

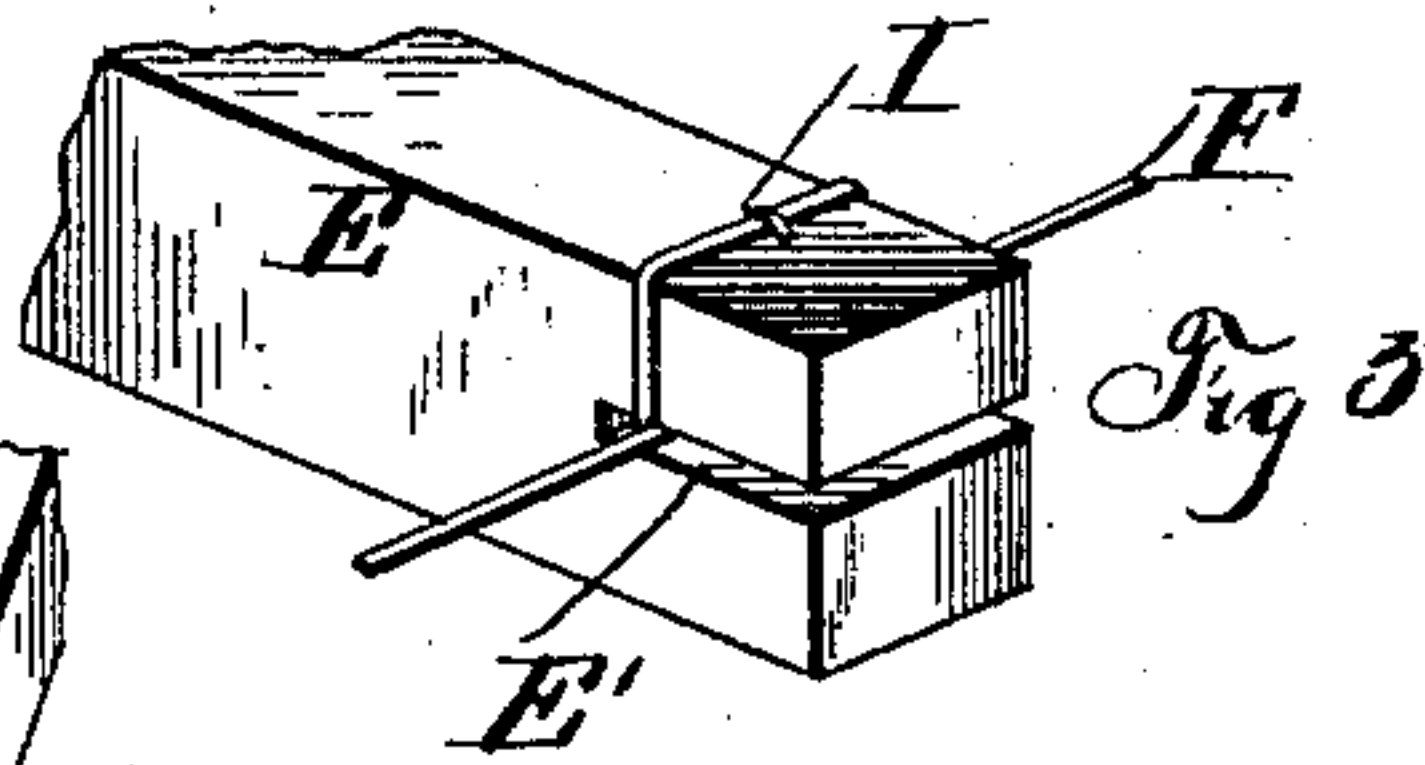
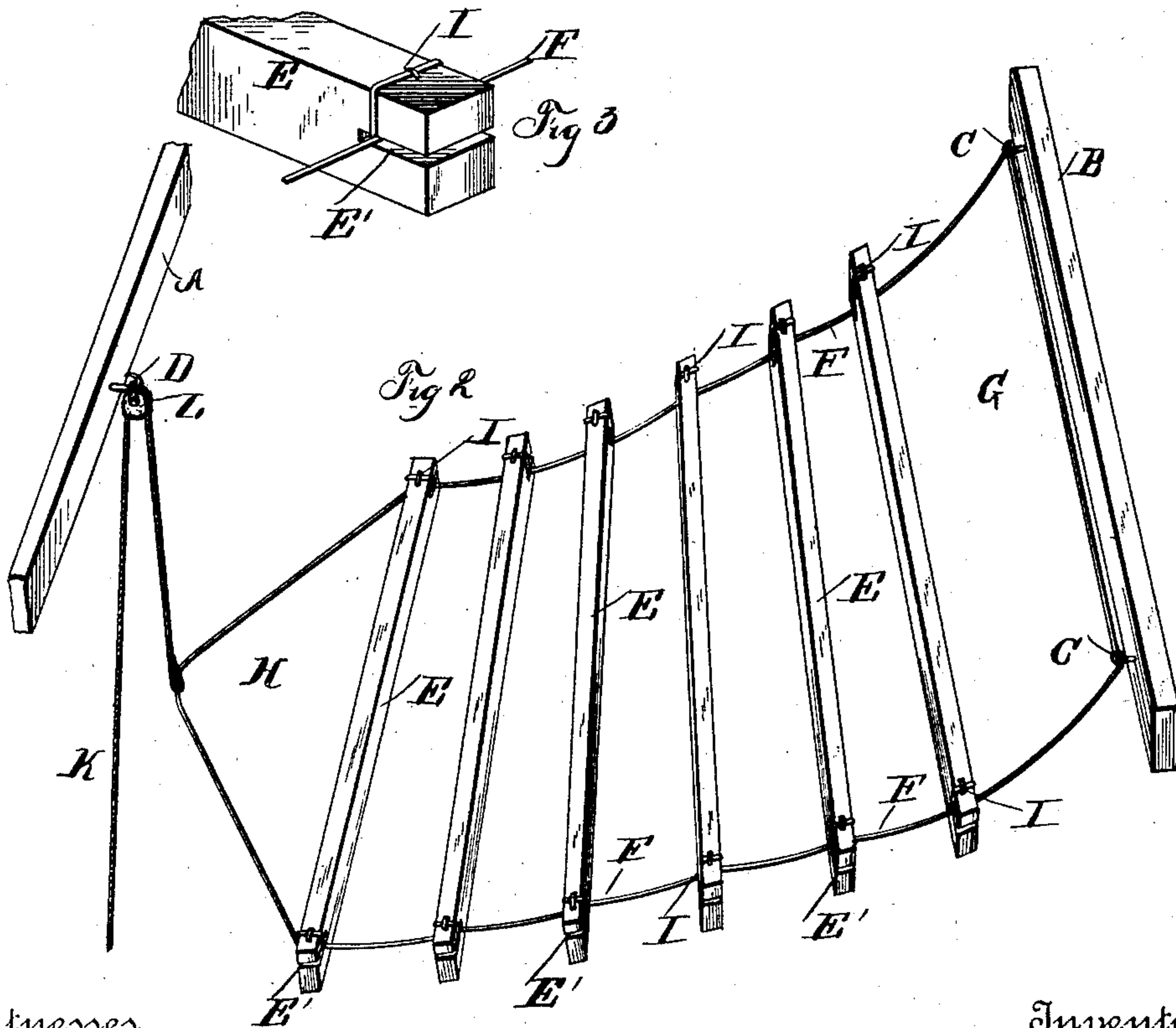
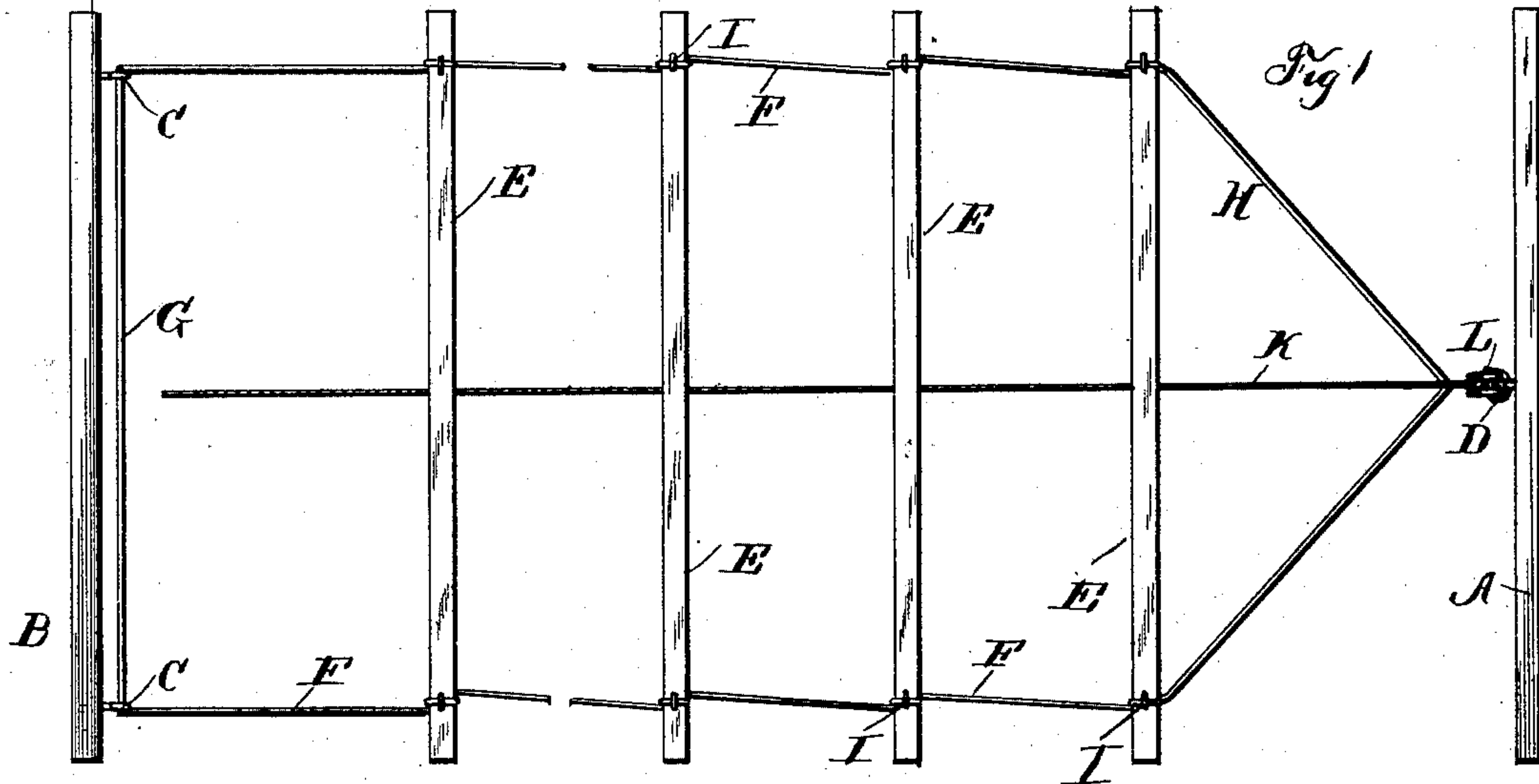
(No Model.)

G. W. LANGFORD.

CLOTHES RACK.

No. 375,639.

Patented Dec. 27, 1887.



Witnesses
F. L. Ouraud
Benj. H. Cowf.

Inventor
George W. Langford,
By his Attorneys
Lauris Daggler & Co.

UNITED STATES PATENT OFFICE.

GEORGE W. LANGFORD, OF EYLAR, ILLINOIS.

CLOTHES-RACK.

SPECIFICATION forming part of Letters Patent No. 375,639, dated December 27, 1887.

Application filed May 17, 1887. Serial No. 238,515. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. LANGFORD, a citizen of the United States, and a resident of Eylar, in the county of Livingston and State of Illinois, have invented certain new and useful Improvements in Clothes-Racks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a top plan view of my new and improved adjustable clothes-rack. Fig. 2 is a perspective view of the same, showing the rack lowered at one end by its cord or rope; and Fig. 3 is a detail view on one end of one of the cross bars or slats.

The same letters of reference indicate corresponding parts in all the figures.

My invention relates to that class of clothes-driers in which the rack is adapted to be adjusted or lowered at one or both ends for convenience in placing the wet clothes upon it, and which can then be raised or drawn up near the ceiling of the room, where the most heat is found, and where the rack is also out of the way.

My improved adjustable clothes-rack will be hereinafter fully described and claimed.

Referring to the several parts by letter, A B indicate the cross-pieces or brackets, which are secured to the side walls of the room opposite one another, and in which the hooks C C and D are secured; or these cross-pieces or brackets may be dispensed with when desired, and the hooks screwed or secured directly in the walls, as will be readily understood.

E E indicate the parallel cross pieces or slats of my improved clothes-rack, which may be made of metal, if desired, but which are preferably made of light pine wood, so that their weight is but little. These cross-slats are preferably three feet in length, the two end slats of the series being preferably one inch square in cross-section, while the middle slats may be one inch by one-half inch in cross-section, these sizes giving quite sufficient strength.

The said slats are slotted longitudinally for

the depth of about two inches at each of their ends at E' E'.

F indicates the wire which forms the outer frame of my improved clothes-rack, this frame-wire being all in one piece, preferably, and being bent to form the end loops, G and H, and the sides of this wire frame are bent around the upper side of the ends of the slats after passing through the end slots of the same, the wire being first passed through the slot and then bent around the upper part of the slotted end, and then again passed through the slot, as clearly shown in detail view, Fig. 3 of the drawings, this arrangement of the wire effectually preventing the slats from slipping under the weight of the clothes, or at any other time, holding them always parallel with one another, and the ends of the slats are further prevented from slipping by means of small staples I, which are driven into the upper end of each slat, overstraddling the loop of wire on the top of the ends of the slats, as clearly shown in the said detail view, Fig. 3.

In operation the broader end loop G, which I shall call the left-hand end of the wire frame, is hooked over the two hooks C C, and the adjusting cord or rope K is secured at one end to the middle of the other or right-hand end loop H, and then passes over the pulley L, which is hung on the single hook D, this single hook D being directly opposite the center of the space between the two hooks C C, and preferably in the same horizontal plane. Now by loosening the free end of the rope K the right-hand end of the rack-frame can be lowered, so as to permit of the clothes being easily and conveniently hung on the transverse parallel slats E E, and after the rack has been filled by drawing down upon the free end of the adjusting cord or rope the right-hand end of the rack can be raised, so as to draw the rack up in a horizontal plane near the ceiling of the room, where the greatest warmth always is to be found; and the rack is then secured in its raised or elevated position by securing the free end of the rope K around any suitable hook or cleat.

If desired, an adjusting-rope can be arranged at each end of the rack-frame, as will be readily understood, so that both ends of the rack

can be lowered at the same time; but this is hardly necessary, as it is amply sufficient to lower one end of the frame or rack, which brings all of the slats down within convenient reach.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my invention will be readily understood.

It will be seen that my improved adjustable clothes-rack is simple and strong in construction and can be manufactured at a small cost, the outside frame being merely a single piece of wire, (wire clothes-line of the ordinary construction is preferably used,) while the cross-slats are plain light wood, the ends of which are slotted by means of a circular saw, and the small staples are cheap, and may, indeed, be dispensed with, if desired, as the slats are not at all likely to slip on the wire frame after the wire has been wrapped around their upper ends and passed twice through their end slots, as described.

My improved clothes-rack is exceedingly convenient in operation, as it can be lowered in a moment by merely loosening the free end of the adjusting cord or rope, and as soon as the rack has been filled with the wet clothes, or as many placed on it as desired, it is again

raised in a moment by drawing upon the free end of the said rope, and held in its raised position by fastening the said end of the rope around a convenient hook or cleat. The hooks C C and D can either be secured in the brackets A and B, which are in turn secured to the walls, or may be secured directly in the walls, dispensing with the said cross-pieces or brackets.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The combination, with the stationary supporting-hooks and the pulley arranged as described, of the adjustable clothes-rack consisting of the transverse slats formed with the end slots, the wire frame bent around and through the said slotted ends, and the staples arranged as described, and the elevating rope or cord, all substantially as and for the purpose set forth.

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

GEORGE W. LANGFORD.

Witnesses:

J. M. ROGERS,

M. H. LANGFORD.