(Model.)

D. K. HICKOK.

CLOTHES DRIER.

No. 422,410. Patented Mar. 4, 1890.

Fig. 1.

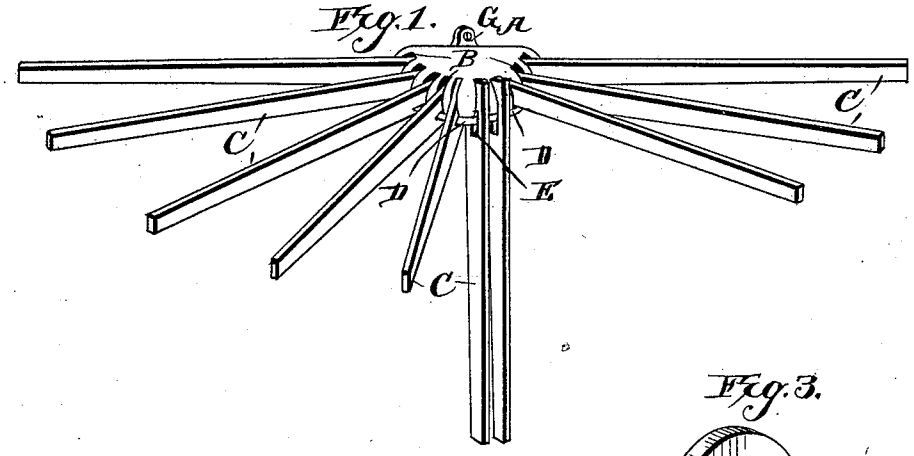


Fig. 2.

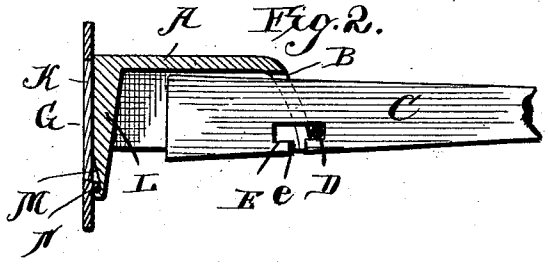


Fig. 3.

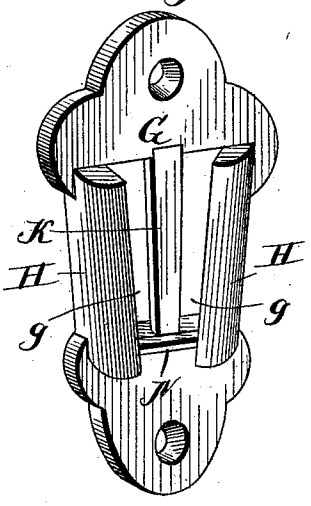
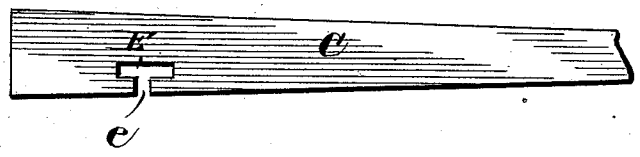


Fig. 4.



Witnesses.
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UNITED STATES PATENT OFFICE.

DEWEY KELLOGG HICKOK, OF MORRISVILLE, VERMONT.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 422,410, dated March 4, 1890.

Application filed March 19, 1889. Serial No. 303,827. (Model.)

To all whom it may concern:

Be it known that I, DEWEY KELLOGG HICKOK, a citizen of the United States, residing at Morrisville, in the county of Lamoille and State of Vermont, have invented new and useful Improvements in Clothes-Driers, of which the following is a specification.

The invention relates to improvements in clothes-driers; and it consists in a certain novel construction and combination of devices, fully described hereinafter in connection with the drawings, and specifically pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a clothes-drier embodying my invention. Fig. 2 is a central vertical sectional view of the same. Fig. 3 is a detail perspective view of the socket. Fig. 4 is a similar view of one of the drying-arms.

Referring by letter to the drawings, A designates a bracket, which is provided with a downward outer edge having notches B B, to receive the inner ends of the drying-arms C C, and D designates a continuous pivot-wire which extends around the periphery of the bracket at the open lower ends of the said notches and engages a longitudinal slot E in the drying-arm. The arms are applied to the pivot-wire by passing the latter through the notch *e*, which communicates with the said longitudinal slot.

When the pivot-wire is at the inner end of the slot E, the drying-arms are free to hang vertically in the folded position, as shown by a few of the arms in Fig. 1, and to arrange the arms in the operative position they are lifted to a horizontal position and then slipped rearwardly or inwardly until their ends engage the upper ends of the notches B and extend under the bracket.

G designates a socket-plate, which is provided with the downwardly-convergent flanges H H, having their adjacent edges beveled, so as to form a dovetailed socket. The portion of the plate between the flanges is cut away, as seen at *g*, to reduce the weight, leaving only a central vertical bar or rib K.

The bracket is provided at its rear edge with a depending arm L, which is dovetailed in cross-section and tapered toward its lower end to fit between the flanges of the plate, and this arm is provided on its rear side near its lower end with a notch M, which engages a transverse rib or shoulder N, located at or adjacent to the lower ends of the flanges.

The object of the central bar or rib K is to guide the arm L to its proper position and prevent it from being inserted through the opening *g* in the plate.

The rib or shoulder N prevents the arm L from being accidentally detached from the socket.

Having thus described the invention, I claim—

The combination of a socket-plate having a dovetailed socket and a shoulder or rib at the lower end of the socket, and the bracket provided with a dovetailed arm fitting in the said socket and having a notch to engage the said shoulder or rib, substantially as specified.

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

DEWEY KELLOGG HICKOK.

Witnesses:
RUSSEL S. PAGE,
SMITH B. WAITE.