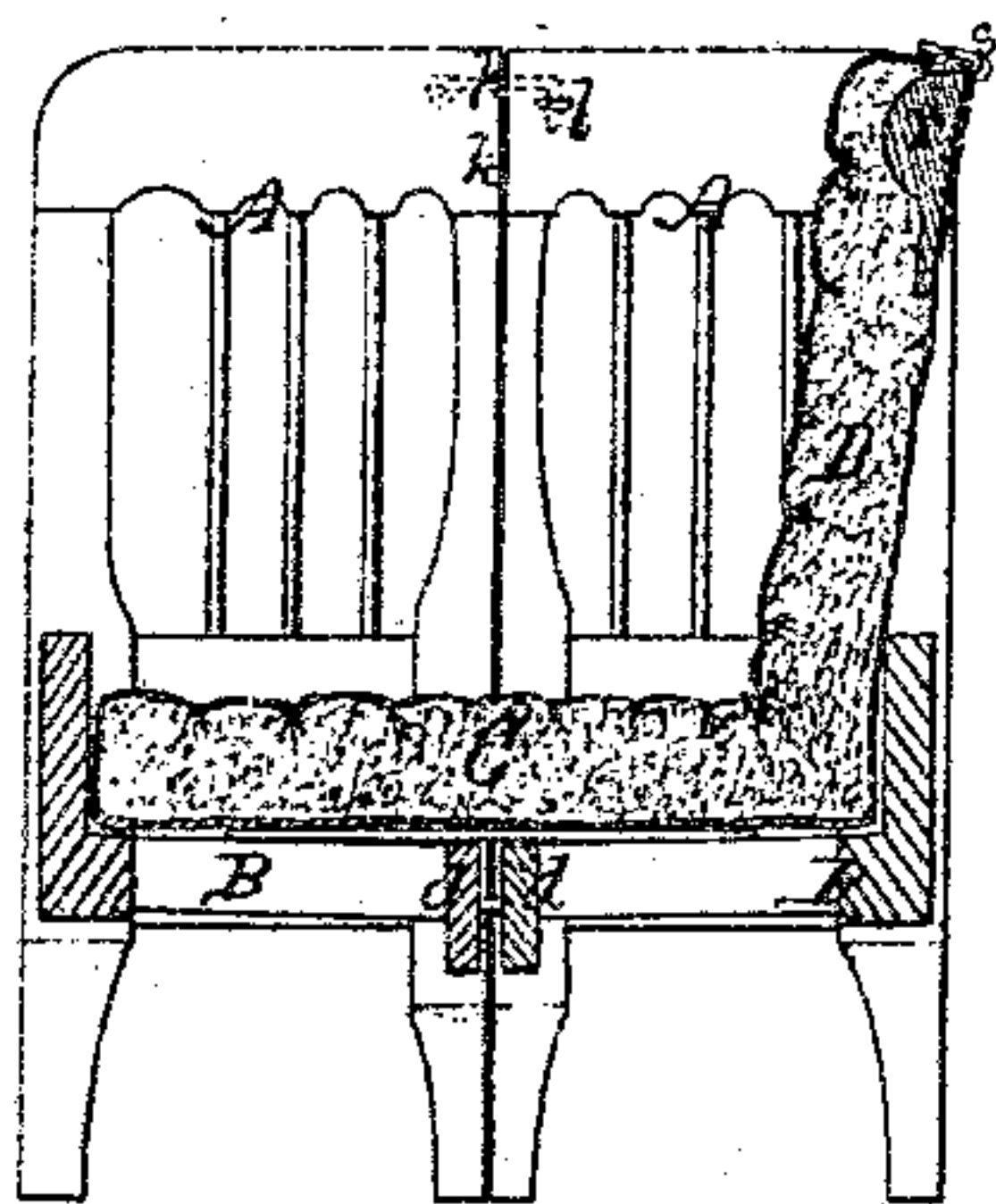
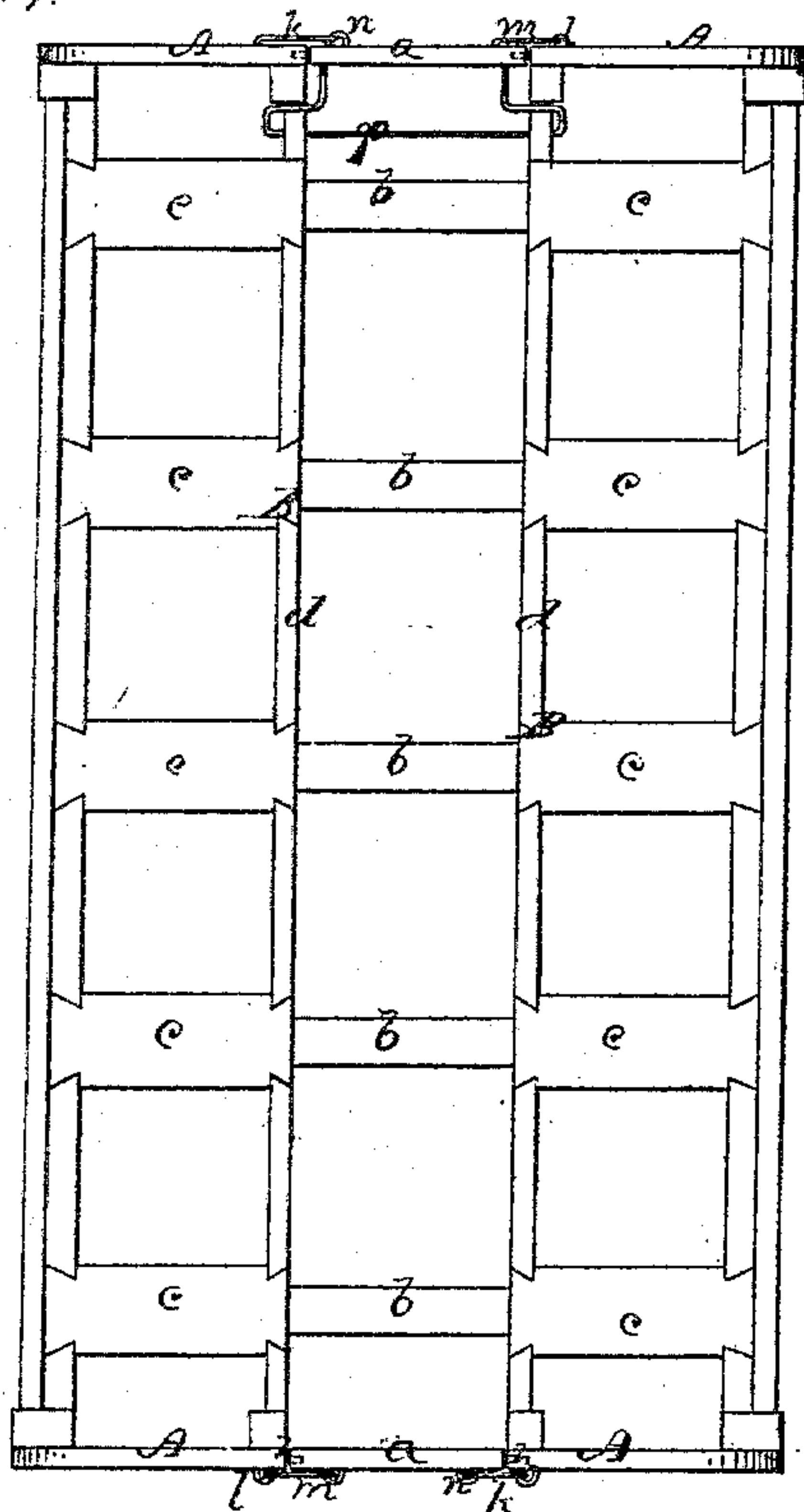


*Harper & Lake,*  
*Sofa Bedstead.*  
*No. 98,050.      Patented Dec. 21. 1869*

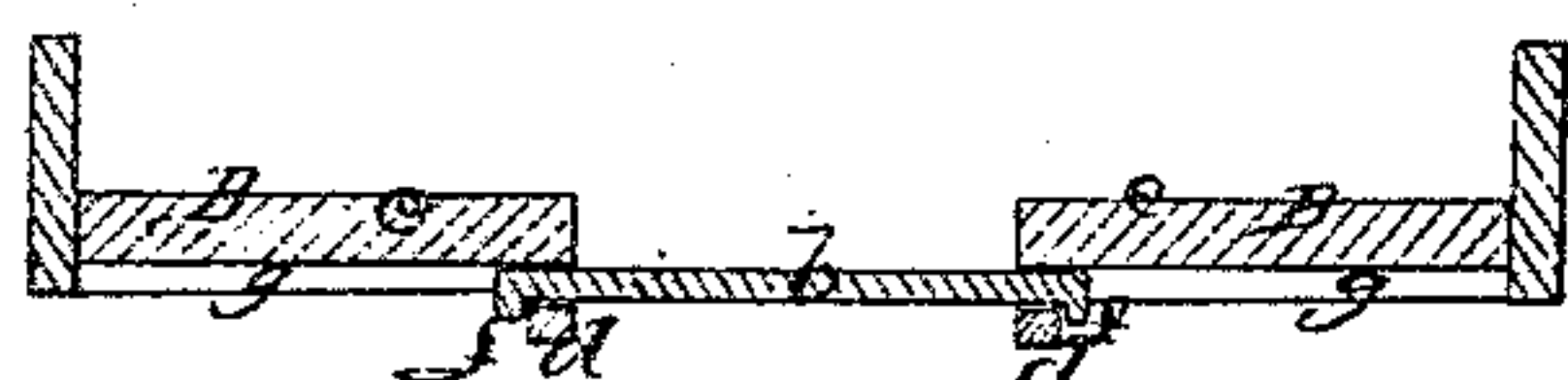
*Fig. 1.*



*Fig. 4.*

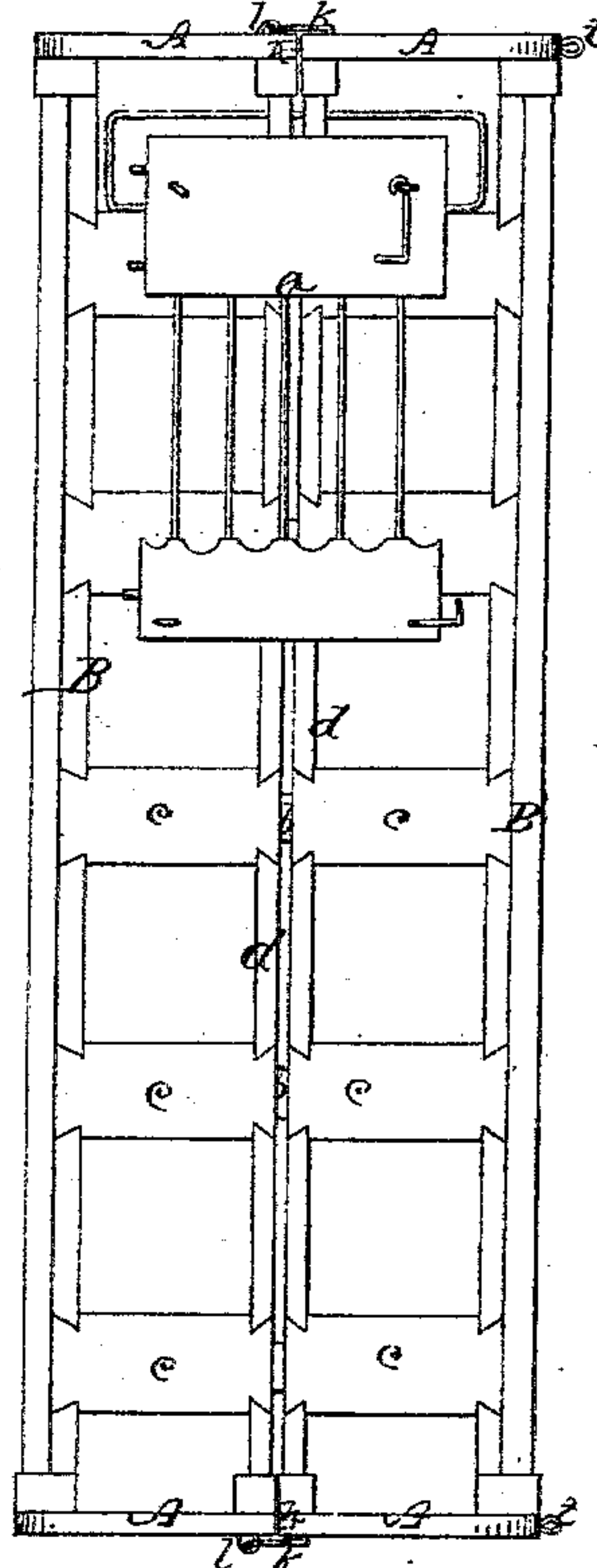


*Fig. 6.*

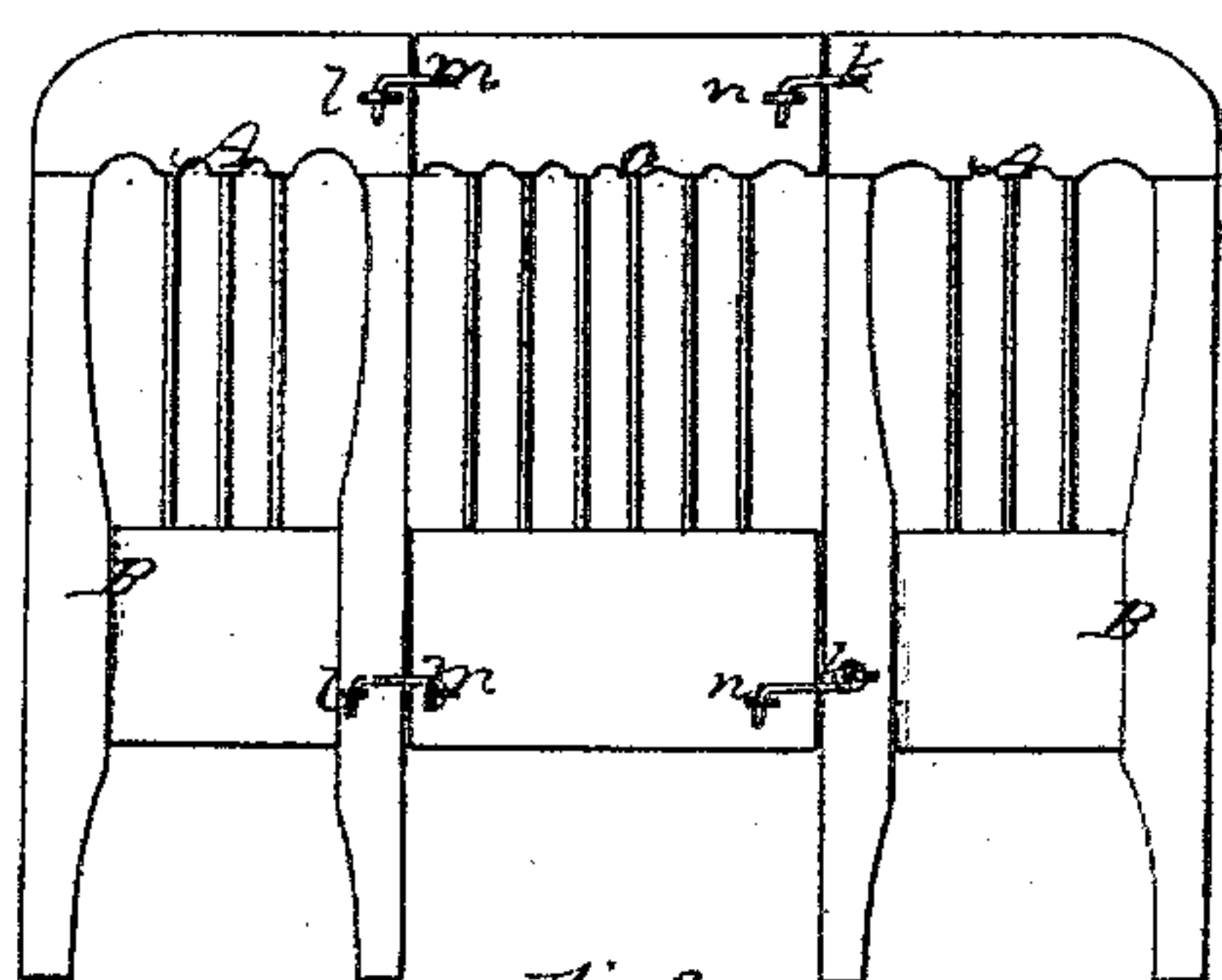


*Witnesses*  
*R. D. Smith*  
*C. A. Clark*

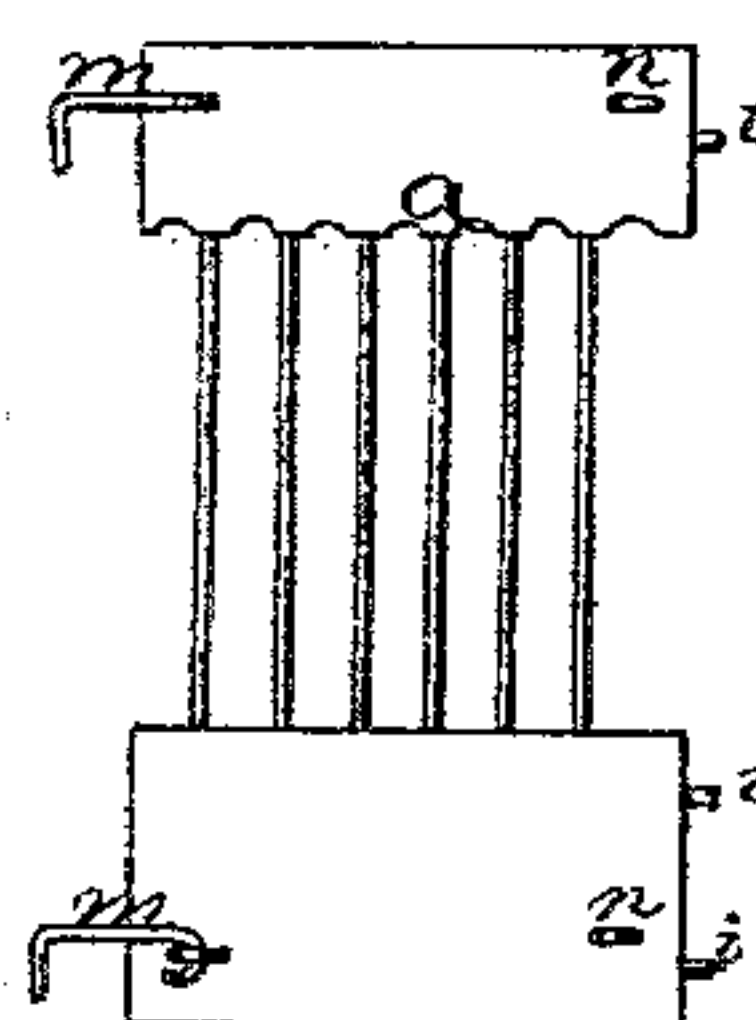
*Fig. 2.*



*Fig. 5.*



*Fig. 3.*



*Inventors,*  
*Amos R. Harper*  
*Charles B. Lake*  
*By their attys,*  
*Geo. Brown*



# United States Patent Office.

AMOS R. HARPER AND CHARLES B. DAKE, OF HOBART, INDIANA.

Letters Patent No. 98,056, dated December 21, 1869.

## IMPROVED LOUNGE AND BEDSTEAD.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, AMOS R. HARPER and CHARLES B. DAKE, of Hobart, in the county of Lake, and State of Indiana, have invented an Improved Combined Lounge or Settee and Bedstead; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification,

Figure 1 being a transverse vertical section of the article arranged as a settee or sofa.

Figure 2, a plan of the same, arranged for a lounge or single bedstead, the mattress being removed.

Figure 3, a side view of a movable portion of the head-board or foot-board, by which the bedstead is widened.

Figure 4, a plan view of the bedstead widened to a double bedstead.

Figure 5, an end elevation of the same, as in fig. 4.

Figure 6, a view of a portion of the bottom of the bedstead, widened as in figs. 4 and 5.

Like letters designate corresponding parts in all of the figures.

Our invention consists in a peculiar construction of a bedstead, so that by the removal or insertion of movable sections in the head-board and foot-board, and the contraction or extension of the bottom, either a single or double bedstead may be formed, and by a particular construction and arrangement of a mattress therewith, a sofa or settee, with back and seat, is produced; or they form, together, a complete lounge, or a single or double bed.

The head-board and foot-board are each divided into two permanent parts, A A, which, when brought together, make up the width for a single bed, lounge, settee, or sofa, as indicated in figs. 1 and 2; and the bottom has two corresponding portions, B B, which similarly compose the entire bottom for the said articles of furniture.

These parts A A and B B may also be freely separated to the proper width for a double bedstead, and the spaces thereby left open between the parts A A are filled by the two movable portions or sections *a a*, which have a construction corresponding in appearance with the said parts, and fit accurately thereto.

The space opened between the parts B B, of the bottom, is more conveniently filled by extension-bars or slats, *b b*, which, when the bedstead is narrowed, slide under cross-bars *c c*, of the permanent parts, and through inner longitudinal rails, *d d*.

There may be enlargements, *f f*, (or their equivalents,) at the ends of these extension-bars, to prevent their drawing out through the rails *d d*, and the bars may slide in grooves *g, g*, in the under sides of the

cross-bars *c c*, as shown in fig. 6. Or variations equivalent in effect may be made from this construction, such as placing the sliding bars *b b* side by side with, and at the same height as the cross-bars *c c*. Or the whole space between the parts B B may be filled with a suitable removable portion properly constructed.

In the vertical edge of one of the parts A A, of the head and foot-boards, are dowels or guide-projections, *h h*, fitting into corresponding holes or sockets, in the adjacent edge of the fellow-parts, when closed together for a single bedstead. And when the bedstead is widened, these dowels fit into holes in one edge of the adjacent movable portions *a a*, while on the opposite edge of the said movable portions, are dowels, *i i*, fig. 3, to fit into the adjacent holes of the other parts, A A.

When the parts A A are closed together, they are secured thus by hooks or hasps, *k k*, on one, fitting into eyes or staples, *l l*, on the other of each adjacent pair. And when the bedstead is extended, there are hooks, *m m*, at one edge of each movable portion *a*, to fit the eyes *l l* of each adjacent part A, and at the other edge, are eyes *n n*, to receive the hooks *k k*, of the other adjacent part A.

Any equivalent of this mode of fastening may be employed.

Each movable portion *a* may be pivoted by a wire, as at *p*, fig. 2, to the bed-bottom, in such a manner that it can be swung down upon the bottom, as shown in the same figure, or raised up into position for use. Or this portion may be wholly removable.

The movable portions might slide by the parts A A, but they would not thus make so good an appearance as by the construction described.

The mattress is made in two parts, C D, divided longitudinally, but connected at one edge of each, as by hinges, so that one part, C, may form the bottom or seat-cushion, and the other part, D, form the back for a sofa or settee, as shown in fig. 1.

The part D has, or should have a stiffening-bar, *r*, in the upper or outer edge.

To the ends of this part are secured hooks, *s s*, to fit into eyes *t t*, fig. 2, for holding the back upright in place. Or bolts, or other equivalent device, may be substituted for this mode of fastening.

The mattress is suitably covered on one side, to give a handsome appearance to it, as a back and cushion for a sofa.

For a single bed or lounge, without a back, both parts C D are folded together, and form a double mattress or cushion for the bottom.

For the double bed, the two parts are spread out, and are made of the proper width to just fill the bedstead.



What we claim as our invention, and desire to secure by Letters Patent, is—

The construction of the bedstead, with divided head and foot-boards, A A, and bottom B B, and movable extension portions *a a* and *b b*, as and for the purposes herein specified.

Also, in combination therewith, the construction and arrangement of the mattress with a stiffening-

piece, *r*, in one division, D, of the two parts, as and for the purpose herein set forth.

AMOS R. HARPER.  
CHARLES B. DAKE.

Witnesses:

WM. H. RIFENBURG,  
H. A. CARTER.