

(No Model.)

C. H. MERRILL & L. A. BUTLER.
DEVICE FOR AIRING BEDCLOTHING.

No. 563,390.

Patented July 7, 1896.

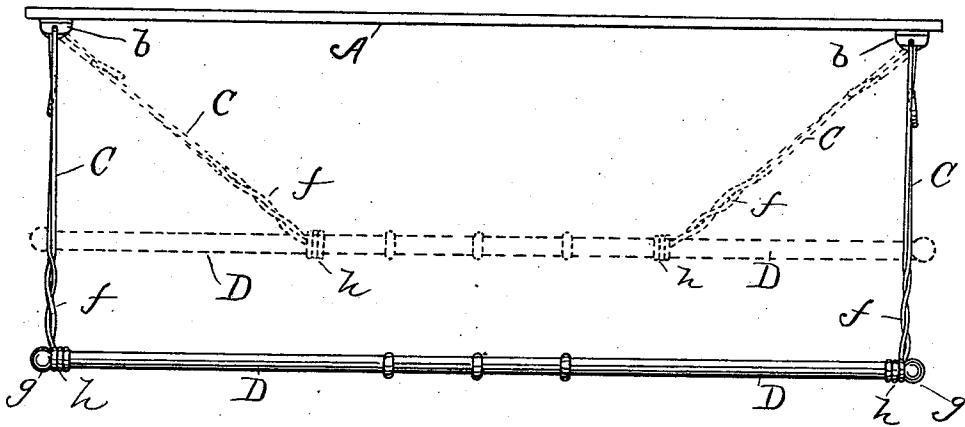


Fig. 1.

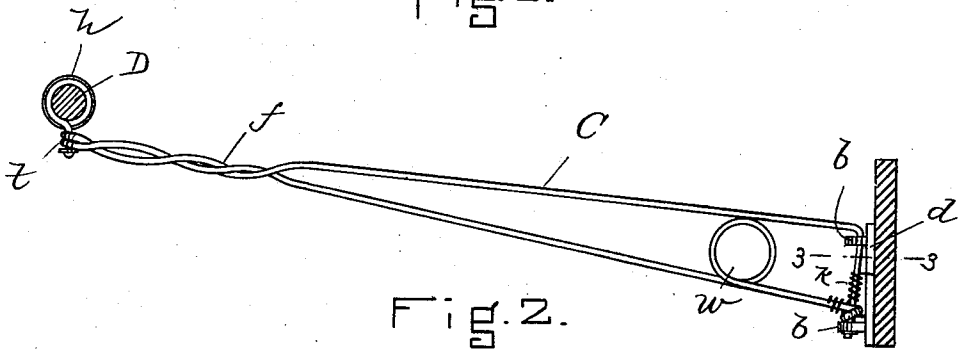


Fig. 2.

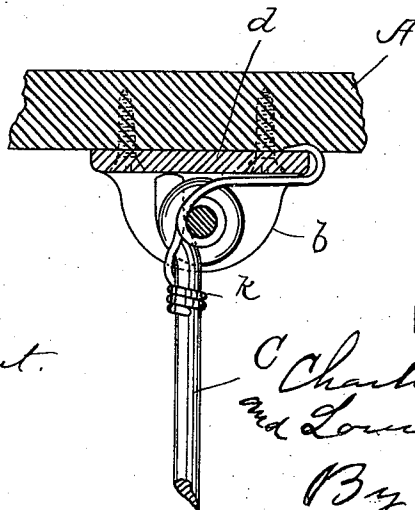


Fig. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR AIRING BEDCLOTHING.

SPECIFICATION forming part of Letters Patent No. 563,390, dated July 7, 1896.

Application filed October 7, 1895. Serial No. 564,835. (No model.)

To all whom it may concern:

Be it known that we, CHARLES H. MERRILL, of Stoddard, in the county of Cheshire, and LOUIS A. BUTLER, of Hillsborough, in the county of Hillsborough, State of New Hampshire, have made certain new and useful Improvements in Devices for Airing Bedclothing, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view showing the foot-board of a bed with our improvement attached; Fig. 2, a vertical transverse section of the same, and Fig. 3 a section taken on line 3 3 in Fig. 2.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

Our invention relates especially to a device attachable to the foot-board or other suitable portion of a bed and adjustable thereon for supporting the mattress and clothing of the bed when thrown over said board for the purpose of airing the same; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simple, cheap, and effective article of this character.

The nature and operation of the improvement will be understood by those conversant with such matters from the following explanation.

In the drawings, A represents the foot-board of an ordinary bedstead. To this board plates *d* are secured, said plates being provided with eyes *b*. In these eyes arms *C* are pivoted to swing horizontally, said arms being constructed, respectively, from single strands of wire rod bent upon itself forming an eye *t*, and then twisted at *f*, the two ends of the rod

being spread and inserted in the respective plate-eyes *b*. As thus formed, the rods make swinging brackets, the lower arms of which are wound to form a coiled spring *w* to relieve the vertical strain on said brackets. Torsion-springs *k* on each of the bracket-pivots act to throw said brackets outward. In the outer end of each bracket vertically-arranged eyebolts *h* are swiveled. A wooden rod *D*, provided at each end with a head or knob *g*, is passed through the eyebolts on the brackets, said eyes being fitted to slide thereon.

When not in use, the brackets are folded against the foot-board, the eyes *h* slipping on the wooden rod, as indicated by dotted lines in Fig. 1.

By throwing the brackets outward until at right angles to the foot-board, where they are held by the torsion-springs with their eyes *h* in engagement with the knobs *g*, a support is formed which will receive and hold the bed-clothing, preventing it from falling to the floor when thrown over said foot-board in a manner which will be understood without a more explicit description.

Having thus explained our invention, what we claim is—

The bedstead in combination with the arms, *C*, constructed of single strands of wire bent to form springs, *w*; supports on the bedstead in which said arms are pivoted to swing laterally; eyes swiveled in the outer ends of said arms; springs for throwing said arms outwardly; and the wooden rod, *D*, disposed in said eyes and on which they are fitted to slide whereby the arms may be folded against the bedstead substantially as set forth.

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Witnesses:

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