

A. H. STETSON.
 DEVICE FOR AIRING BEDCLOTHING.
 APPLICATION FILED FEB. 13, 1909.

936,827.

Patented Oct. 12, 1909.

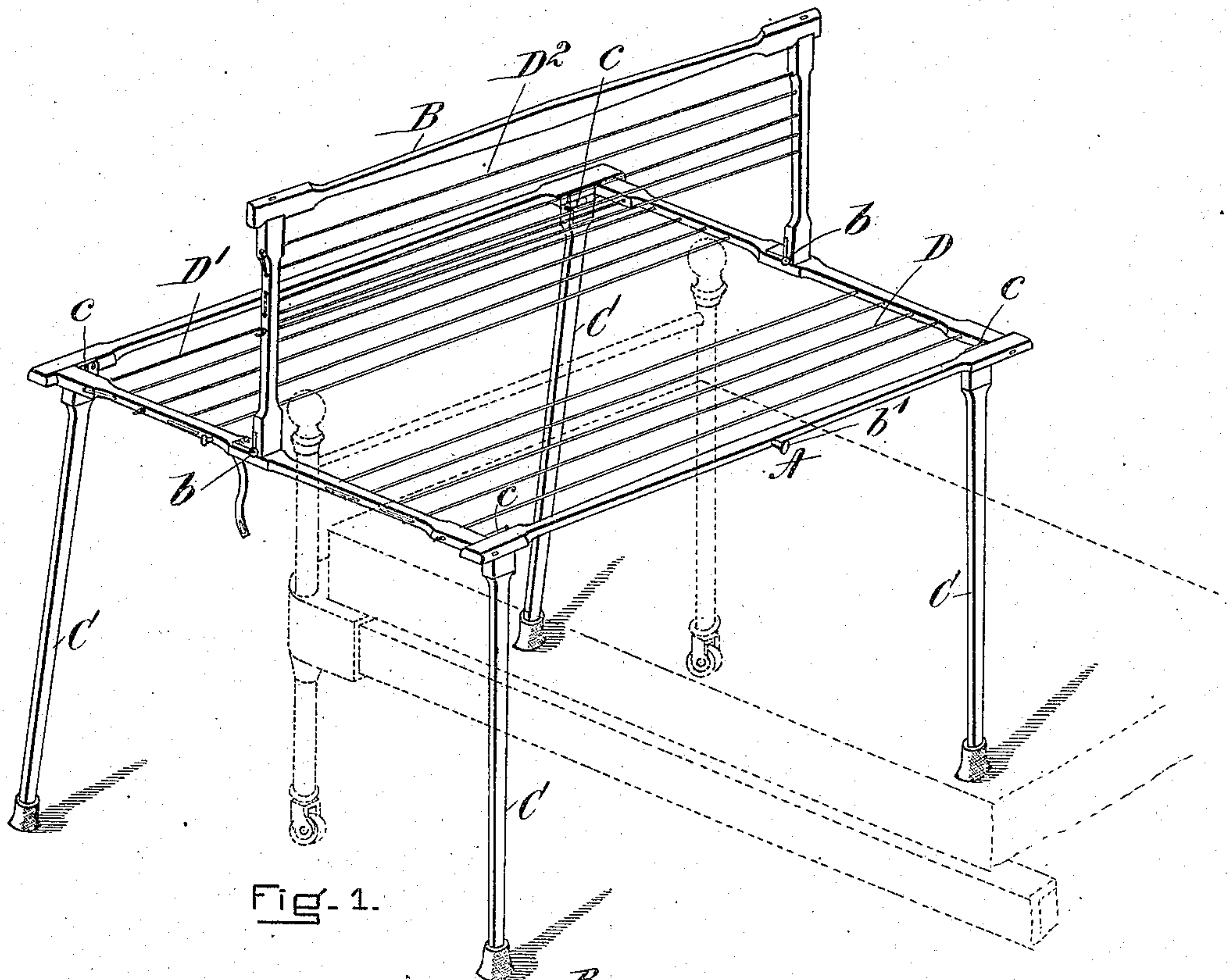


Fig. 1.

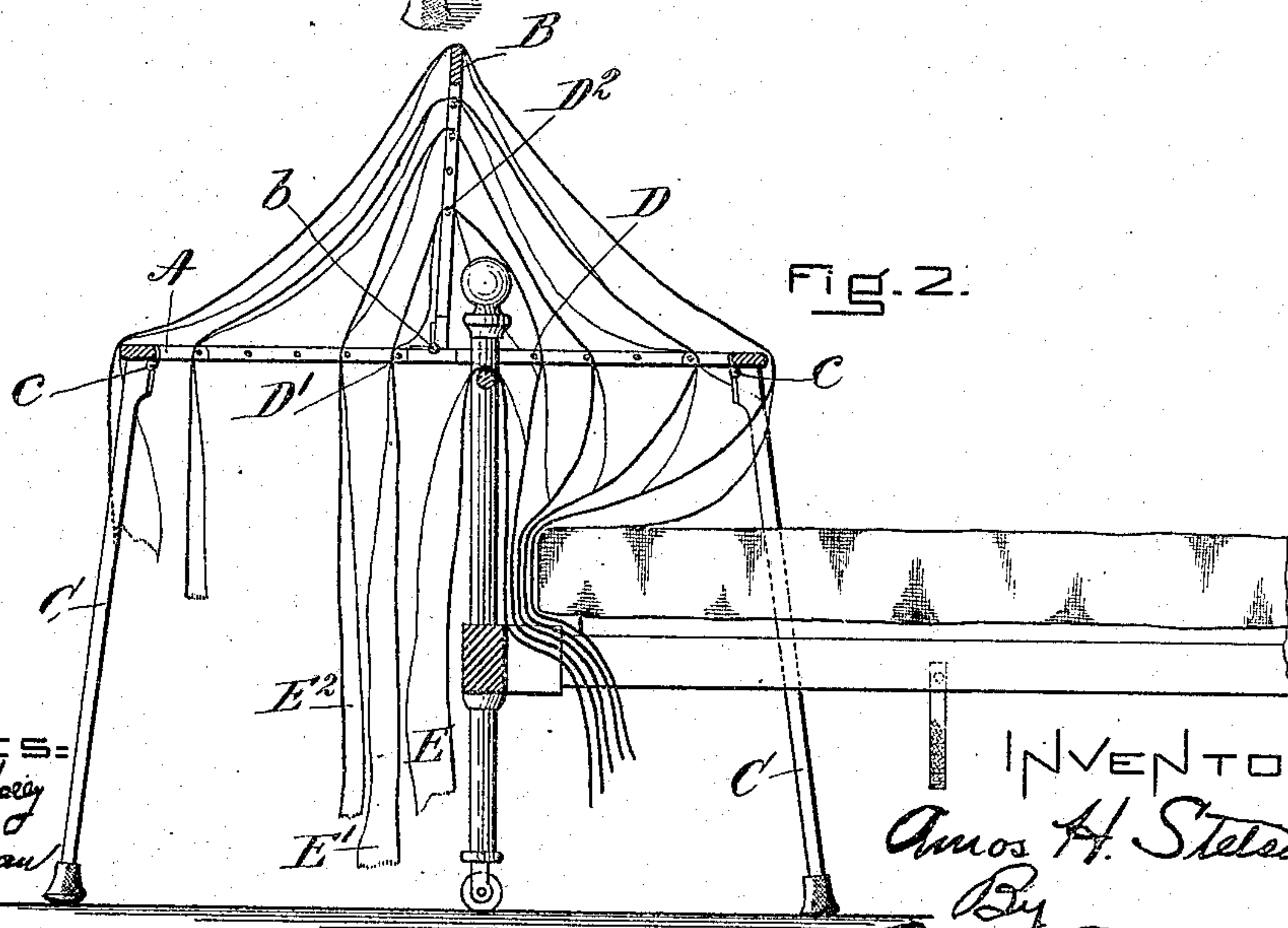


Fig. 2.

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UNITED STATES PATENT OFFICE.

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DEVICE FOR AIRING BEDCLOTHING.

936,827.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed February 13, 1909. Serial No. 477,789.

To all whom it may concern:

Be it known that I, AMOS H. STETSON, a citizen of the United States, and resident of Quincy, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Devices for Airing Bedclothing, of which the following is a specification.

My invention relates to a device for airing bed clothing.

As is well known, the common method of airing bed clothing is by throwing the various coverings over the foot of the bed one on top of another. It is equally well known that this method is very imperfect and non-hygienic; for while some of the coverings are thus exposed to the air, the clothing first thrown over the foot of the bed is so covered up that little or no fresh air reaches it.

The only way in which bed clothing can be properly and hygienically aired, is by exposing both sides of each covering to the air for a considerable length of time; and it is the object of this invention to provide a device whereby this result can be easily accomplished without wholly removing the bed clothing from the bed.

It is a further object of this invention to so construct said device that it shall be light, strong and durable, easily handled and adapted to be folded up so that it may be placed out of sight when not in use.

Figures 1 and 2 are respectively a perspective and sectional view of my improved device.

Referring to the drawings,—A is the main frame, preferably rectangular in shape, and made of a strong and light material.

C are supporting legs hinged to the frame A at *c* and adapted to be folded up against the said frame when the device is not in use.

B is the supplemental frame hinged at about the center of the main frame A at *b* and adapted to be folded down upon the latter. Said frame B is so mounted upon the frame A that when brought to its upright position as shown in Fig. 2 it inclines slightly toward the bed so as to maintain its upright position without other support.

D, D', are parallel supports upon the main frame A, and D² are similar supports upon the supplemental frame B. Said supports are preferably made of a flexible material,

such for example as braided cotton cord, which may be passed through holes provided for that purpose in the sides of the frames.

In use, the device is placed in the position shown in the drawings with the foot of the bed under the supplemental frame. The quilt, or outer covering, E, is first drawn up, without untucking it at the foot, and then thrown over the foot of the bed. The blanket, or second covering, E' is then drawn up and passed over the support D of the frame A nearest the center of said frame, then over the lowest support D² of the frame B, then down over the support D' nearest the center of the frame A. The third covering E² is then drawn up over a support D outside that supporting the covering E', then over a support D², above that supporting the covering E', then down over a support D' outside that supporting the covering E'. This process is repeated until all the clothing is supported on the frame as shown in Fig. 2. Each covering is thus hung separately with both sides exposed and can be easily and effectively aired. When all the bed clothing has been thoroughly aired and the bed is to be again made up, the coverings are merely drawn one by one from their supports and again placed upon the bed. The remaking of the bed is facilitated by the fact that the clothing is not untucked at the foot, and that the coverings are separate, in their proper order, and can therefore be quickly and easily spread upon the bed. When the bed clothing has been removed from the frame and the bed remade, the supplemental frame B and the supporting legs C are folded against the frame A, and secured thereto by straps (Fig. 1) or other suitable means, thus making a compact device which can be readily placed out of sight under the bed and conveniently secured by a loop upon the side rail of the bed adapted to engage a knob *b'* upon the frame.

As will be understood by reference to Fig. 2 of the drawings, each article of clothing may extend in successive planes angular with respect to each other, caused by the successive positioning of the article on its proper supports, and that successively positioned articles have approximately similar planes but parallel with the plane of the first article. It is to be understood, in this connection, that there is no requirement that each plane of a

single article be a single plane, since the article may sag between successive supports, but such sagging, by reason of the position of the supports relative to each other is not sufficient to permit contact of the successive articles. For this reason, I desire it to be understood that by the term "substantially parallel planes" reference is had to a plane extending between successive supports for a single garment and includes the sagging of the garment between such supports to an extent short of bringing successive articles on the frame into contact with each other.

What I claim is:

1. In a device for airing bed clothes, a frame extending on opposite sides of the vertical plane of one end of the bed when in operative position, and means carried thereby for supporting a plurality of articles of bed clothing on the frame, said means being positioned to support the several articles in substantially parallel and relatively superposed planes and spaced one relatively to another.

2. In a device for airing bed clothing, a frame extending on opposite sides of the vertical plane of one end of the bed when in operative position, and means carried thereby for supporting a plurality of articles of bed clothing on the frame, said means being positioned to support the several articles in substantially parallel and relatively superposed planes, each article extending in successive planes angular with respect to each other, said means spacing the articles one relatively to the other.

3. In a device for airing bed clothing, a frame extending on opposite sides of the vertical plane of one end of the bed when in operative position, and means carried thereby for supporting a plurality of articles of bed clothing on the frame, said means comprising a plurality of parallel supports positioned to provide spaced supports for each article, the articles extending in successive planes angular with respect to each other, the planes of adjacent articles being in substantial and relatively superposed parallelism.

4. In a device for airing bed clothing, a frame extending on opposite sides of the vertical plane of one end of the bed when in operative position, and means carried thereby for supporting a plurality of articles of bed clothing on the frame, said means comprising a plurality of parallel supports positioned to provide more than two spaced supports for each article, the articles extending in successive planes angular with respect to each other, the planes of adjacent articles being in substantial and relatively superposed parallelism.

5. In a device for airing bed clothing, a frame extending on opposite sides of the vertical plane of one end of the bed when in operative position, and means carried thereby

for supporting a plurality of articles of bed clothing on the frame, said means comprising a plurality of series of supports, each series extending on an approximate plane, the plane of one of said series being angular with respect to the plane of another series, the inner support of each series forming one of a plurality of supports for a single article, the successive supports of each series forming similar and relatively superposed supports for successive articles, said supports being positioned to retain adjacent articles out of contact with each other on the frame.

6. In a device for airing bed clothing, the combination of a substantially horizontal main frame, provided with supporting legs, a supplemental frame arranged to stand at an angle to said main frame, and parallel supports on the main and supplemental frames, one support of each of the frames being adapted to form one of a plurality of supports for an article of bed clothing, successive supports providing similar supports for successive articles, the supports being positioned to retain the articles out of contact.

7. In a device for airing bed clothing, the combination of a rectangular substantially horizontal main frame, provided with supporting legs, a rectangular supplemental frame arranged to stand at an angle to said main frame, and parallel supports on the main and supplemental frames, one support of each of the frames being adapted to form one of a plurality of supports for an article of bed clothing, successive supports providing similar supports for successive articles, the supports being positioned to retain the articles out of contact.

8. In a device for airing bed clothing, the combination of a substantially horizontal main frame provided with supporting legs, a supplemental frame mounted midway on said main frame and arranged to stand at an angle to said main frame, and parallel supports on the main and supplemental frames, one support of each of the frames being adapted to form one of a plurality of supports for an article of bed clothing, successive supports providing similar supports for successive articles, the supports being positioned to retain the articles out of contact.

9. In a device for airing bed clothing, the combination of a substantially horizontal main frame provided with supporting legs, a supplemental frame hinged to said main frame and arranged to stand at an angle to said main frame, and parallel supports on the main and supplemental frames, one support of each of the frames being adapted to form one of a plurality of supports for an article of bed clothing, successive supports providing similar supports for successive articles, the supports being positioned to retain the articles out of contact.

10. In a device for airing bed clothes, a frame, and means carried thereby for supporting a plurality of articles of bed clothing on the frame, said means being positioned relative to a bed to support the several articles in substantially parallel and relatively superposed planes, the articles being spaced one from the other and extending on

opposite sides of the plane of one end of the bed.

Signed by me at Boston, Massachusetts
this fifth day of February 1909.

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AMOS H. STETSON.

Witnesses:

CHARLES D. WOODBERRY,
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