

Patented May 8, 1883.



Witnesses;

Naphtali Mason  
Victor A. Greenleaf

Inventor;

Joseph Henry Stuart

# UNITED STATES PATENT OFFICE.

JOSEPH H. STUART, OF SOUTH PARIS, MAINE.

## CLOTHES-REEL.

SPECIFICATION forming part of Letters Patent No. 277,171, dated May 8, 1883.

Application filed March 15, 1883. (Model.)

*To all whom it may concern:*

Be it known that I, JOSEPH HARRY STUART, a citizen of the United States, residing at South Paris, in the county of Oxford and State of Maine, have invented a new and useful Improvement in the Construction of Clothes-Reels, of which the following is a specification.

My invention relates to a revolving clothes-reel, first, with sliding arms independent of each other, for strength and support; second, self-fastening lock when the reel is both spread and closed, as represented by cuts in the hub. I attain these objects by mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents the hub and arms of the reel with one arm spread. Fig. 2 represents the post on which the hub revolves. Fig. 3 represents a side view of the hub with the cut in it, which forms the lock for the arms when both closed and spread.

Similar letters refer to similar parts in the several views.

A is the hub in Fig. 1. G is the cut in the hub, bounded by the letters D M K B, in which cut the arm C moves in working the reel, in which cut the shoulders D, M, and B hold the arm C in position when open, and D, K, and B hold said arm C in position when closed. D and B are the shoulders which support the arm C when open. F is a slot in arm C, which

slides on the screw N when opening and shutting the arm C. H in Fig. 2 is the post on which the hub A revolves. J in Fig. 2 is the earth-box in which the post H stands, said earth-box being set in the ground.

Fig. 3 represents a view of the cut inside of the hub. Said cut is bounded by the letters D, M, K, and B, and the letters E and G represent the two locks that hold the arm in position when open or shut.

In order to operate the reel, take hold of the arm C and slide it up the length of the slot F; then swing said arm outward from the hub A until it comes in contact with the shoulders D and B; then slide the arm into the lock E, (represented in Fig. 3;) then said arm is spread.

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

In a clothes-drier, the combination of the hub A, provided on each side with the recess G, having stops K and M, as described, with arms C, having slots F, said arms being pivoted to said hub through the slots, as and for the purposes set forth.

JOSEPH HARRY STUART.

Witnesses:

NAPHTALI MASON,  
VICTOR A. GREENLEAF.