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PATENTED AUG. 14, 1906.

F. & J. M. HOLLAND.

BED RISER.

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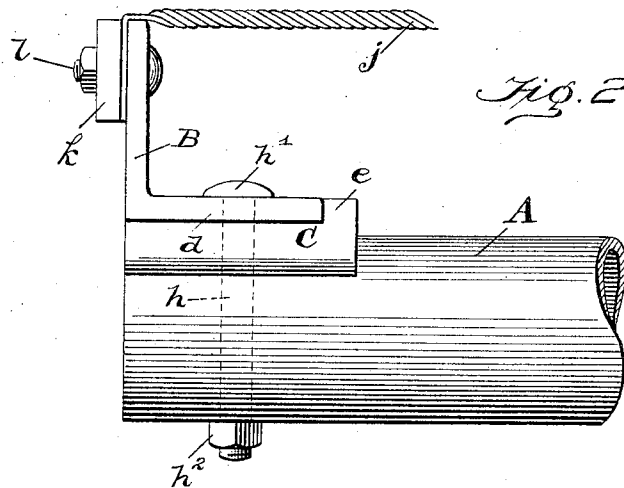
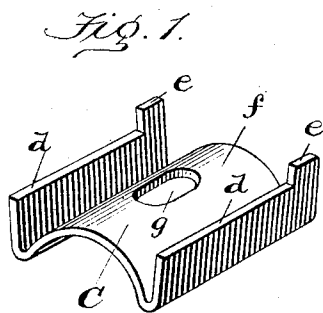
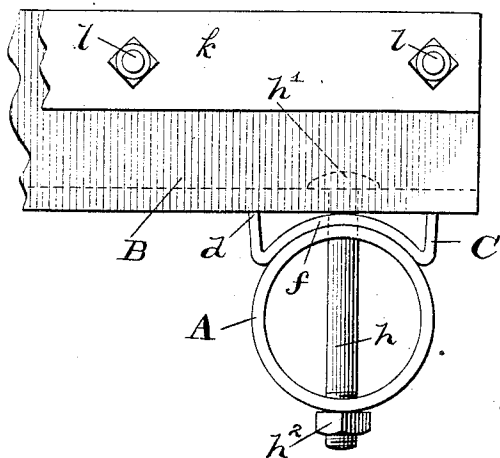


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANKLIN HOLLAND AND JAMES MONROE HOLLAND, OF BALTIMORE,
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BED-RISER.

No. 828,654.

Specification of Letters Patent.

Patented Aug. 14, 1906.

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To all whom it may concern:

Be it known that we, FRANKLIN HOLLAND and JAMES MONROE HOLLAND, citizens of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Bed-Risers, of which the following is a specification.

This invention relates to an improved bed-riser for supporting the angle-iron cross-bar to which is attached the woven-wire mattresses or other stretched-fabric beds. In this class of device each riser is suitably coupled on the side of a tube, of which two are employed with each mattress, these tubes serving as longitudinal stretcher-bars to keep the woven wire taut. A cross-bar of angle-iron is at each end of the mattress, and one of these bars rests upon and is secured to two of the corner bed-risers.

Our invention consists of the novel construction of a wrought or sheet metal bed-riser, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of the bed-riser. Fig. 2 is an elevation or side view of the bed-riser and an angle-iron bar coupled together on the side of the longitudinal stretcher-tube. Fig. 3 is an end elevation of the same parts shown in Fig. 2.

The side bar or stretcher A comprises a tube. The angle-iron bar B extends across the end of the mattress, one such being at each end. The improved riser C is interposed between the said tube and angle-bar. This riser is cut from flat sheet metal by means of dies. It has straight horizontal edges *d*, which serve as a seat for the angle-iron bar B to rest on, and at one end this seat has two upward-projecting lugs *e*, which serve as stops to resist the strain on the bar caused by the pull of the woven wire *j*. An arched portion *f* has its curved parts crossing over from one side of the horizontal seat to

the other side. This arch or curve *f* has a shape that adapts it to sit upon the stretcher-tube A saddle fashion, and an oval or slightly-elongated hole *g* is formed for the passage of a bolt *h*. The vertical bolt *h* has its head *h'* resting on the horizontal side of the angle-bar B and extends therefrom down through the said side of the bar, through the oval hole *g* of the riser, and thence through the tube A and is secured by a nut *h²* on the inner side of the tube. This construction is very simple and makes a firm cheap riser.

The woven wire *j* may be held by a clamp-plate *k*, secured to the vertical side of the angle-bar by bolts *l*.

This construction of sheet-metal riser stamped up is superior to cast-metal risers for several reasons, one being that these are all uniformly smooth and of regular shape, whereas some of the cast-metal ones have rough irregular projecting portions which either prevent them from sitting true on the stretcher-tube or prevent the angle-iron bar from resting on them true, besides, risers made in the manner here indicated are lighter in weight and cost less to manufacture.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A wrought sheet-metal bed-riser comprising two parallel upturned horizontal side edges, *d*, each provided at one end with an upward-projecting lug, an arched portion, *f*, connecting the base of said two upturned side edges.

In testimony whereof we affix our signatures in presence of two witnesses.

FRANKLIN HOLLAND.
JAMES MONROE HOLLAND.

Witnesses:

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