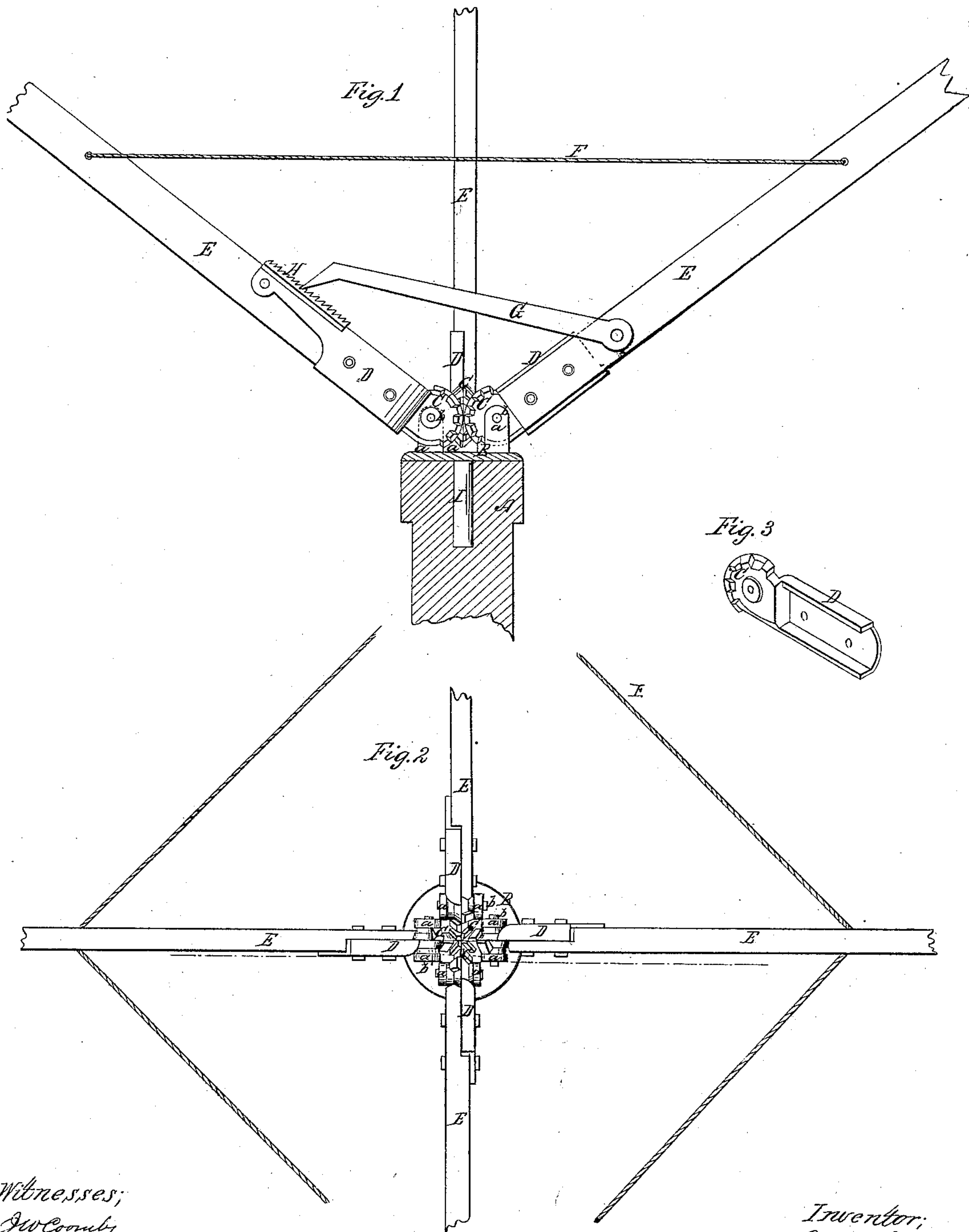


P. Cody Clothes Drier.

N^o 30,124.

Patented Sep. 25, 1860.



Witnesses;
Geo Combs
R S Spencer

Inventor;
Patrick Cody
per Munroe & Co
attys

UNITED STATES PATENT OFFICE.

PATRICK CODY, OF HAMILTON, NEW YORK.

CLOTHES-FRAME.

Specification of Letters Patent No. 30,124, dated September 25, 1860.

To all whom it may concern:

Be it known that I, PATRICK CODY, of Hamilton, in the county of Madison and State of New York, have invented a new and Improved Clothes-Drying Frame; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a front sectional view of my invention. Fig. 2, a plan or top view of the same.

Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to an improvement in that class of clothes-drying frames in which folding arms are employed.

This invention consists in connecting the inner ends of the arms together by gears arranged as hereinafter fully shown and described, whereby the arms may be readily and compactly folded when not designed for use, and also readily adjusted in proper position to receive the clothes when required.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents a vertical post on the upper end of which a metal casting B, is placed. This casting is simply a circular plate provided with vertical lugs *a*, in which the axles *b*, of gears C are fitted.

The gears C, may be of any suitable size and of bevel or miter form so that they may gear into each other as shown clearly in Fig. 2, the teeth at one side of each wheel being opposite the spaces between the teeth at the opposite side. This arrangement of the gears C, admit of a simultaneous movement of all of them by moving any one. Each gear C, is connected or cast with a plate D, to each of which a wooden arm E, is at-

tached by screws or bolts *c*. These arms E, may be of any suitable length and bored with holes at proper distances apart, through which cords F, pass.

The cords F, retain the arms E, at a proper inclination, and to one of the arms E, there is attached a pawl G, which when the device is spread ready for use engage with a rack H, on the opposite arm and prevents the casual folding of the arms under the action of the wind, see Fig. 1. One or more pawls and racks may be used as desired.

The plate B, is provided with a central pin I, which projects down from its under side and is fitted in the post A. The frame is therefore allowed to rotate by the action of the wind.

From the above description it will be seen that by raising either arm E, all of them will be simultaneously raised and folded and that the machine when not desired for use may be folded compactly with facility, and stowed away and also readily adjusted on its post when desired for use.

The pawls G, and racks H, also it will be seen prevent a casual folding of the frame by the action of the wind and the drying process is allowed to proceed uninterruptedly.

I do not claim broadly a folding rotary frame formed of inclined arms, for they have been previously used; but,

I do claim as new and desire to secure by Letters Patent—

The connecting of the inner ends of the arm E, of a folding clothes frame by bevel or miter gears C, substantially as set forth.

PATRICK CODY.

Witnesses:

J. MASON,
HENRY POWERS.